



AGRICULTURAL STATISTICS AT A GLANCE 2015



Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture, Cooperation & Farmers Welfare
Directorate of Economics & Statistics

Agricultural Statistics at a Glance 2015



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Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture, Cooperation
& Farmers Welfare

MESSAGE

Developments in the agriculture and allied sector of India are of interest to a wide spectrum of people across the world. The Directorate of Economics and Statistics, Department of Agriculture, Cooperation & Farmers Welfare, Government of India annually publishes "*Agricultural Statistics at a Glance*" to disseminate comprehensive information covering all facets of the agriculture sector. Over the years, this publication has become a trusted source of reference to people and organizations in the academia, business and industry, policy making, plan formulation and monitoring. The wide range of economic indicators and data made available in this publication is an asset for analysis.

It gives me immense pleasure to note that the Directorate has continuously innovated and endeavored to increase the relevance of this publication for all stakeholders by adding information of new areas of concern for the agriculture sector. I am happy that information on insurance coverage and soil health card has also been included. This publication is being simultaneously released electronically on the website of the Department of Agriculture, Cooperation and Farmers Welfare www.agricoop.nic.in and <http://eands.dacnet.nic.in> thus providing easy access to all.

I compliment Shri P.C. Bodh, Adviser and Shri J.P. Rai, the then Research Officer and their team members for their efforts in maintaining excellence in bringing out this volume of "*Agricultural Statistics at a Glance 2015*".

I am sure that this issue will be found useful by all and look forward to the comments for further value addition.

S.K. Pattanayak
(S.K. Pattanayak)

Date: May 19, 2016

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सत्यमेव जयते

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Preface

The Directorate of Economics and Statistics collates and analyses data on various aspects of Indian agriculture with a view to assist in policy formulation. Its annual publication "Agricultural Statistics at a Glance" contains time series statistics on a wide range of parameters, such as production and productivity of various crops across States, price support and procurement, land-use, input use, international trade, credit, and insurance.

This issue of the publication brings out the latest available statistics on these aspects. It has also been enriched with additional information on many other parameters. For the first time information related to storage capacity, terms of trade between agriculture and non-agriculture sector, requirement and availability of certified seeds, insured area and agricultural credit disbursal in each state has been included.

A soft copy of the publication may be accessed at our website:
www.agricoop.nic.in & <http://eands.dacnet.nic.in/>.

I record my gratitude to all the officers of the Directorate of Economics and Statistics, particularly Shri P.C Bodh and his team for their efforts in bringing out this enriched edition. I am also grateful to the officers of DAC&FW who have provided updated material for the publication and to the other Ministries/Organizations for taking the trouble to send us the data on time. I look forward to comments and suggestions for improvement.

(Sangeeta Verma)

23rd May, 2016

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Acronyms

A&N	Andaman & Nicobar Island
AAY	Antyodaya Anna Yojana
AE	Advance Estimate
AGDP	Gross Domestic Product from Agriculture
Ant.	Anticipated
APL	Above Poverty Line
BE	Budget Estimates
BPL	Below Poverty Line
CACP	Commission for Agricultural Costs and Prices
CBB	Commercial Bank Branch
CCE	Crop Cutting Experiments
CCI	Cotton Corporation of India
CD	Community Development
CDSBO	Crude Degummed Soyabean Oil
CES	Crop Estimation Surveys
CFA	Central Financial Agency
CIF	Cost, Insurance & Freight
CIP	Central Issue Price
CPI-IW	Consumer Price Index for Industrial Workers
CSO	Central Statistics Office

CWWG	Crop Weather Watch Group
DAC&FW	Department of Agriculture, Cooperation & Farmers Welfare
DAHDF	Department of Animal Husbandry Dairying and Fisheries
DAP	Di Ammonium Phosphate
DES	Directorate of Economics and Statistics
E	Estimated
EARAS	Establishment of an Agency for Reporting of Agricultural Statistics
FAO	Food and Agriculture Organisation of United Nations
FAQ	Fair Average Quality
F2	Black Soil
F-414/H-777/J-34	Cotton variety (of Medium Staple Length)
H-4/H-6	Cotton variety (of Long Staple Length)
FCI	Food Corporation of India
FDI	Foreign Direct Investment
FFB	Fresh Fruit Bunch
FOD	Field Operations Division of NSSO
FRL	Full Reservoir Level
FYM	Farm Yard Manure
GCA	Gross Cropped Area
GCES	General Crop Estimation Survey
GCF	Gross Capital Formation
GDP	Gross Domestic Product
GNP	Gross National Product
GSDP	Gross State Domestic Product
GVA	Gross Value Added
Ha	Hectares
HYV	High Yielding Varieties
I	Irrigated
IAS	Improvement of Agricultural Statistics
ICOR	Incremental Capital Output Ratio
ICS	Improvement of Crop Statistics
ISOPOM	Integrated Scheme of Oilseeds, Pulses, Oilpalm and Maize
K	Potash
Kgs	Kilograms
KMPH	Kilometers Per Hour
KWH	Kilo Watt Hour

LS	Light Soil
LPCPD	Litres Per Capita Per Day
MSCCGMF	Maharashtra State Co-operative Cotton Growers Marketing Federation
MIS	Market Intervention Scheme
MSP	Minimum Support Price
MSR	Marketed Surplus Ratio
N	Nitrogen
NA	Not Available/Not Announced
NC	Not Collected
NQ	Not Quoted
NAFED	National Agricultural Co-operative Marketing Federation of India Limited
NCAER	National Council of Applied Economic Research
NDDDB	National Dairy Development Board
Neg.	Negligible
NMOOP	National Mission on Oilseed & Oilpalm
NNP	Net National Product
NR	Not Recommended/Not Reported
NSA	Net Sown Area
NSSO	National Sample Survey Office
OECD	Organisation of Economic Cooperation and Development
OPDP	Oil Palm Development Programme
P	Provisional/Phosphate
PACS	Primary Agricultural Credit Society
Pd.	Per day
PDS	Public Distribution System
PLDB	Primary Land Development Bank
PSE	Producers Support Estimate
PSEs	Public Sector Enterprises
PSS	Price Support Scheme
QE	Quick Estimate
R	Revised
R&D	Research & Development
R&M	Rapeseed & Mustard
RMC	Regional Ministers Conference
RE	Revised Estimates

RRBB	Regional Rural Bank Branch
SCB	State Cooperative Bank
SDP	State Domestic Product
SASA	State Agricultural Statistical Authority
SHC	Soil Health Card
SLDB	State Land Development Bank
SRS	Sample Registration Scheme
SSP	Single Super Phosphate
T	Target
T E	Triennium Ending
TD-5	A Variety of Jute
TPDS	Targeted Public Distribution System
TRQ	Tariff Rate Quota
TRMM	Tropical Rains Measuring Mission
TT	Tentative Targets
U K	United Kingdom
USA	United States of America
UI	Un-irrigated
UT	Union Territory
WPI	Wholesale Price Index
WTO	World Trade Organisation
Y	Yield (Index Number of Yield) per hectare

Conversion Table

Length

1 kilometre (km)	=	1000 metres (m)
1 km	=	0.6214 miles
1 m	=	1.0936 yards
1 m	=	3.2808 feet
1 mile	=	1760 yards
1 mile	=	1.609 km
1 yard	=	0.9144 m
1 foot	=	0.3048 m

Area

1 km ²	=	100 hectares (ha)
1 km ²	=	0.3861 square mile
1 km ²	=	247.105 acres
1 m ²	=	10.7639 square feet
1 ha	=	10,000 m ²
1 ha	=	2.4711 acres

1 square mile	=	2.59 1 km ²
1 acre	=	0.4047 ha
1 acre	=	4046.86 m ²
1 acre	=	4840 square yard
1 square yard	=	9 square feet
1 square yard	=	0.8361 m ²
1 square foot	=	0.0929 m ²

Weight

1 tonne	=	1000 kg
1 tonne	=	1.1023 US ton
1 US ton	=	0.9072 tonnes
1 hg	=	100 gram
1 kg	=	2.2046 pounds (lb)
1 kg	=	35.274 ounce (oz)
1 lb	=	0.4536 kg
1 oz	=	28.3495 gram

Units

1 crore	=	10 million
1 million	=	10 lakh
1 lakh	=	100000
1 billion	=	1000 million

1

Methodology of Crop Estimation

1.1 Introduction

The Directorate of Economics and Statistics (DES) releases estimates of area, production and yield in respect of principal crops of food grains, oilseeds, sugarcane, fibers and important commercial and horticulture crops. These crops together account for nearly 80% of agriculture output. The estimates of crop production are obtained by multiplication of area estimates by corresponding yield estimates. The estimates of area and yield rates assume prime importance in the entire gamut of agricultural statistics.

1.2 Area Statistics

From the point of view of collection of area statistics, the States in the country are divided into three broad categories. The first category covers States and UTs which are cadastrally surveyed and the area and land use statistics are built up as a part of the land records maintained by the revenue agencies, these States are called “Land Record States” or temporarily settled states. This system is followed in 17 major states of Andhra Pradesh, Assam (excluding hilly districts), Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jammu & Kashmir, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh and Uttarakhand and 4 UTs of Chandigarh, Delhi, Dadra & Nagar Haveli and Puducherry. These States/

UTs account for about 86% of reporting area and are covered under Timely Reporting Scheme (TRS) under which 20% villages are selected at random for complete area enumeration.

The second category includes those States where area statistics are collected on the basis of sample surveys conducted under the scheme of Establishment of an Agency for Reporting of Agricultural Statistics (EARAS). This scheme was introduced in Kerala, Odisha and West Bengal, and later extended to Arunachal Pradesh, Nagaland, Sikkim and Tripura. The scheme envisages, inter-alia, estimation of area through sample surveys in a sufficiently large sample of 20% villages/ investigator zones. These states account for about 9% of reporting area.

The third category covers the hilly districts of Assam, the rest of North-Eastern states (other than Arunachal Pradesh, Nagaland, Tripura and Sikkim), Goa, UTs of Andaman & Nicobar Islands, Daman & Diu and Lakshwadeep where no reporting agency had been functioning. In this category of states, work of collection of Agricultural Statistics is entrusted with the village headmen. The area statistics in these states are based on impressionistic approach. These areas/states account for 5% of the reporting area.

1.3 Yield Estimates

The second most important component of production statistics is yield rates. The yield estimates of major crops are obtained through analysis of Crop Cutting Experiments (CCE) conducted under scientifically designed General Crop Estimation Surveys (GCES). At present over 95% of the production of foodgrains is estimated on the basis of yield rates obtained from the CCEs. Field Operations Divisions (FOD) of the National Sample Survey Organization (NSSO) has been providing technical guidance to the States and Union territories for organizing and conducting Crop Estimation Surveys for estimating yield rates of principal crops. In addition, NSSO in collaboration with States/Union Territories implements sample check programmes on area enumeration work, area aggregation and conduct of crop cutting experiments under the Scheme for Improvement of Crop Statistics (ICS). While executing the programme of sample checks on crop cutting experiments, the FOD associates itself with the operational aspects of the conduct of crop cutting experiments right from selection of sample villages, training of field staff to the supervision of field work, and in the process gathers micro level information relating to conduct of crop cutting experiments for estimation of crop yield. The results of Crop Estimation Surveys are analyzed and annual publication entitled "Consolidated Results of Crop Estimation Surveys on Principal Crops" is brought out by the NSSO regularly.

The primary objective of GCES is to obtain fairly reliable estimates of average yield of principal food and non-food crops for States and UTs which

are important from the point of view of crop production. The estimates of yield rates thus arrived at are generally adopted for the purposes of planning, policy formulation and implementation. The CCEs consist of identification and marking of experimental plots of a specified size and shape in a selected field on the principle of random sampling, harvesting and threshing the produce and recording of the harvested produce for determining the percentage recovery of dry grains or the marketable form of the produce.

1.4 Coverage

The crop-wise details of number of experiments planned under GCES during **2011-12** are given in Table 1.1

Table 1.1 Experiments Planned under GCES during 2011-12

Crop Type/Crop	No. of experiments Planned		
	Kharif	Rabi	Total
1. Food Crops			
Paddy	187194	31790	218984
Wheat	-	171952	171952
Jowar	22986	15098	38084
Bajra	34512	864	35376
Maize	44288	3592	47880
Ragi	10168	1334	11502
Barley	-	6546	6546
Gram	-	37527	37527
Sugarcane*	28813	355	29168
Other Crops	110244	59581	169825
Total	438205	328639	766844
2. Non-Food Crops			
Groundnut	21831	6919	28750
Sesamum	18445	3422	21867
Castor	2620	-	2620
Rape & Mustard	-	41068	41068
Linseed	-	4601	4601
Cotton	19518	-	19518
Jute	3247	-	3247
Mesta	886	-	886
Other Crops	20566	16650	37216
Total	87113	72660	159773
Total (1+2)	525318	401299	926617
Grand Total			926617

Source: AS Wing, NSSO (FOD), Faridabad

* 355 experiments of Sugarcane are of Rabi season in West Bengal.

1.5 Sampling Design

Stratified multi-stage random sampling design is generally adopted for carrying out GCES with tehsils/ taluks/ revenue inspector circles/ CD blocks/ anchals, etc., as strata, revenue villages within a stratum as first stage unit of sampling, survey numbers/fields within each selected village as sampling unit at the second stage and experimental plot of a specified shape and size as the ultimate unit of sampling as depicted in figure 1.1

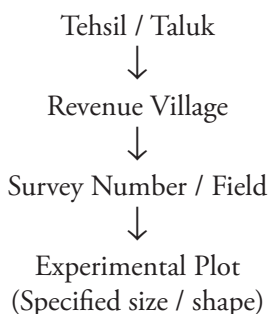


Figure 1.1: Sampling Design for GCES

In each selected primary unit, generally 2 survey numbers/fields growing the experimental crop are selected for conducting CCE. Generally, 80-120 experiments are selected in a major crop growing district, where a district is considered as major for a given crop if the area under the crop in the district exceeds 80,000 hectares or lies between 40,000 and 80,000 hectares but exceeds the average area per district in the State. Otherwise, the district is considered as minor for a given crop. Experiments in minor districts are so adjusted that the precision of the estimates is fairly high and the workload on the field staff is manageable. On an average, about 44 or 46 experiments are planned in a minor district. The number of experiments allotted to a district is distributed among the strata within the district roughly in proportion to the area under the crop in the stratum.

1.6 Advance Estimates of Area and Production

The period of an agricultural crop year is from July to June, during which various farm operations from preparation of seed bed, nursery, sowing, transplanting various inter-culture operations, harvesting, threshing etc. are carried out. Different crops are grown during the agricultural seasons in a crop year.

Final estimates of production based on complete enumeration of area and yield through crop cutting experiments become available much after the crops are actually harvested. However, the Government requires advance

estimates of production for taking various policy decisions relating to pricing, marketing, export/import, distribution, etc. Considering the genuine requirement of crop estimates much before the crops are harvested for various policy purposes, a time schedule of releasing the advance estimates has been evolved. These estimates of crops are prepared and released at four points of time during a year as enumerated below.

1.7 First Advance Estimates

The first advance estimates of area and production of kharif crops are prepared in September every year, when south-west monsoon season is about to be over and kharif crops are at an advanced stage of maturity. This coincides with the holding of the National Conference of Agriculture for Rabi Campaign, where the State Governments give rough assessment of their respective kharif crops. The assessment is made by the State Governments based on the reports from the field offices of the State Department of Agriculture. They are mainly guided by visual observations. These are validated on the basis of inputs from the proceedings of Crop Weather Watch Group (CWWG) meetings, and other feedback such as relevant availability of water in major reservoirs, availability/supply of important inputs including credit to farmers, rainfall, temperature, irrigation etc.

1.8 Second Advance Estimates

The second advance estimates are made in the month of January every year when the advance estimates of kharif crops prepared during the National Conference of Agriculture for Rabi Campaign may undergo a revision in the light of flow of more precise information from the State Governments. Around this time, the first advance estimates of rabi crops are also prepared. The Second Advance Estimates then cover the second assessment in respect of Kharif Crops and the first assessment in respect of Rabi Crops.

1.9 Third Advance Estimates

The third advance estimates are prepared towards the end of March/ beginning of April every year, when the National Conference on Agriculture for Kharif campaign is convened and the State Governments come up with their assessments for both kharif and rabi crops. The earlier advance estimates of both kharif and rabi seasons are firmed up/ validated with the information available with State Agricultural Statistical Authorities (SASAs), remote sensing data, available with Space Application Centre, Ahmedabad as well as the proceedings of CWWG.

1.10 Fourth Advance Estimates

The fourth advance estimates are prepared in the month of June/July every year, when the National Workshop on Improvement of Agricultural Statistics is held. Since most of the rabi crops get harvested by the end of May, SASAs are in a position to supply the estimates of both kharif and rabi seasons as well as likely assessment of summer crops during the National Workshop. Like the third advance estimates, the fourth advance estimates are duly validated with the information available from other sources.

1.11 Final Estimates

Under the existing system of crop estimation, the fourth advance estimates are followed by final estimates in December / January of the following agricultural year. The main factors contributing to the relatively large number of crop estimates are the large variations in crop seasons across the country and the resulting delay in the compilation of yield estimates based on crop cutting experiments. As agriculture is a State subject, Central Government depends upon State Governments for accuracy of these estimates. For this purpose, State Governments have setup High Level Coordination Committees (HLCC) comprising, inter-alia, senior officers from the Departments of Agriculture, Economics & Statistics, Land Records and NSSO (FOD), IASRI, DES from Central Government for sorting out problems in preparation of these estimates in a timely and orderly manner.

1.12 Forecasting Agricultural output using Space, Agro-meteorology and Land based observations (FASAL)

About the Scheme:

The FASAL scheme was approved as a central sector plan scheme of Directorate of Economics & Statistics, Department of Agriculture, Cooperation and Farmers Welfare (DAC&FW) and is in operation since Aug. 2006. The scope of work of the FASAL scheme involved developing Econometric, Agromet and Remote Sensing based model to generate crop forecasts at National, State and District level. Multiple forecast of 11 major crops namely Rice (Kharif & Rabi), Jowar (Kharif & Rabi), Maize, Bajra, Jute, Ragi, Cotton, Sugarcane, Groundnut (Kharif & Rabi), Rapeseed & Mustard and Wheat were envisaged at National/State/District level depending on the status of technology available.

In order to give further impetus to use Remote Sensing (RS) in Agriculture, implementation strategy of the FASAL scheme was revised in March, 2011.

The revised strategy inter-alia envisaged transfer of existing operational crop forecast and drought assessment Remote Sensing methodologies developed by Indian Space Research Organization (ISRO) to a new centre to be created in the DAC&FW itself allowing ISRO to focus on R&D on the RS methodology for remaining crops and fine tuning of the existing RS methodologies on crop and drought assessment. In pursuance of the decisions contained in the approved SFC Memo of the FASAL scheme, a new centre, Mahalanobis National Crop Forecast Centre (MNCFC) has commenced operationalizing the Remote Sensing methodology transferred from ISRO. The main objective of the Centre is to prepare multiple-in-season crop forecast and assessment of drought situation using state of the art techniques and methodologies for selected major crops.

Physical Performance:

National / State level forecasts of area and production based on RS methodology and Econometric models are being received in each season, for selected crops. Forecasts based on agromet models are being received at State/District level. These forecasts are utilized for validation of advance estimates released by DES / DAC&FW.

Reporting of Financial and Physical Progress:

The funds are released to the implementing agencies viz (i) Space Application Centre, Ahmedabad (for developing / fine tuning of RS methodology), (ii) India Meteorological Department, Delhi (Agromet component) and (iii) Institute of Economic Growth (Econometric models) in 2 installments every year. The physical and financial progress is received from each of the implementing agencies after release of each installment.

In April, 2012 a new Centre, called Mahalanobis National Crop Forecast Centre was inaugurated as an attached office of DAC&FW. The Centre is carrying out the operational component of the FASAL programme, i.e. pre-harvest multiple production forecasts of major crops at National/State/District level. MNCFC is also carrying out periodic district/sub-district level drought assessment for 14 major agricultural states of the country.

The major initiatives under MNCFC include

1. Pre-harvest Crop production forecasting for 8 crops at National-State-District level under FASAL project (3 crops included in last 2 years)
2. Monthly/ Fortnightly Agricultural Drought Assessment at district/sub-district level for 14 states of India under NADAMS programme

3. Implementation of Smartphone based ground truth collection (>10000 points in 3 seasons)
4. Spectral yield modeling for Rice, Wheat and Rapeseed & Mustard
5. Developing collaborations with 19 state agriculture departments and 14 State Remote Sensing Centres
6. Operationalization of FASALSoft and NAS software developed by ISRO
7. Operational use of Indian Microwave Satellite RISAT data for Rice and Jute Assessment
8. Supervised Crop Cutting Experiments (844) using Remote Sensing based plan and Smartphone
9. Post-Phailin Rice Inundation Area Assessment
10. Rabi Crop Emergence Progress and Crop Alert District Assessment

2

Socio-Economic Indicators

Table: 2.1 Selected Economic and Social Indicators

Economic Indicators	1950-51	1960-61	1970-71	1980-81	1990-91	2000-01	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
ECONOMIC INDICATORS											
GVA at factor cost ^a (at current prices in ₹ crore)	10036	17049	44382	136838	531814	2000743	7248860	8195546 ^{NS}	9252051 ^{NS}	10477139 ^{NS}	11550240 ^{AE}
GVA at factor cost ^a (at constant prices in ₹ crore)	279618	410279	589787	798506	1347889	2348481	4918533	8195546 ^{NS}	8599224 ^{NS}	9169787 ^{NS}	9827089 ^{AE}
Per capita Net National Income at factor cost at constant prices (₹)	7114	8889	10016	10712	14330	20362	36202	64316 ^{NS}	66344 ^{NS}	69959 ^{NS}	74104 ^{AE}
Gross Domestic Capital Formation as percentage of GDP (at current market prices)	9.3	14.3	15.1	19.2	26.0	24.4	36.5	38.2	36.6	32.3	na
Gross domestic savings as percentage of GDP (at current market prices)	9.5	11.6	14.3	17.8	22.9	23.8	33.7	33.9	31.8	30.6	na
Index of agricultural production [base: Triennium ending 1981-82] for the data given till 2000-01 and base i.e. ending 2007-08 from 2009-10 onwards	46.2	68.8	85.9	102.1	148.4	165.7	121.0	125.2	124.2	129.6	123.9
Index of industrial production (Base: 2004-05=100) ^b	7.9	15.6	28.1	43.1	91.6	162.6	165.5	170.3	172.2	172.0	174.9
Wholesale Price Index average ^c	6.8	7.9	14.3	36.8	73.7	155.7	143.3	156.1	167.6	177.6	181.2
Consumer Price Index for Industrial workers ^d	170	21.0	38.0	81.0	193.0	444.0	180.0	195.0	215.0	236.0	251.0
OUTPUT											
(a) Foodgrains [million tonnes]	50.8	82.0	108.4	129.6	176.4	196.8	244.5	259.3	257.1	265.0	252.68 ^e
(b) Coal and Lignite [million tonnes]	32.3	55.2	76.3	119.0	225.5	332.6	570.4	582.3	602.9	610.0	459.4 ^f

(Contd.)

Table: 2.1 (Contd.)

Economic Indicators	1950-51	1960-61	1970-71	1980-81	1990-91	2000-01	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
(c) Crude Oil [million tonnes]	0.3	0.5	6.8	10.5	33.0	32.4	37.7	38.1	37.9	37.8	28.2 ^f
(d) Electricity Generated [utilities only] [billion KWH]	5.0	17.0	56.0	121.0	264.0	500.0	845.0	923.0	964.5	1014.8	741.4 ^f
Plan outlay (₹ crore)	2601	1117	2524	15023	58369	185737	826268	936292	971951	1281022 (RE)	484533 (BE) ^g
FOREIGN TRADE											
(i) Exports (₹ Crore)	606	642	1535	6711	32553	203571	1136964	1465959	1634318	1905011	1897026 ^h
(US \$ million)	1269	1346	2031	8486	18143	44076	251136	305964	300401	314405	310533.9 ^h
(ii) Imports (₹ Crore)	608	1122	1634	12549	43198	230873	1683467	2345463	2669162	2715434	2734049 ^h
(US \$ million)	1273	2353	2162	15869	24075	49975	369769	489319	490737	450200	447548.3 ^h
Foreign exchange reserves ⁱ [excluding gold, SDRs and Reverse Tranche Position at IMF] (₹ Crore)	911	186	438	4822	4388	184482	1224883	1330511	1412631	1660914	1985458
(US \$ million)	1914	390	584	5850	2236	39554	274330	260069	259726	276359	317323
SOCIAL INDICATORS											
Population (Million) ^j	361	439.2	548.2	683.3	846.4	1028.7	1186.0	1220.0	1235.0	1251.0	1267.0
Birth Rate (per 1000) ^k	39.9	41.7	36.9	33.9	29.5	25.4	21.8	na	21.4 ^m	na	na
Death Rate (per 1000) ^k	27.4	22.8	14.9	12.5	9.8	8.4	7.1	na	7.0 ^m	na	na
Life Expectancy at Birth (in Years) ^l	32.1	41.3	45.6	50.4	58.7	62.5	66.1 ⁿ	na	67.5 ^m	na	na
(a) Male	32.5	41.9	46.4	50.9	58.6	61.6	64.6 ⁿ	na	65.8 ^m	na	na
(b) Female	31.7	40.6	44.7	50.0	59.0	63.3	67.6 ⁿ	na	69.3 ^m	na	na
Education: Literacy Rate (%) ^o	18.3	28.3	34.4	43.6	52.2	64.8	74.04	na	na	na	na
(a) Male	27.2	40.4	46.0	56.4	64.1	75.3	82.14	na	na	na	na
(b) Female	8.9	15.4	22.0	29.8	39.3	53.7	65.46	na	na	na	na

(Contd.)

Table: 2.1 (Contd.)

- Source: Ministry of Finance, CSO and RBI.
- BE: Budget Estimate, RE: Revised Estimate, AE: Advance Estimate
- na: Not available, NS: New Series Estimates
- a: GVA at factor cost estimates prior to 2011-12 are based on 2004-05 series. Estimates from Year 2011-12 onwards (with Base 2011-12) are available at basic prices only.
- b: The Index of Industrial Production has been revised since 2005-06 on base 2004-05=100. The figures from 2009-10 onwards are based on current series (2004-05=100) and earlier data are based on old base years.
- c: The figures from 2009-10 are based on current series 2004-05=100 and earlier data are based on old base years
- d: The figures from 2009-10 are based on current series 2001=100 and earlier data are based on old base years.
- e: 4th Advance Estimates.
- f: Figures are for April-December 2014-15.
- g: Outlays are only of the Centre as Outlays of State plans are not yet finalised.
- h: Revised data for 2014-15.
- i: As on end-March.
- j: Relates to mid-financial year (as on October 1) based on population figures of C.S.O.
- k: For calendar year. Figure shown against 1990-91 is for calendar year 1991 and so on. Source: Office of R.G.I.
- l Data for 1950-51, 1960-61, 1970-71 and 1980-81 relate to the decades 1941-50, 1951-60, 1961-70 and 1971-80 respectively, centered at midpoints of the decade, i.e., 1946, 1956, 1966 and 1976. The estimates for 1990-91 refer to the period 1988-92 and so on. Estimates for 2012-13 refer to 2009-13.
- m: Estimates from Sample Registration System and SRS Statistical Report, Office of RGI.
- n: Abridged Life Table 2002-06, Registrar General of India
- o: Data for 1950-51, 1960-61, 1970-71, 1980-81, 1990-91 and 2000-01 are as per Census of India 1951,1961, 1971, 1981, 1991 and 2001. The figures for 1951 1961 and 1971 relate to population aged 5 years and above and those for 1981, 1991, 2001 and 2011 to population aged 7 years and above. All India literacy rates exclude Assam for 1981 and J&K for 1991.

Table 2.2: Population and Growth Rate - 2011

Sl. No.	States/ UTs	Population			Decadal Growth (%)	
		Male	Female	Total	1991-2001	2001-2011
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	India	623,270,258	587,584,719	1,210,854,977	21.54	17.72
1	Jammu & Kashmir	6,640,662	5,900,640	12,541,302	29.43	23.64
2	Himachal Pradesh	3,481,873	3,382,729	6,864,602	17.54	12.94
3	Punjab	14,639,465	13,103,873	27,743,338	20.10	13.89
4	Chandigarh	580,663	474,787	1,055,450	40.28	17.19
5	Uttarakhand	5,137,773	4,948,519	10,086,292	20.41	18.81
6	Haryana	13,494,734	11,856,728	25,351,462	28.43	19.90
7	Delhi	8,987,326	7,800,615	16,787,941	47.02	21.21
8	Rajasthan	35,550,997	32,997,440	68,548,437	28.41	21.31
9	Uttar Pradesh	104,480,510	95,331,831	199,812,341	25.85	20.23
10	Bihar	54,278,157	49,821,295	104,099,452	28.62	25.42
11	Sikkim	323,070	287,507	610,577	33.06	12.89
12	Arunachal Pradesh	713,912	669,815	1,383,727	27.00	26.03
13	Nagaland	1,024,649	953,853	1,978,502	64.53	-0.58
14	Manipur	1,438,586	1,417,208	2,855,794	24.86	31.80
15	Mizoram	555,339	541,867	1,097,206	28.82	23.48
16	Tripura	1,874,376	1,799,541	3,673,917	16.03	14.84
17	Meghalaya	1,491,832	1,475,057	2,966,889	30.65	27.95
18	Assam	15,939,443	15,266,133	31,205,576	18.92	17.07
19	West Bengal	46,809,027	44,467,088	91,276,115	17.77	13.84

(Contd.)

Table: 2.2 (Contd.)

Sl. No.	States/ UTs	Population		Total	Decadal Growth (%)	
		Male	Female		1991-2001	2001-2011
(1)	(2)	(3)	(4)	(5)	(6)	(7)
20	Jharkhand	16,930,315	16,057,819	32,988,134	23.36	22.42
21	Odisha	21,212,136	20,762,082	41,974,218	16.25	14.05
22	Chhattisgarh	12,832,895	12,712,303	25,545,198	18.27	22.61
23	Madhya Pradesh	37,612,306	35,014,503	72,626,809	24.26	20.35
24	Gujarat	31,491,260	28,948,432	60,439,692	22.66	19.28
25	Daman & Diu	150,301	92,946	243,247	55.73	53.76
26	Dadra & Nagar Haveli	193,760	149,949	343,709	59.22	55.88
27	Maharashtra	58,243,056	54,131,277	112,374,333	22.73	15.99
28	Andhra Pradesh	42,442,146	42,138,631	84,580,777	14.59	10.98
29	Karnataka	30,966,657	30,128,640	61,095,297	17.51	15.60
30	Goa	739,140	719,405	1,458,545	15.21	8.23
31	Lakshadweep	33,123	31,350	64,473	17.30	6.30
32	Kerala	16,027,412	17,378,649	33,406,061	9.43	4.91
33	Tamil Nadu	36,137,975	36,009,055	72,147,030	11.72	15.61
34	Puducherry	612,511	635,442	1,247,953	20.62	28.08
35	Andaman & Nicobar Islands	202,871	177,710	380,581	26.90	6.86

Source: Registrar General of India.

Table 2.3(a): Population and Agricultural Workers

Year	Total Population (2)	Average Annual Exponential Growth Rate (%) (3)	Rural Population (4)	Total		Agricultural Workers		(In Millions)
				Workers (5)	Cultivators (6)	Agricultural Labourers (7)	Total (8)	
1951	361.1	1.25	298.6 (82.7)	139.5	69.9 (71.9)	27.3 (28.1)	97.2 (69.7)	
1961	439.2	1.96	360.3 (82.0)	188.7	99.6 (76.0)	31.5 (24.0)	131.1 (69.5)	
1971	548.2	2.20	439.0 (80.1)	180.4	78.2 (62.2)	47.5 (37.8)	125.7 (69.7)	
1981	683.3	2.22	525.6 (76.9)	244.6	92.5 (62.5)	55.5 (37.5)	148.0 (60.5)	
1991	846.4	2.16	630.6 (74.5)	314.1	110.7 (59.7)	74.6 (40.3)	185.3 (59.0)	
2001	1028.7	1.97	742.6 (72.2)	402.2	127.3 (54.4)	106.8 (45.6)	234.1 (58.2)	
2011	1210.8	1.50	833.7 (68.9)	481.7	118.8 (45.1)	144.3 (54.9)	263.1 (54.6)	

Source: Registrar General of India.

Notes: 1. For 2001, figures include estimated figures for those of the three sub-divisions viz. Mao Maram, Paomata and Purul of Senapati district of Manipur as census results of 2001 Census in these three sub-divisions were cancelled due to technical and administrative reasons.

2. The 1991 Census could not be held owing to disturbed conditions prevailing in Jammu & Kashmir. Hence the population figures for 1991 of Jammu & Kashmir have been worked out by 'interpolation'. The data on workers in Col. 5-7 exclude I&K.

3. The 1981 census could not be held in Assam. The figures for 1981 for Assam have been worked out by interpolation. The data on workers in Col. 5-7 exclude Assam.

4. Figures within parentheses in Col.-4 are percentages to the Total Population.

5. Figures within parentheses in Col.-6 and 7 are percentages to Col.-8.

6. Figures within parentheses in Col.-8 is percentage share of Agricultural Workers in Total Workers.

Table 2.3(b) State wise Classification of Workers-2011

States \ UTs	Total/ Urban/ Rural	(2)	Total Population	(3)	Total Working Population	(4)	Total Main Workers	(5)	Total Marginal Workers	(6)	Total Non Workers	(7)	Male Population	(8)	Male Working Population	(9)	Male Main Workers	(10)	Female Population	(11)	Female Working Population	(12)	Female Main Workers	(13)
India	Total	1210854977	48188868	362565571	119323297	728966109	623270258	331939875	273209976	587584719	149948993	89355595												
	Rural	833748852	348743092	245868421	102874671	485005760	427781058	226837013	178095330	405967794	121906079	67773091												
	Urban	377106125	133145776	116697150	16448626	243960349	195489200	105102862	95114646	181616925	28042914	21582504												
	Total	12541302	4322713	2644149	1678564	8218589	6640662	3195090	2305788	5900640	1127623	338361												
Jammu & Kashmir	Rural	9108060	3113081	1669814	1443267	5994979	4774477	2212006	1453157	4333583	901075	216657												
	Urban	3433242	1209632	974335	235297	2223610	1866185	983084	852631	1567057	226548	121704												
	Total	6864602	3559422	2062501	1496921	3305180	3481873	2043373	1438989	3382729	1516049	623512												
Himachal Pradesh	Rural	6176050	3289384	1822109	1467275	2886666	3110345	1836358	1247874	3065705	1453026	574235												
	Urban	688552	270038	240392	29646	418514	371528	207015	191115	317024	63023	49277												
	Total	27743338	9897362	8450936	1446426	17845976	14639465	8074157	7264631	13103873	1823205	1186305												
Punjab	Rural	17344192	6179199	5107024	1072175	11164993	9093476	4995819	4417839	8250716	1183380	689185												
	Urban	10399146	3718163	3343912	374251	6680983	5545989	3078338	2846792	4853157	639825	497120												
	Total	1055450	404136	385929	18207	651314	580663	328159	317190	474787	75977	68739												
Chandigarh	Rural	28991	12350	11683	667	16641	17150	10664	10356	11841	1686	1327												
	Urban	1026459	391786	374246	17540	634673	563513	317495	306834	462946	74291	67412												
	Total	10086292	3872275	2870624	1001651	6214017	5137773	2551921	2070760	4948519	1320354	799864												
Uttarakhand	Rural	7036954	2885533	1997332	888201	4151421	3519042	1726674	1322523	3517912	1158859	674809												
	Urban	3049338	986742	873292	113450	2062596	1618731	825247	748237	1430607	161495	125055												
	Total	25351462	8916508	7015283	1901225	16434954	13494734	6806636	5860600	11856728	2109872	1154683												
Haryana	Rural	16509359	6003112	4435805	1567307	10506247	8774006	4392214	3672588	7735353	1610898	763217												
	Urban	8842103	2913396	2579478	333918	5928707	4720728	2414422	2188012	4121375	498974	391466												
	Total	16787941	5587049	5307329	279720	11200892	8987326	4762026	4562710	7800615	825023	744619												
Delhi	Rural	419042	130227	118510	11717	288815	226321	111500	103568	192721	18727	14942												
	Urban	16368899	5456822	5188819	268003	10912077	8761005	4650526	4459142	7607894	806296													
(Contd.)																								

(Contd.)

Table 2.3(b) (Contd.)

States\UTs	(1)	(2)	(3)		(4)		(5)		(6)		(7)		(8)		(9)		(10)		(11)		(12)		(13)
		Total/ Urban/ Rural	Total Population	Total Working Population	Total Main Workers	Total Marginal Workers	Total Non Workers	Total Male Population	Total Male Working Population	Total Male Non Workers	Total Female Population	Total Female Working Population	Total Male Population	Total Male Working Population	Total Male Non Workers	Total Female Population	Total Female Working Population	Total Male Population	Total Male Working Population	Total Female Population	Total Female Working Population	Total Male Population	Total Female Workers
Rajasthan		Total	68548437	29886255	21057968	8828287	38662182	35550997	18297076	15243537	32997440	11589179	5814431										
		Rural	51500352	24385233	16173343	8211890	27115119	26641747	13775469	11069837	24858605	10609764	5103506										
		Urban	17048085	5501022	4884625	616397	11547063	8909250	4521607	4173700	8138835	979415	710925										
Uttar Pradesh		Total	199812341	65814715	44635492	21179223	133997626	104480510	49846762	37420299	95331831	15967953	7215193										
		Rural	155317278	51950980	33538817	18412163	103366298	80992995	38352879	27812347	74324283	13598101	5726470										
		Urban	44495063	13863735	11096675	2767060	30631328	23487515	11493883	9607952	21007548	2369852	1488723										
Bihar		Total	104099452	34724987	21359611	13365376	69374465	54278157	25222189	17270690	49821295	9502798	4088921										
		Rural	92341436	31359767	18723966	12635801	60981669	48073850	22436685	14988080	44267586	8923082	3735886										
		Urban	11758016	3365220	2635645	729575	8392796	6204307	2785504	2282610	5553709	579716	353035										
Sikkim		Total	610577	308138	230397	77741	302439	323070	194358	160513	287507	113780	69884										
		Rural	456999	243785	173682	70103	213214	242797	148186	119014	214202	95599	54668										
		Urban	153578	64353	56715	7638	89225	80273	46172	41499	73305	18181	15216										
Arunachal Pradesh		Total	1383727	587657	478721	108936	796070	713912	350273	301109	669815	237384	177612										
		Rural	1066358	470315	377388	92927	596043	546011	264790	223929	520347	205525	153459										
		Urban	317369	117342	101333	16009	200027	167901	85483	77180	149468	31859	24153										
Nagaland		Total	1978502	974122	741179	232943	1004380	1024649	547357	442204	953853	426765	298975										
		Rural	1407536	760360	567674	192686	647176	725472	403912	316384	682064	356448	251290										
		Urban	570966	213762	173505	40257	357204	299177	143445	125820	271789	70317	47685										
Manipur		Total	2855794	1304610	974163	330447	1551184	1438586	739408	615135	1417208	565202	359028										
		Rural	2021640	959161	713482	245679	1062479	1026884	534085	442482	994756	425076	271000										
		Urban	834154	345449	260681	84768	488705	411702	205323	172653	422452	140126	88028										
Mizoram		Total	1097206	486705	415030	71675	610501	555339	290740	263305	541867	195965	151725										
		Rural	525435	252382	217824	34558	273053	269135	145091	134888	256300	107291	82936										
		Urban	571771	234323	197206	37117	337448	286204	145649	128417	285567	88674	68789										

(Contd.)

Table 2.3(b) (Contd.)

States \ UTs	Total/ Urban/ Rural	Total Population	Total Working Population	Total Main Workers	Total Marginal Workers	Total Non Workers	Male Population	Male Working Population	Male Main Workers	Female Population	Female Working Population	Female Main Workers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Tripura	Total	3673917	1469521	1077019	392502	2204396	1874376	1045326	887881	1799541	424195	189138
	Rural	2712464	1116076	776583	339493	1596388	1387173	767767	637023	1325291	348309	139560
	Urban	961453	353445	300436	53009	608008	487203	277559	250858	474250	75886	49578
Meghalaya	Total	2966889	1185619	921575	264044	1781270	1491832	703709	585520	1475057	481910	336055
	Rural	2371439	973458	730959	242499	1397981	1194260	561812	455430	1177179	411646	275529
	Urban	595450	212161	190616	21545	383289	297572	141897	130090	297878	70264	60526
Assam	Total	31205576	11969690	8687123	3282567	19235886	15939443	8541560	7034642	15266133	3428130	1652481
	Rural	26807034	10368283	7311015	3057268	16438751	13678989	7257852	5880174	13128045	3110431	1430841
	Urban	4398542	1601407	1376108	225299	2797135	2260454	1283708	1154468	2138088	317699	221640
West Bengal	Total	91276115	34756355	25686630	9069725	56519760	46809027	26716047	21678279	44467088	8040308	4008351
	Rural	62183113	24082481	16489485	7592996	38100632	31844945	18211180	14019915	30338168	5871301	2469570
	Urban	29093002	10673874	9197145	1476729	18419128	14964082	8504867	7658364	14128920	2169007	1538781
Jharkhand	Total	32988134	13098274	6818595	6279679	19889860	16930315	8424769	5234442	16057819	4673505	1584153
	Rural	25055073	10777152	4886840	5890312	14277921	12776486	6484142	3563422	12278587	4293010	1323418
	Urban	7933061	2321122	1931755	389367	5611939	4153829	1940627	1671020	3779232	380495	260735
Odisha	Total	41974218	17541589	10707543	6834046	24432629	21212136	11902655	8794413	20762082	5638934	1913130
	Rural	34970562	15103714	8623947	6479767	19866848	17586203	9941574	7045991	17384359	5162140	1577956
	Urban	7003656	2437875	2083596	354279	4565781	3625933	1961081	1748422	3377723	476794	335174
Chhattisgarh	Total	25545198	12180225	8241714	3938511	13364973	12832895	7133866	5597454	12712303	5046359	2644260
	Rural	19607961	10063114	6365271	3697843	9544847	9797426	5522258	4114031	9810535	4540856	2251240
	Urban	5937237	2117111	1876443	240668	3820126	3035469	1611608	1483423	2901768	505503	393020
Madhya Pradesh	Total	72626809	31574133	22702119	8872014	41052676	37612306	20146970	16362065	35014503	11427163	6340054
	Rural	52557404	24715198	16729558	7985640	27842206	27149388	14741977	11488183	25408016	9973221	5241375
	Urban	20069405	6858935	5972561	886374	13210470	10462918	5404993	4873882	9606487	1453942	1098679

(Contd.)

Table 2.3(b) (Contd.)

States\UTs	Total/ Urban/ Rural	(2)	Total Population	(3)	Total Working Population	(4)	Total Main Workers	(5)	Total Marginal Workers	(6)	Total Non Workers	(7)	Male Population	(8)	Male Working Population	(9)	Male Main Workers	(10)	Female Population	(11)	Female Working Population	(12)	Female Main Workers	(13)
Gujarat	Total		60439692		24767747		20365374		4402373		35671945		31491260		18000914		16567695		28948432		6766833		3797679	
	Rural		34694609		15570092		11878120		3691972		19124517		17799159		10171584		9141339		16895450		5398508		2736781	
	Urban		25745083		9197655		8487254		710401		16547428		13692101		7829330		7426356		12052982		1368325		1060898	
Daman & Diu	Total		243247		121271		116435		4836		121976		150301		107434		104614		92946		13837		11821	
	Rural		60396		23303		21435		1868		37093		32395		18862		18131		28001		4441		3304	
	Urban		182851		97968		95000		2968		84883		117906		88572		86483		64945		9396		8517	
Dadra & Nagar Haveli	Total		343709		157161		130299		26862		186548		193760		119293		109125		149949		37868		21174	
	Rural		183114		84123		62211		21912		98991		98305		55803		48239		84809		28320		13972	
	Urban		160595		73038		68088		4950		87557		95455		63490		60886		65140		9548		7202	
Maharashtra	Total		112374333		49427878		43762890		5664988		62946455		58243056		32616875		29989314		54131277		1681003		13773576	
	Rural		61556074		30650871		26510066		4140805		30905203		31539034		17887071		16188697		30017040		12763800		10321369	
	Urban		50818259		18777007		17252824		1524183		32041252		26704022		14729804		13800617		24114237		4047203		3452207	
Andhra Pradesh	Total		84580777		39422906		33037378		6385528		45157871		42442146		24185595		21460081		42138631		15237311		11577297	
	Rural		56361702		29052307		24142968		4909339		27309395		28243241		16498189		14589517		28118461		12554118		9557051	
	Urban		28219075		10370599		8894410		1476189		17848476		14198905		7687406		6874164		14020170		2683193		2020246	
Karnataka	Total		61095297		27872597		23397181		4475416		33222700		30966657		18270116		16349837		30128640		9602481		7047344	
	Rural		37469335		18502230		15060905		3441325		18967105		18929354		11311426		10003021		18539981		7190804		5057884	
	Urban		23625962		9370367		8336276		1034091		14255595		12037303		6958690		6346816		11588659		2411677		1989460	
Goa	Total		1458545		577248		476053		101195		881297		739140		419536		356967		719405		157712		119086	
	Rural		551731		215536		164519		51017		336195		275436		152986		122042		276295		62550		42477	
	Urban		906814		361712		311534		50178		545102		463704		266550		234925		443110		95162		76609	
Lakshadweep	Total		64473		18753		10804		7949		45720		33123		15318		9137		31350		3435		1667	
	Rural		14141		4653		2225		2428		9488		7243		3787		1878		6898		866		347	
	Urban		50332		14100		8579		5521		36232		25880		11531		7259		24452		2569		1320	
(Contd.)																								

(Contd.)

Table 2.3(b) (Contd.)

States/UTs	Total/ Urban/ Rural	(2)	Total Population	(3)	Total Working Population	(4)	Total Main Workers	(5)	Total Marginal Workers	(6)	Total Non Workers	(7)	Male Population	(8)	Male Working Population	(9)	Male Main Workers	(10)	Female Population	(11)	Female Working Population	(12)	Female Main Workers	(13)
Kerala	Total		33406061		11619063		9329747		2289316		2178698		16027412		8451569		7179828		17378649		3167494		2149919	
	Rural		17471135		6341957		4930191		1411766		11129178		8408054		4507501		3743078		9063081		1834456		1187113	
	Urban		15934926		5277106		4399556		877550		10657820		7619358		3944068		3436750		8315568		1333038		962806	
Tamil Nadu	Total		72147030		32884681		27942181		4942500		39262349		36137975		21434978		18961194		36009055		11449703		8980987	
	Rural		37229590		18861330		15339116		3522214		18368260		18679065		11214535		9552474		18550525		7646795		5786642	
	Urban		34917440		14023351		12603065		1420286		20894089		17458910		10220443		9408720		17458530		3802908		3194345	
Puducherry	Total		1247953		444968		399689		45279		802985		612511		332931		306409		635442		112037		93280	
	Rural		395200		147876		122188		25688		247324		194907		105705		91068		200293		42171		31120	
	Urban		852753		297092		277501		19591		555661		417604		227226		215341		435149		69866		62160	
Andaman & Nicobar Islands	Total		380581		152535		125910		26625		228046		202871		120889		103619		177710		31646		22291	
	Rural		237093		94469		72366		22103		142624		126287		74670		60411		110806		19799		11955	
	Urban		143488		58066		53544		4522		85422		76584		46219		43208		66904		11847		10336	

Source: Registrar General of India.

Note: 1. India and Jammu & Kashmir exclude population of those portion of Jammu & Kashmir which are under illegal occupation of Pakistan and China.

Table 2.3(c) State-wise Classification of Cultivators - 2011

States/UTs	Total / Urban / Rural	Cultivators (Main and Marginal)	Agricultural Labour (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labour (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labour (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
India	Total	118808780	144333690	82762934	82742337	36045846	61591353
	Rural	115084638	136998308	79895308	77932222	35189330	59066086
	Urban	3724142	7335382	2867626	4810115	856516	2525267
Jammu & Kashmir	Total	1245316	547705	765527	414344	479789	133361
	Rural	1180384	498531	729874	376051	450510	122480
	Urban	64932	49174	35653	38293	29279	10881
Himachal Pradesh	Total	2062062	175038	906154	103060	1155908	71978
	Rural	2048582	170279	899954	99801	1148628	70478
	Urban	13480	4759	6200	3259	7280	1500
Punjab	Total	1934511	1588455	1753359	1239445	181152	349010
	Rural	1840001	1474732	1669638	1146165	170363	328567
	Urban	94510	113723	83721	93280	10789	20443
Chandigarh	Total	2578	1687	2114	1375	464	312
	Rural	457	168	406	122	51	46
	Urban	2121	1519	1708	1253	413	266
Uttarakhand	Total	1580423	403301	735412	286540	845011	116761
	Rural	1558630	372841	720621	261909	838009	110932
	Urban	21793	30460	14791	24631	7002	5829
Haryana	Total	2480801	1528133	1789122	1041241	691679	486892
	Rural	2398597	1405956	1721232	943900	677365	462056
	Urban	82204	122177	67890	97341	14314	24836
Delhi	Total	33398	39475	27458	31352	5940	8123
	Rural	13614	8528	11280	6473	2334	2055
	Urban	19784	30947	16178	24879	3606	6068

(Contd.)

Table 2.3(c) (Contd.)

States/UTs	Total / Urban / Rural	Cultivators (Main and Marginal)	Agricultural Labour (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labour (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labour (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rajasthan	Total	13618870	4939664	7518486	2132669	6100384	2806995
	Rural	13358033	4733917	7349824	2013143	6008209	2720774
	Urban	260837	205747	168662	119526	92175	86221
Uttar Pradesh	Total	19057888	19939223	15511533	13803442	3546355	6135781
	Rural	18500982	18910579	15030284	12957833	3470698	5952746
	Urban	556906	1028644	481249	845609	75657	183035
Bihar	Total	7196226	18345649	5745420	12570717	1450806	5774932
	Rural	7008060	17831900	5583964	12173757	1424096	5658143
	Urban	188166	513749	161456	396960	26710	116789
Sikkim	Total	117401	25986	63327	12883	54074	13103
	Rural	116532	24880	62869	12297	53663	12583
	Urban	869	1106	458	586	411	520
Arunachal Pradesh	Total	302723	36171	152863	18377	149860	17794
	Rural	298137	33558	150267	16862	147870	16696
	Urban	4586	2613	2596	1515	1990	1098
Nagaland	Total	537702	62962	259454	31857	278248	31105
	Rural	516783	55677	250559	28133	266224	27544
	Urban	20919	7285	8895	3724	12024	3561
Manipur	Total	574031	114918	327109	46032	246922	68886
	Rural	523537	90644	293208	35797	230329	54847
	Urban	50494	24274	33901	10235	16593	14039

(Contd.)

Table 2.3(c) (Contd.)

States/UTs	Total / Urban / Rural	Cultivators (Main and Marginal)	Agricultural Labour (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labour (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labour (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Mizoram	Total	229603	41787	129482	22488	100121	19299
	Rural	192194	19085	107813	9555	84381	9530
	Urban	37409	22702	21669	12933	15740	9769
Tripura	Total	295947	353618	228868	214106	67079	139512
	Rural	285729	338922	219951	203358	65778	135564
	Urban	10218	14696	8917	10748	1301	3948
Meghalaya	Total	494675	198364	277330	106342	217345	92022
	Rural	486320	192223	272616	102620	213704	89603
	Urban	8355	6141	4714	3722	3641	2419
Assam	Total	4061627	1845346	3099763	1129210	961864	716136
	Rural	4018907	1814075	3066222	1107173	952685	706902
	Urban	42720	31271	33541	22037	9179	9234
West Bengal	Total	5116688	10188842	4500041	7452814	616647	2736028
	Rural	4952543	9843816	4368282	7172599	584261	2671217
	Urban	164145	345026	131759	280215	32386	64811
Jharkhand	Total	3814832	4436052	2291182	2341700	1523650	2094352
	Rural	3752614	4339302	2247745	2276639	1504869	2062663
	Urban	62218	96750	43437	65061	18781	31689
Odisha	Total	4103989	6739993	3375350	3481836	728639	3258157
	Rural	4030351	6618943	3312661	3404743	717690	3214200
	Urban	73638	121050	62689	77093	10949	43957

(Contd.)

Table 2.3(c) (Contd.)

States/UTs	Total / Urban / Rural	Cultivators (Main and Marginal)	Agricultural Labour (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labour (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labour (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Chhattisgarh	Total	4004796	5091882	2424025	2344549	1580771	2747333
	Rural	3901065	4894820	2354630	2243248	1546435	2651572
	Urban	103731	197062	69395	101301	34336	95761
Madhya Pradesh	Total	9844439	12192267	6591064	6310657	3253375	5881610
	Rural	9473811	11691203	6300435	6009667	3173376	5681536
	Urban	370628	501064	290629	300990	79999	200074
Gujarat	Total	5447500	6839415	4244449	3649591	1203051	3189824
	Rural	5251457	6481295	4079513	3411622	1171944	3069673
	Urban	196043	358120	164936	237969	31107	120151
Daman & Diu	Total	2316	772	1492	362	824	410
	Rural	1654	551	938	193	716	358
	Urban	662	221	554	169	108	52
Dadra & Nagar Haveli	Total	28164	17799	18296	5453	9868	12346
	Rural	26140	16569	16760	4892	9380	11677
	Urban	2024	1230	1536	561	488	669
Maharashtra	Total	12569373	13486140	7592313	6774538	4977060	6711602
	Rural	12216563	12720993	7324880	6307148	4891683	6413845
	Urban	352810	765147	267433	467390	85377	297757
Andhra Pradesh	Total	6491522	16967754	4357304	8130022	2134218	8837732
	Rural	6267888	16102617	4192776	7656866	2075112	8445751
	Urban	223634	865137	164528	473156	59106	391981

(Contd.)

Table 2.3(c) (Contd.)

States/UTs	Total / Urban / Rural	Cultivators (Main and Marginal)	Agricultural Labour (Main and Marginal)	Male Cultivators (Main and Marginal)	Male Agricultural Labour (Main and Marginal)	Female Cultivators (Main and Marginal)	Female Agricultural Labour (Main and Marginal)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Karnataka	Total	6580649	7155963	4753708	3283279	1826941	3872684
	Rural	6340930	6737213	4565677	3047116	1775253	3690097
	Urban	239719	418750	188031	236163	51688	182587
Goa	Total	31354	26760	18848	14816	12506	11944
	Rural	26275	20508	15474	11036	10801	9472
	Urban	5079	6252	3374	3780	1705	2472
Lakshadweep	Total	0	0	0	0	0	0
	Rural	0	0	0	0	0	0
	Urban	0	0	0	0	0	0
Kerala	Total	670253	1322850	546906	857995	123347	464855
	Rural	587029	1083003	478881	690294	108148	392709
	Urban	83224	239847	68025	167701	15199	72146
Tamil Nadu	Total	4248457	9606547	2732479	4842707	1515978	4763840
	Rural	3885657	8408101	2476311	4162199	1409346	4245902
	Urban	362800	1198446	256168	680508	106632	517938
Puducherry	Total	12099	68391	10033	42794	2066	25597
	Rural	8997	58259	7399	35397	1598	22862
	Urban	3102	10132	2634	7397	468	2735
Andaman & Nicobar Islands	Total	16567	4781	12663	3744	3904	1037
	Rural	16185	4620	12364	3614	3821	1006
	Urban	382	161	299	130	83	31

Source: Registrar General of India.

Note: 1. India and Jammu & Kashmir exclude population of those portion of Jammu & Kashmir which are under illegal occupation of Pakistan and China.

Table 2.4: State-wise Percentage of Population Below Poverty Line

States/UTs	2004-05			2009-10			2011-12		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Andhra Pradesh	32.3	23.4	29.6	22.8	17.7	21.1	11.0	5.8	9.2
Arunachal Pradesh	33.6	23.5	31.4	26.2	24.9	25.9	38.9	20.3	34.7
Assam	36.4	21.8	34.4	39.9	26.1	37.9	33.9	20.5	32.0
Bihar	55.7	43.7	54.4	55.3	39.4	53.5	34.1	31.2	33.7
Chhattisgarh	55.1	28.4	49.4	56.1	23.8	48.7	44.6	24.8	39.9
Delhi	15.6	12.9	13.0	7.7	14.4	14.2	12.9	9.8	9.9
Goa	28.1	22.2	24.9	11.5	6.9	8.7	6.8	4.1	5.1
Gujarat	39.1	20.1	31.6	26.7	17.9	23.0	21.5	10.1	16.6
Haryana	24.8	22.4	24.1	18.6	23.0	20.1	11.6	10.3	11.2
Himachal Pradesh	25.0	4.6	22.9	9.1	12.6	9.5	8.5	4.3	8.1
Jammu & Kashmir	14.1	10.4	13.1	8.1	12.8	9.4	11.5	7.2	10.4
Jharkhand	51.6	23.8	45.3	41.6	31.1	39.1	40.8	24.8	37.0
Karnataka	37.5	25.9	33.3	26.1	19.6	23.6	24.5	15.3	20.9
Kerala	20.2	18.4	19.6	12.0	12.1	12.0	9.1	5.0	7.1
Madhya Pradesh	53.6	35.1	48.6	42.0	22.9	36.7	35.7	21.0	31.7
Maharashtra	47.9	25.6	38.2	29.5	18.3	24.5	24.2	9.1	17.4
Manipur	39.3	34.5	37.9	47.4	46.4	47.1	38.8	32.6	36.9
Meghalaya	14.0	24.7	16.1	15.3	24.1	17.1	12.5	9.3	11.9
Mizoram	23.0	7.9	15.4	31.1	11.5	21.1	35.4	6.4	20.4
Nagaland	10.0	4.3	8.8	19.3	25.0	20.9	19.9	16.5	18.9

(Contd.)

Table 2.4 (Contd.)

States/UTs	2004-05			2009-10			2011-12		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Odisha	60.8	37.6	57.2	39.2	25.9	37.0	35.7	17.3	32.6
Puducherry	22.9	9.9	14.2	0.2	1.6	1.2	17.1	6.3	9.7
Punjab	22.1	18.7	20.9	14.6	18.1	15.9	7.7	9.2	8.3
Rajasthan	35.8	29.7	34.4	26.4	19.9	24.8	16.1	10.7	14.7
Sikkim	31.8	25.9	30.9	15.5	5.0	13.1	9.9	3.7	8.2
Tamil Nadu	37.5	19.7	29.4	21.2	12.8	17.1	15.8	6.5	11.3
Tripura	44.5	22.5	40.0	19.8	10.0	17.4	16.5	7.4	14.1
Uttar Pradesh	42.7	34.1	40.9	39.4	31.7	37.7	30.4	26.1	29.4
Uttarakhand	35.1	26.2	32.7	14.9	25.2	18.0	11.6	10.5	11.3
West Bengal	38.2	24.4	34.2	28.8	22.0	26.7	22.5	14.7	20.0
All-India	42.0	25.5	37.2	33.8	20.9	29.8	25.7	13.7	21.9

Source: NITI Aayog

Notes:

1. Poverty estimates are based on the methodology suggested by the 'Expert Group on Methodology for estimation of poverty', chaired by Dr. Suresh D. Tendulkar
2. Number of persons below poverty line in 2004-05 are estimated based on Population as on 1st March 2005 (revised on the basis of 2011 population census)
3. Number of persons below poverty line in 2009-10 are estimated based on Population as on 1st March 2010 (interpolated between 2001 and 2011 population Census)
4. Number of persons below poverty line in 2011-12 are estimated based on Population as on 1st March 2012 (2011 Census population extrapolated)
5. Poverty line of Tamil Nadu is used for Andaman and Nicobar Island.
6. Urban Poverty Line of Punjab is used for both rural and urban areas of Chandigarh.
7. Poverty Line of Maharashtra is used for Dadra & Nagar Haveli.
8. Poverty Line of Goa is used for Daman & Diu
9. Poverty Line of Kerala is used for Lakshadweep.

Table 2.5: Population & Labour Force Projections

Year	2011	2012	2013	2014	2015	2016	2017
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total Population (0+) (in millions)	1210.2	1227.1	1244.0	1260.6	1277.1	1293.5	1309.7
Population (15 & above) (in millions)	849.6	871.3	893.2	915.2	937.4	959.8	982.2
15 & above population (%)	70.2	71.0	71.8	72.6	73.4	74.2	75.0
Labour Force (15 & above) (in millions)	477.9	482.7	487.2	491.5	495.4	499.1	502.4
LFPR for 15 and above age group (%)	56.3	55.4	54.5	53.7	52.8	52.0	51.2

Source: 12th Plan Document, Volume III, Chapter 22: Employment & Skill Development

Table 2.6(a): Gross Value Added (GVA) at basic prices by Economic Activity
(at 2011-12 prices)

S. No.	Industry	(1)	(2)	(3)	(4)	(5)	(6)
				2011-12(NS)	2012-13(NS)	2013-14(NS)	2014-15(PE)
							(₹ crore)
1.	Agriculture, forestry and fishing			150580	1523470	1579290	1582851
1.1	Crops			986604	985194	1017921	
1.2	Livestock			324013	340661	359312	
1.3	Forestry and logging			129105	128160	128550	
1.4	Fishing and aquaculture			65858	69455	73507	
2.	Mining and quarrying			262813	262253	276380	283062
3.	Manufacturing			1482158	1574471	1658176	1776469
3.1	Food Products, Beverages and Tobacco			164211	160960	167084	
3.2	Textiles, Apparel and Leather Products			149695	193215	205338	
3.3	Metal Products			294827	223142	238557	
3.4	Machinery and Equipment			316486	353540	377882	
3.5	Other Manufactured Goods			556939	643614	669315	
4.	Electricity, gas, water supply & other utility services			194403	202224	211846	228579
5.	Construction			774093	740518	758887	795066
6.	Trade, repair, hotels and restaurants			882957	973800	1103532	1232077
6.1	Trade & repair services			792996	880867	1006951	
6.2	Hotels & restaurants			89962	92933	96581	
7.	Transport, storage, communication & services related to broadcasting			530163	574939	616981	672123
7.1	Railways			61210	72249	78940	
7.2	Road transport			260888	280365	294326	

(Contd.)

Table 2.6(a) (Contd.)

S. No.	Industry	2011-12(NS)	2012-13(NS)	2013-14(NS)	2014-15(PE)
(1)	(2)	(3)	(4)	(5)	(6)
7.3	Water transport	7193	7417	7671	
7.4	Air transport	4454	4192	4444	
7.5	Services incidental to transport	63573	69153	71771	
7.6	Storage	5292	5928	6011	
7.7	Communication & services related to broadcasting	127553	135635	153818	
8	Financial, Real Estate & Professional Services	1539575	1675405	1807338	2015912
8.1	Financial services	480232	512313	545107	
8.2	Real estate, ownership of dwelling & professional services	1059342	1163092	1262231	
9	Public Administration, Defence & other services	1023803	1072144	1157357	1240950
9.1	Public administration and defence	492405	507948	532596	
9.2	Other services	531398	564196	624761	
10.	TOTAL GVA at basic prices	8195546	8599224	9169787	9827089
11.	Total Net Value Added at basic prices	7286889	7619726	8120808	8702917
12.	Product Taxes less Product Subsidies	636466	681579	751319	816894
13.	Net Factor Income from Abroad	-76824	-107878	-120293	-130820
14.	NNI	7846531	8193427	8751834	9388992
15.	Per Capita Income (in Rupees)	64316	66344	69959	74104

Source: Central Statistics Office.

PE: Provisional Estimates, NS: New Series Estimates

Table 2.6(b): Gross Value Added (GVA) at basic prices by Economic Activity

(at current prices)							(₹ crore)
S. No.	Industry	(1)	(2)	(3)	(4)	(5)	(6)
1.	Agriculture, forestry and fishing			1505580	1668676	1881152	1964506
1.1	Crops			986604	1080421	1233595	
1.2	Livestock			324013	367318	406035	
1.3	Forestry and logging			129105	142886	144698	
1.4	Fishing and aquaculture			65858	78051	96824	
2.	Mining and quarrying			262813	284771	298544	275812
3.	Manufacturing			1482158	1654084	1808370	1984173
3.1	Food Products, Beverages and Tobacco			164211	171900	186611	
3.2	Textiles, Apparel and Leather Products			149695	197622	222320	
3.3	Metal Products			294827	237157	251563	
3.4	Machinery and Equipment			316486	364953	401305	
3.5	Other Manufactured Goods			556939	682452	746571	
4.	Electricity, gas, water supply & other utility services			194403	213826	244220	278593
5.	Construction			774093	801884	868808	928418
6.	Trade, repair, hotels and restaurants			882957	1046241	1257324	1431836
6.1	Trade & repair services			792996	946401	1147274	
6.2	Hotels & restaurants			89962	99840	110050	
7	Transport, storage, communication & services related to broadcasting			530163	614236	688736	773448
7.1	Railways			61210	72386	79759	
7.2	Road transport			260888	303132	334086	

(Contd.)

Table 2.6(b) (Contd.)

S. No.	Industry	2011-12 (NS)	2012-13 (NS)	2013-14 (NS)	2014-15 (PE)
(1)	(2)	(3)	(4)	(5)	(6)
7.3	Water transport	7193	7468	7664	
7.4	Air transport	4454	7989	6621	
7.5	Services incidental to transport	63573	72205	76583	
7.6	Storage	5292	6254	6844	
7.7	Communication & services related to broadcasting	127553	144802	177179	
8	Financial, Real Estate & Professional services	1539575	1807699	2074623	2372103
8.1	Financial services	480232	546440	609464	
8.2	Real estate, ownership of dwelling & professional services	1059342	1261259	1465159	
9	Public Administration, Defence & other services	1023803	1160634	1355362	1541351
9.1	Public administration and defence	492405	554375	630500	
9.2	Other services	531398	606259	724862	
10.	Total GVA at basic prices	8195546	9252051	10477139	11550240
11.	NVA at basic prices	7286889	8222007	9328494	10283946
12.	Net taxes on Products	636466	736489	867916	990969
13.	Net Factor Income from Abroad	-76824	-116763	-139887	-157300
14.	NNI	7846531	8841733	10056523	11117615
15.	Per Capita Income (in Rupees)	64316	71593	80388	87748

Source: Central Statistics Office.

PE: Provisional Estimates, NS: New Series Estimates

2.6 (c): Percentage share of Gross Value Added (GVA) at 2011-12 Prices

S.No.	Industry	2011-12	2012-13	2013-14	2014-15 (PE)
(1)	(2)	(3)	(4)	(5)	(6)
1	Agriculture, forestry & fishing	18.4	17.7	17.2	16.1
1.1	Crops	12.0	11.5	11.1	
1.2	Livestock	4.0	4.0	3.9	
1.3	Forestry and logging	1.6	1.5	1.4	
1.4	Fishing and aquaculture	0.8	0.8	0.8	
2	Industry	33.1	32.3	31.7	31.4
2.1	Mining & quarrying	3.2	3.0	3.0	2.9
2.2	Manufacturing	18.1	18.3	18.1	18.1
2.3	Electricity, gas, water supply & other utility services	2.4	2.4	2.3	2.3
2.4	Construction	9.4	8.6	8.3	8.1
3	Services	48.5	50.0	51.1	52.5
4	Gross Value Added at basic prices	100.0	100.0	100.0	100.0

Source: Central Statistics Office.

Table 2.6 (d): Percentage Growth of Gross Value Added (GVA) at 2011-12 Prices

S.No.	Industry	2012-13	2013-14	2014-15 (PE)
(1)	(2)	(3)	(4)	(5)
1	Agriculture, forestry & fishing	1.2	3.7	0.2
1.1	Crops	-0.1	3.3	
1.2	Livestock	5.1	5.5	
1.3	Forestry and logging	-0.7	0.3	
1.4	Fishing and aquaculture	5.5	5.8	
2	Industry	2.4	4.5	6.1
2.1	Mining & quarrying	-0.2	5.4	2.4
2.2	Manufacturing	6.2	5.3	7.1
2.3	Electricity, gas, water supply & other utility services	4.0	4.8	7.9
2.4	Construction	-4.3	2.5	4.8
3	Services	8.0	9.1	10.2
4	Gross Value Added at basic prices	4.9	6.6	7.2

Source: Central Statistics Office.
PE: Provisional Estimates

Table 2.6 (e): Gross Domestic Product by Economic Activity at Constant Prices (2004-05 series)

S. No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
	(2)	(3)	(3)	(4)	(5)	(6)	(7)	(8)
1	Agriculture, Forestry & Fishing	565426	594487	619190	655080	655689	660987	717814
1.1	Agriculture	476634	502996	523745	556956	555442	557715	610905
1.2	Forestry & logging	61640	62742	64795	65697	66932	68877	70509
1.3	Fishing	27152	28749	30650	32427	33315	34395	36400
2	Industry	829783	910413	1021204	1119995	1169736	1276919	1373339
2.1	Mining & quarrying	85028	86141	92578	95997	98055	103830	110617
2.2	Manufacturing	453225	499020	570458	629073	656302	730435	795152
2.2.1	Registered	292344	327739	379374	417528	442055	504601	555240
2.2.2	Unregistered	160881	171281	191084	211545	214247	225834	239912
2.3	Electricity, gas & water supply	62675	67123	73362	79430	83050	88218	92862
2.4	Construction	228855	258129	284806	315495	332329	354436	374708
3	Services	1576255	1748173	1923970	2121561	2333251	2578165	2827380
3.1	Trade, hotels & restaurant	477303	535397	594918	655013	692224	747019	836352
3.1.1	Trade	433967	484521	536693	589242	628627	682207	764018
3.1.2	Hotels & restaurants	43336	50876	58225	65771	63597	64812	72334
4	Transport, storage & communication	250417	280010	315166	354507	392901	450872	507672
4.1	Railways	29162	31339	34832	38235	41161	44763	47404
4.2	Transport by other means	169995	185741	202367	219969	231564	248380	268669
4.3	Storage	1980	2073	2298	2375	2711	3233	3353
4.4	Communication	49280	60857	75669	93928	117465	154496	188246

(Contd.)

Table 2.6(e) (Contd.)

S. No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
(1)	(2)	(3)	(3)	(4)	(5)	(6)	(7)	(8)
5	Financing, insurance, real Estate & business services	437174	492340	561063	628124	703629	771905	849189
5.1	Banking & insurance	171098	198158	238899	278776	317826	353983	406609
5.2	Real estate, ownership of dwellings, Business & legal services	266076	294182	322164	349348	385803	417922	442580
6	Community, social & Personal services	411361	440426	452823	483917	544497	608369	634167
6.1	Public administration & defence	174638	182212	185639	199773	239349	281365	280268
6.2	Other services	236723	258214	267184	284144	305148	327004	353899
7	Gross Domestic Product at factor cost (1 to 9)	2971464	3253073	3564364	3896636	4158676	4516071	4918533
8	Total Net Domestic Product at Factor cost	2651573	2902180	3178664	3469008	3689772	3994165	4348233
9	Net Factor Income from Abroad	-22375	-24896	-29515	-17179	-25384	-27757	-54647
10	NNP at Factor Cost	2629198	2877284	3149149	3451829	3664388	3966408	4293586
11	Per Capita Income (in Rupees)	24143	26015	28067	30332	31754	33901	36202

Source: Central Statistics Office.

*. First Revised Estimates

Table 2.6 (f): Gross Domestic Product by Economic Activity at Current Prices (2004-05 series)

S. No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Agriculture, Forestry & Fishing	565426	637772	722984	836518	943204	1083514	1319686
1.1	Agriculture	476634	536822	604672	716276	806646	928,586	1,143,517
1.2	Forestry & logging	61640	69251	83130	81311	92485	104,558	118,898
1.3	Fishing	27152	31699	35182	38931	44073	50,370	57,271
2	Industry	829783	953872	1140197	1330270	1500254	1,695,796	1,968,450
2.1	Mining & quarrying	85028	94462	106787	124812	139828	159,304	204,866
2.2	Manufacturing	453225	521669	634828	732720	818322	922151	1072489
2.2.1	Registered	292344	345443	427075	492758	561460	643,538	754,553
2.2.2	Unregistered	160881	176226	207753	239962	256862	278,613	317,936
2.3	Electricity, gas & water supply	62675	69107	76153	83830	91070	113,883	119,560
2.4	Construction	228855	268634	322429	388908	451034	500,458	571,535
3	Services	1576255	1798859	2090095	2415298	2860109	3329593	3960723
3.1	Trade, hotels & restaurant	477303	566929	675347	783247	895397	1010232	1250472
3.1.1	Trade	433967	513238	609623	705025	813503	923,004	1,143,104
3.1.2	Hotels & restaurants	43336	53691	65724	78222	81894	87,228	107,368
4	Transport, storage & communication	250417	279677	323032	366797	415448	471391	529158
4.1	Railways	29162	30771	37429	43608	47478	55,571	56,877
4.2	Transport by other means	169995	192716	224389	254404	289327	325,126	387,533
4.3	Storage	1980	2155	2520	2716	3213	4,211	4,649
4.4	Communication	49280	54035	58694	66069	75430	86,483	80,099

(Contd.)

Table 2.6(f) (Contd.)

S. No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
5	Financing, insurance, real	437174	493102	586595	691464	845369	964937	1165243
	Estate & business services							
5.1	Banking & insurance	171098	184118	217196	251195	298931	331,793	410,407
5.2	Real estate, ownership of dwellings,	266076	308984	369399	440269	546438	633,144	754,836
	Business & legal services							
6	Community, social &	411361	459151	505121	573790	703895	883033	1015850
	Personal services							
6.1	Public administration & defence	174638	189827	206081	234992	306653	403,641	442,120
6.2	Other services	236723	269324	299040	338798	397242	479,392	573,730
7	Gross Domestic Product at	2971464	3390503	3953276	4582086	5303567	6108903	7248860
	Factor cost (1 to 9)							
8	Total Net Domestic Product at	2651573	3026782	3534547	4097390	4738370	5449104	6488641
	Factor cost							
9	Net Factor Income from Abroad	-22375	-26116	-33234	-20512	-32923	-38000	-81807
10	NNP at Factor Cost	2629198	3000666	3501313	4076878	4705447	5411104	6406834
11	Per Capita NNP (in Rupees)	24143	27131	31206	35825	40775	46249	54021

Source: Central Statistics Office.

§- Second Revised Estimates

*- First Revised Estimates

** Provisional Estimates

Table 2.6 (g): Percentage Share of Gross Domestic Product (GDP) at 2004-05 Prices

Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
I. Agriculture, forestry & fishing	19.0	18.3	17.4	16.8	15.8	14.6	14.6
Agriculture	16.0	15.5	14.7	14.3	13.4	12.3	12.4
Forestry & logging	2.1	1.9	1.8	1.7	1.6	1.5	1.4
Fishing	0.9	0.9	0.9	0.8	0.8	0.8	0.7
II. Industry	27.9	28.0	28.7	28.7	28.1	28.3	27.9
Mining & quarrying	2.9	2.6	2.6	2.5	2.4	2.3	2.2
Manufacturing	15.3	15.3	16.0	16.1	15.8	16.2	16.2
Electricity, gas & water supply	2.1	2.1	2.1	2.0	2.0	2.0	1.9
Construction	7.7	7.9	8.0	8.1	8.0	7.8	7.6
III. Services	53.0	53.7	54.0	54.4	56.1	57.1	57.5
Gross Domestic Product at factor cost	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Central Statistics Office.

Table 2.6 (h): Percentage Growth of Gross Domestic Product (GDP) at 2004-05 Prices

Industry	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
(1)	(2)	(3)	(4)	(5)	(6)	(7)
I. Agriculture, forestry & fishing	5.1	4.2	5.8	0.1	0.8	8.6
Agriculture	5.5	4.1	6.3	-0.3	0.4	9.5
Forestry & logging	1.8	3.3	1.4	1.9	2.9	2.4
Fishing	5.9	6.6	5.8	2.7	3.2	5.8
II. Industry	9.7	12.2	9.7	4.4	9.2	7.6
Mining & quarrying	1.3	7.5	3.7	2.1	5.9	6.5
Manufacturing	10.1	14.3	10.3	4.3	11.3	8.9
Electricity, gas & water supply	7.1	9.3	8.3	4.6	6.2	5.3
Construction	12.8	10.3	10.8	5.3	6.7	5.7
III. Services	10.9	10.1	10.3	10.0	10.5	9.7
Gross Domestic Product at factor cost	9.5	9.6	9.3	6.7	8.6	8.9

Source: Central Statistics Office.

Table 2.7(a): Gross State Domestic Product from Agriculture and Allied Sector at Constant (2004-05) Prices

State\UT	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	4023173	3961198	4088690	4821532	4735782	5059754	5001947	5162439	5547341	5987882	6341361
Arunachal Pradesh	122443	119383	131122	147115	136921	135085	153318	168969	171963	178979	184574
Assam	1365566	1400591	1427369	1467602	1496102	1599220	1644740	1672528	1726028	1800965	1864497
Bihar	2452979	2172883	2705570	2503527	2976649	2570808	3000165	3375476	3653278	3427352	3578129
Chhattisgarh	1015910	1145462	1196815	1308379	1178235	1278393	1553055	1599078	1799231	1824097	1872730
Goa	99811	123330	103611	105195	97536	98312	99949	101396	96805	110164	NA
Gujarat	3270600	4026200	3996700	4345600	4034000	4004200	4870896	5137868	4677744	6001467	NA
Haryana	2212502	2172544	2479994	2478469	2657219	2618772	2755344	2972020	2954658	3044943	3042922
Himachal Pradesh	613297	651184	646707	704787	698252	620135	734608	709171	776488	880157	NA
Jammu & Kashmir	766153	767955	776071	781108	811001	807177	874620	894790	881911	927226	789072
Jharkhand	891672	924191	1040499	1098844	1280921	1201326	1254965	1584185	1681545	1821194	1976448
Karnataka	3118984	3428434	3330984	3743086	3827906	3983733	4627926	4321144	4426178	4843558	5063572
Kerala	2084375	2188216	2050767	2025514	2065657	2033328	1903856	1997074	2024622	1997187	NA
Madhya Pradesh	3123830	3343877	3422388	3371464	3669792	3997137	4006773	4543033	5368512	6463478	7681727
Maharashtra	4492660	4906200	5594548	6364150	5380755	5435801	6574679	6406520	6438432	6931137	6344143
Manipur	127024	126644	126745	139434	152538	173267	141733	145099	159335	164260	NA
Meghalaya	152507	159973	162098	160612	167274	171050	174249	182173	198900	212439	226210
Mizoram	63025	64053	64227	73258	82198	89737	104474	101221	101257	101332	NA
Nagaland	202912	208092	210112	211403	227315	233878	253538	267043	277548	288645	300213
Odisha	1825698	1886717	1923241	2012888	2050447	2209191	2251182	2237834	2483298	2240477	2286606

(Contd.)

Table 2.7(a) (Contd.)

State\UT	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Punjab	3161249	3191433	3282420	3407949	3477186	3466610	3523584	3588605	3608220	3722989	3704335
Rajasthan	3272993	3283043	3529677	3586702	3737060	3636497	4962131	4908855	4895954	5147852	5289560
Sikkim	32325	33660	33690	35009	36510	38056	39904	55212	56405	58307	NA
Tamil Nadu	2436179	2759171	3124432	2986746	2918274	3103600	3335347	3667249	3259956	3498791	3671686
Telangana	1611215	2017739	2007884	2334738	2475052	2166440	2585760	2576545	2872593	3113607	2792565
Tripura	223164	230328	248996	291763	308285	324317	361445	367462	385246	414110	NA
Uttar Pradesh	7757076	7938533	8130574	8416275	8736317	8701753	9111541	9621311	10068959	10187757	10615385
Uttarakhand	552040	534257	559139	570823	549924	602899	629297	654555	712462	694587	730168
West Bengal	4993552	5104529	5212864	5536465	5406310	5781448	5660323	5705989	5896069	6073690	6274673
A & N islands	29874	22900	30349	30546	32884	33228	34613	35641	36767	37692	NA
Chandigarh	7708	7908	7951	8000	8521	7405	6891	5808	5299	5268	NA
Delhi	109448	105697	106908	103907	103234	130696	141034	142367	144486	151865	156220
Puducherry	30482	29445	32404	31971	47069	39277	49341	42254	50994	54052	59579

Source: Central Statistics Office (CSO)

Note: Agriculture and Allied Sector includes Agriculture, Forestry, logging and Fishing.

NA : Not Available

Table 2.7(b): Gross State Domestic Product from Agriculture (including Livestock) for 2014-15 (at Constant 2004-05 Prices)
(In Lakh Rupees)

Sl. No.	State/UT	GSDP from Agriculture	Total GSDP	% Share of Agriculture in Total GSDP
(1)	(2)	(3)	(4)	(5)
1.	Andhra Pradesh	4455876	26452092	16.85
2.	Arunachal Pradesh	112324	632124	17.77
3.	Assam	1526568	9243163	16.52
4	Bihar	3156735	18978925	16.63
5.	Chhattisgarh	1414973	10084247	14.03
6.	Goa	NA	NA	NA
7.	Gujarat	NA	NA	NA
8.	Haryana	2870676	21514573	13.34
9.	Himachal Pradesh	NA	NA	NA
10.	Jammu & Kashmir	647728	4512631	14.35
11.	Jharkhand	1640019	11874316	13.81
12.	Karnataka	4300176	34410571	12.50
13.	Kerala	NA	NA	NA
14.	Madhya Pradesh	7249726	25353258	28.59
15.	Maharashtra	4863579	94754976	5.13
16.	Manipur	NA	NA	NA
17.	Meghalaya	180538	1456112	12.40
18.	Mizoram	NA	NA	NA
19.	Nagaland	234222	1213965	19.29
20.	Odisha	1832585	14857608	12.33

(Contd.)

Table 2.7(b) (Contd.)

Sl. No.	State/UT	GSDP from Agriculture	Total GSDP	% Share of Agriculture in Total GSDP
(1)	(2)	(3)	(4)	(5)
21.	Punjab	3493847	18329810	19.06
22.	Rajasthan	4712674	27222748	17.31
23.	Sikkim	NA	NA	NA
24.	Tamil Nadu	3151154	51545756	6.11
25.	Telangana	2458308	21743200	11.31
26.	Tripura	NA	NA	NA
27.	Uttar Pradesh	9648201	49238380	19.59
28.	Uttarakhand	522840	7755209	6.74
29.	West Bengal	4779796	39838651	12.00
30.	A & N islands	NA	NA	NA
31.	Chandigarh	NA	NA	NA
32.	Delhi	147908	23802650	0.62
33.	Puducherry	38741	1570141	2.47

Source: Central Statistics Office(CSO)

NA- Not Available

Table 2.8: Share of Agriculture & Allied Sector in Gross State Domestic Product at current Prices (2004-05 series)

Sr. No.	State/UT	GSDP from Agriculture and Allied				% Share of Agriculture & Allied in Total GSDP			% Growth over previous year		(₹ Lakh)
		2012-13	2013-14	2014-15		2012-13	2013-14	2014-15	2013-14	2014-15	
		(3)	(4)	(5)		(6)	(7)	(8)	(9)	(10)	
(1)	(2)										
1	Andhra Pradesh	11401272	12922691	14349806	27.80	27.84	27.59	13.34	11.04		
2.	Arunachal Pradesh	559223	614879	708395	47.25	45.39	45.44	9.95	15.21		
3.	Assam	3203456	3720595	4165430	23.15	23.33	22.66	16.14	11.96		
4.	Bihar	7931474	8189648	9223120	27.01	23.83	22.93	3.26	12.62		
5.	Chhattisgarh	3580220	3961477	4523068	21.61	21.33	21.52	10.65	14.18		
6.	Goa	255180	391578	NA	6.02	8.01	NA	53.45	NA		
7.	Gujarat	11393015	15626637	NA	17.30	20.41	NA	37.16	NA		
8.	Haryana	6901812	7860506	8177291	20.22	20.21	18.78	13.89	4.03		
9.	Himachal Pradesh	1432832	1610320	NA	19.44	19.50	NA	12.39	NA		
10.	Jammu & Kashmir	1719326	2116844	1930327	22.35	24.17	21.96	23.12	-8.81		
11.	Jharkhand	2782135	3212144	3711629	18.35	18.59	18.79	15.46	15.55		
12.	Karnataka	8576985	10497236	12309538	16.41	17.08	17.53	22.39	17.26		
13.	Kerala	4970471	5418928	NA	14.29	13.67	NA	9.02	NA		
14.	Madhya Pradesh	10391448	14442945	18656743	28.76	33.22	36.73	38.99	29.18		
15.	Maharashtra	14246930	17022854	16655868	10.77	11.27	9.87	19.48	-2.16		
16.	Manipur	280180	305990	NA	22.07	21.36	NA	9.21	NA		
17.	Meghalaya	310621	347800	381851	16.34	15.87	15.07	11.97	9.79		
18.	Mizoram	151960	167424	NA	18.17	16.26	NA	10.18	NA		
19.	Nagaland	408232	466534	533180	26.04	26.28	26.53	14.28	14.29		
											(Contd.)

(Contd.)

Table 2.8 (Contd.)

Sr. No.	State/UT	GSDP from Agriculture and Allied			% Share of Agriculture & Allied in Total GSDP			% Growth over previous year	
		2012-13	2013-14	2014-15	2012-13	2013-14	2014-15	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20.	Odisha	5143464	5161393	5844937	20.47	18.91	18.81	0.35	13.24
21.	Punjab	8187765	8931576	9334880	28.72	28.13	26.68	9.08	4.52
22.	Rajasthan	13211952	14583528	15813297	28.10	28.17	27.52	10.38	8.43
23.	Sikkim	110243	124798	NA	10.53	10.08	NA	13.20	NA
24.	Tamil Nadu	8661891	10001500	11375548	11.63	11.71	11.65	15.47	13.74
25.	Telangana	6948003	8054441	7706078	20.02	20.56	17.90	15.92	-4.33
26.	Tripura	543788	627264	NA	23.96	23.40	NA	15.35	NA
27.	Uttar Pradesh	22946940	24256859	28241465	29.40	28.12	28.93	5.71	16.43
28.	Uttarakhand	1666660	1736918	2000355	15.40	14.13	14.42	4.22	15.17
29.	West Bengal	13723360	16651292	18912552	22.75	23.57	23.62	21.34	13.58
30.	A & N islands	55331	57603	NA	9.82	9.37	NA	4.11	NA
31.	Chandigarh	10718	11629	NA	0.43	0.40	NA	8.50	NA
32.	Delhi	331211	376721	377401	0.99	0.96	0.84	13.74	0.18
33.	Puducherry	95186	118204	123744	5.67	5.61	4.79	24.18	4.69

Source: Central Statistics Office (CSO)

Note: Agriculture and Allied Sector includes Agriculture, Forestry, logging and Fishing.

NA : Not Available

3

Outlays, Expenditure and Capital Formation in Agriculture

Table 3.1 : Share of Public Sector Outlays and Expenditure under Agriculture and Allied Activities

Five Year Plan / Annual Plan	Agriculture and Allied Activities		Total Plan Outlay		% share of Agriculture and Allied Activities	
	Plan Outlays (2)	Actual Expenditure (3)	Plan Outlays (4)	Actual Expenditure (5)	Plan Outlays (6)	Actual Expenditure (7)
(1)						
Ninth Plan (1997-2002)	42462	37239 \$	859200	941041 \$	4.9	4.0
Annual Plan (1997-98)	6974	5929	155905	129757	4.5	4.6
Annual Plan (1998-99)	8687	7698	185907	151580	4.7	5.1
Annual Plan (1999-2000)	8796	7365	192263	160608	4.6	4.6
Annual Plan (2000-2001)	8281	7577	203359	185737	4.1	4.1
Annual Plan (2001-2002)	9097	8248	228893	186315	4.0	4.4
Tenth Plan (2002-07)	58933	60702 \$	1525639	1618460 \$	3.9	3.8
Annual Plan (2002-2003)	9977	7655	247897	210203	4.0	3.6
Annual Plan (2003-2004)	9940	8776	256042	224827	3.9	3.9
Annual Plan (2004-2005)	11109	10963	287843	263665	3.9	4.2
Annual Plan (2005-2006)	13840	12554	361239	247177	3.8	5.1
Annual Plan (2006-2007)	16163	16573	441285	309912	3.7	5.3
Eleventh Plan (2007-12)	136381	163105 \$	3644718	3676936 \$	3.7	4.4
Annual Plan (2007-2008)	17971	20083	558765	475012	3.2	4.2
Annual Plan (2008-2009)	27270	27117	684288	628161	4.0	4.3
Annual Plan (2009-2010)	28772	29498	794616	717035	3.6	4.1
Annual Plan (2010-2011)	36983	40370	929725	826268	4.0	4.9
Annual Plan (2011-2012)	46255	46037	1097204	1030461	4.2	4.5

(Contd.)

₹ Crore

(Contd.)

Table: 3.1 (Contd.)

(1)	Five Year Plan / Annual Plan		Agriculture and Allied Activities		Total Plan Outlay		% share of Agriculture and Allied Activities	
	Plan Outlays	(2)	Plan Outlays	(3)	Plan Outlays	(4)	Plan Outlays	(6)
			Actual Expenditure	(5)	Actual Expenditure	(7)	Actual Expenditure	(8)
Twelfth Plan (2012-17)*	363273	NA	NA	NA	7669807	NA	4.7	N.A
Annual Plan (2012-2013)	56669	52521	971951	5.4	1251715	971951	4.5	5.4
Annual Plan (2013-2014)	64098	61356(RE)	1281022(RE)	4.8	1370936	1281022(RE)	4.7	4.8
Annual Plan (2014-15)##	11531	10199(RE)	426811(RE)	2.4	484532	426811(RE)	2.4	2.4
Annual Plan (2015-16)##	11657	NA	NA	NA	578382	NA	2.0	NA

Source: Economic Survey and Budget Documents, Ministry of Finance

Notes:

1. Figures include Outlays and Expenditure by Centre, States and Union Territories.

2. Actual Central Expenditure figures are including IEBR from 2009-10 onwards

* 12th Plan projections (At current prices).

For Centre only, as figures for States & UTs are not yet available.

NA - Not Available

\$ Indicates 9th, 10th and 11th Plan Realization.

Table 3.2: Public Sector Outlays/ Expenditure

Sl. No.	Sector	₹ (Crore)											
		9th Plan		10th Plan		11th Plan		2007-08		2008-09		2009-10	
		Outlays	(3)	Outlays	(4)	Outlays	(5)	BE	AE	BE	AE	BE	AE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Agriculture and Allied Activities	42462	58933	136381	17971	20083	27270	27117	28772	29498	36983	40370	
2	Rural Development	73439	121928	301069	32496	34309	39268	5080	64748	58615	70797	67008	
3	Special Area Programmes	3649	20879	26329	7732	6607	8372	6999	8295	7875	8860	10093	
4	Irrigation & Flood Control	55598	103315	210326	38547	38275	48094	41164	50489	42853	54948	46049	
5	Energy	215545	403927	854123	106246	33744	127496	39980	154012	148372	195333	150251	
6	Industry & Minerals	69972	58939	153600	25002	11379	34919	13343	45208	39041	52228	45056	
7	Transport	121324	225977	572443	101831	59963	121116	67849	135543	127356	145328	139542	
8	Communications	47616	98968	95380	25813	794	21937	981	16731	14749	18529	10336	
9	Science, Technology & Environment	25529	30424	87933	11791	9909	13278	11860	15647	13267	18644	15949	
10	General Economic Services	15038	38630	62523	11662	10175	17970	11108	16332	11482	20097	20496	
11	Social Services	182005	347391	1102327	172608	140397	216548	190813	247331	215955	295896	272031	
12	General Services	11940	16328	42283	7066	6243	8020	6999	11508	7972	12082	9088	
	Total	859201	1525639	3644717	558765	371878	684288	477293	794616	717035	929725	826269	(Contd.)

Table: 3.2 (Contd.)

Sl. No.	Sector	2011-12			2012-13			2013-14			2014-15			2015-16		
		BE	AE	Outlays	BE	AE	RE	BE	RE	BE	RE	BE	RE	BE	RE	BE
(1)	(2)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
1	Agriculture and Allied Activities	46255	46037	363273	56669	52521	64098	61356	11531	10199	11637					
2	Rural Development	75821	37599	457464	72248	66194	77307	73255	3082	1877	3131					
3	Special Area Programmes	12413	0	80370	15342	11289	18392	18095	0	0	0					
4	Irrigation & Flood Control	64001	506	422012	72169	54394	78211	71253	1797	896	772					
5	Energy	208436	121855	1438466	208711	179438	221095	238019	166275	154878	167342					
6	Industry & Minerals	56400	36235	377302	71491	46786	64602	51428	40209	39397	43113					
7	Transport	171344	107532	1204172	183015	145002	196628	175543	116202	106242	193417					
8	Communications	20256	6586	80984	15411	6289	12380	9333	13009	13027	12032					
9	Science, Technology & Environment	22160	11735	167350	24220	18304	26874	22664	18792	14821	19023					
10	General Economic Services	35179	19697	305612	51525	37079	63022	47660	26318	17303	20333					
11	Social Services	356713	145352	2664843	419267	340266	476980	443357	79411	64284	81003					
12	General Services	28226	5305	107959	66040	14390	71347	69060	7906	3887	26559					
Total		1097204	538439	7669807	1256108	971951	1370936	1281023	484532	426811	578382					

Source: Economic Survey and Budget Documents, Ministry of Finance.

For Centre only, as figures for States & UTs are not available. * 12th Plan Projection.

Figures include Outlays and Expenditure by Centre, States and Union Territories.

Table 3.3 : Disaggregated Public Sector Outlays / Expenditure under Agriculture and allied Activities

S. No.	Sector	2002-03		2003-04		2004-05		2005-06		2006-07		2007-08 (##)		2008-09 (##)	
		BE	AE	BE	AE	BE	AE	BE	RE*	BE	RE*	BE	RE*	BE	RE*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Crop Husbandry	3361	2597	3726	3329	4240	3938	5624	5225	6196	4012	4657	4921	5902	5840
2	Horticulture	0	59	0	82	118	185	189	196	335	NA	NA	NA	NA	NA
3	Soil & Water Conservation	1315	544	893	650	976	884	941	839	1072	21	21	21	11	13
4	Animal Husbandry	506	371	545	457	661	643	909	821	1071	440	540	467	620	601
5	Dairy Development	87	105	93	73	116	110	154	155	187	67	80	101	89	89
6	Fisheries	314	269	297	241	375	350	473	417	660	175	284	171	291	209
7	Forestry & Wild Life	2032	1520	2070	1831	2048	1779	2296	2536	2769	511	627	694	751	776
8	Plantation	177	211	245	172	301	276	345	296	378	310	274	262	313	316
9	Food Storage & Warehousing	186	218	186	89	126	138	233	233	332	234	333	269	225	223
10	Agriculture, Research & Edn.	1026	939	1020	1018	1257	1163	1434	1374	1768	1287	1458	1291	1584	1584
11	Agricultural Financial Inst.	57	82	50	60	82	33	66	60	124	5	NA	NA	NA	NA
12	Cooperation	703	443	583	453	494	1016	618	805	829	162	124	142	137	137
13	Other Agricultural Programmes	214	297	232	321	315	447	557	481	442	168	160	205	152	181
Total		9978	7655	9940	8776	11109	10962	13840	13438	16163	7392	8558	8544	10075	9969

(Contd.)

Table: 3.3 (Contd.)

S. No.	Sector	2009-10 (##)		2010-11 (##)		2011-12 (##)		2012-13 (##)		2013-14 (##)		2014-15 (##)		2015-16 (##)	
		BE	AE	BE	AE	BE	AE	BE	AE	BE	AE	BE	AE	BE	AE
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Crop Husbandry	6165	6545	7084	9813	7891	8066	9034	8660	9876	9185	4432	3857	4339	
2	Horticulture	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3	Soil & Water Conservation	14	14	16	14	15	15	16	15	19	16	18	17	18	
4	Animal Husbandry	627	507	855	715	950	724	1063	888	975	925	172	151	130	
5	Dairy Development	89	86	76	85	223	196	353	524	525	502	411	365	482	
6	Fisheries	411	341	242	291	270	304	299	297	317	316	423	302	411	
7	Forestry & Wild Life	849	929	796	929	786	914	907	806	1041	884	379	318	275	
8	Plantation	305	390	331	474	415	595	446	501	458	468	370	347	360	
9	Food Storage & Warehousing	295	235	498	502	644	703	787	764	801	1222	727	1169	1090	
10	Agriculture, Research & Edn.	NA	1707	2070	2522	2492	2573	2898	2461	3113	2451	3354	2211	3321	
11	Agricultural Financial Inst.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
12	Cooperation	137	113	82	103	222	124	125	104	121	112	125	99	112	
13	Other Agricultural Programmes	153	147	258	268	836	1980	1764	2008	1535	1707	1120	1364	1120	
	Total	9045	11014	12308	15716	14744	16194	17692	17030	18781	17788	11531	10199	11657	

Source : 1. Plan Documents and Budget Documents. For State Outlays, States Plans Division, Planning Commission.

Notes : Totals may not tally due to rounding off of the figures. BE - Budget Estimates. RE - Revised Estimates

##: For Centre only, as figures for States & UTs are not available in sub head wise.

* As sub-head Actual Expenditure figures are not available before 2009-10, Revised Estimates figures have been taken into account

Table 3.4(a): Budget Estimate, Revised Estimate and Actual Expenditure
(Department of Agriculture, Cooperation & Farmers Welfare)

(₹ Crore)

Year	Budget Estimate	Revised Estimate	Actual Expenditure
(1)	(2)	(3)	(4)
1991-92	1041.35	1016.93	957.86
1992-93	1050.00	1273.16	1214.88
1993-94	1330.00	1320.05	1183.50
1994-95	1405.00	1458.84	1279.43
1995-96	1490.00	1325.39	1246.42
1996-97	1471.25	1377.91	1378.61
1997-98	1431.00	1266.28	1222.80
1998-99	1956.00	1378.41	1358.89
1999-00	1956.00	1492.00	1471.90
2000-01	1965.00	1692.00	1666.04
2001-02	1985.00	1985.00	1792.92
2002-03	2167.00	1667.00	1676.78
2003-04	2167.00	2120.00	2050.73
2004-05	2650.00	2945.00	2657.42
2005-06	4179.32	3890.00	3798.69
2006-07	4800.00	4860.00	4860.00
2007-08	5560.00	6927.94	7058.50
2008-09	10105.67	9865.68	9530.30
2009-10	11307.07	10965.23	10870.15
2010-11	15042.00	17254.00	17052.59
2011-12	17122.87	16515.05	16354.70
2012-13	20208.00	17867.32	17730.72
2013-14	21609.00	19000.00	18721.50
2014-15	22309.00	19530.00	19192.48
2015-16	16646.35	15000.00	11407.21*

Source : Department of Agriculture, Cooperation & Farmers Welfare.

* As on 11.01.2016 (Provisional)

Table 3.4(b): Budget Estimate, Revised Estimate and Actual Expenditure
(Department of Animal Husbandry, Dairying and Fisheries)

(₹ Crore)

Year	Budget Estimate	Revised Estimate	Actual Expenditure
(1)	(2)	(3)	(4)
1997-98	319.15	224.96	209.81
1998-99	381.90	210.60	170.24
1999-00	381.90	225.00	207.30
2000-01	300.00	230.00	213.28
2001-02	300.00	240.00	239.68
2002-03	300.00	240.00	238.90
2003-04	300.00	275.00	271.76
2004-05	500.00	575.00	566.22
2005-06	669.08	599.00	589.37
2006-07	777.00	750.00	681.74
2007-08	910.00	810.00	784.09
2008-09	1000.00	940.00	865.27
2009-10	1100.00	930.00	873.38
2010-11	1300.00	1257.00	1104.68
2011-12	1600.00	1356.52	1243.12
2012-13	1910.00	1800.00	1736.71
2013-14	2025.00	1800.00	1748.66
2014-15	2174.00	1800.00	1738.12
2015-16	1491.14	NA	NA

Source : Department of Animal Husbandry, Dairying and Fisheries

Table 3.4(c): Budget Estimate, Revised Estimate and Actual Expenditure
(Department of Agriculture, Research and Education)

(₹ Crore)

Year	Budget Estimate	Revised Estimate	Actual Expenditure
(1)	(2)	(3)	(4)
1991-92	190.00	180.51	173.07
1992-93	200.00	184.00	175.94
1993-94	250.00	250.00	227.91
1994-95	275.00	274.99	274.76
1995-96	310.00	290.00	289.96
1996-97	244.08	310.00	308.46
1997-98	331.17	331.17	331.14
1998-99	531.17	400.00	421.94
1999-00	573.50	504.00	503.78
2000-01	629.55	550.00	774.50
2001-02	684.00	550.00	683.69
2002-03	775.00	725.00	698.71
2003-04	775.00	775.00	701.33
2004-05	1000.00	900.00	881.81
2005-06	1150.00	1070.00	1069.58
2006-07	1350.00	1430.00	1428.22
2007-08	1620.00	1434.00	1402.73
2008-09	1760.00	1760.00	1768.71
2009-10	1760.00	1821.32	1821.26
2010-11	2300.00	2307.50	2529.29
2011-12	2800.00	2858.54	2831.60
2012-13	3220.00	2520.00	2519.09
2013-14	3415.00	2600.00	2599.97
2014-15	3715.00	2500.00	2456.82
2015-16	3691.00	NA	NA

Source : Department of Agriculture, Research and Education

Table 3.5(a) : Scheme-wise Budget Estimate and Expenditure
(Department of Agriculture, Cooperation & Farmers Welfare)

Period	Centrally Sponsored Schemes	Central Sector Schemes	Externally Aided Projects	Additional Central Assistance	Grand Total
(1)	(2)	(3)	(4)	(5)	(6)
IX Plan Outlays	5533.65	3343.17	277.00		9153.82
IX Plan Expenditure	4024.67	3357.17	130.71		7512.55
X Plan Outlays	7236.73	5694.00	264.27		13195.00
X Plan Expenditure	9066.54	5829.95	127.17		15043.62
XI Plan Outlays					66577.00
2007-08					
BE	1523.20	3996.80	0.00	40.00	5560.00
RE	2090.18	3797.76	0.00	1040.00	6927.94
Expenditure	2041.55	3730.06	0.00	1286.89	7058.50
2008-09					
BE	2126.00	4774.00	0.00	3205.67	10105.67
RE	2370.46	4563.52	0.00	2931.70	9865.68
Expenditure	2278.89	4325.69	0.00	2925.72	9530.30
2009-10					
BE	2226.00	4974.00	0.00	4107.07	11307.07
RE	2767.47	4450.69	0.00	3747.07	10965.23
Expenditure	2753.44	4320.38	0.00	3796.33	10870.15
2010-11					
BE	2623.02	5656.98	0.00	6762.00	15042.00
RE	4776.69	5715.20	0.11	6762.00	17254.00
Expenditure	4559.04	5733.56	0.06	6759.94	17052.59

(Contd.)

Table: 3.5(a) (Contd.)

Period	Centrally Sponsored Schemes	Central Sector Schemes	Externally Aided Projects	Additional Central Assistance	Grand Total
(1)	(2)	(3)	(4)	(5)	(6)
2011-12					
BE	2947.05	6314.90	0.05	7860.87	17122.87
RE	2635.75	6018.28	0.15	7860.87	16515.05
Expenditure	2599.62	5910.96	0.03	7844.09	16354.70
XI Plan Expenditure	14232.54	24020.64	0.09	22612.97	60866.24
XII Plan Outlays					134746.00
2012-13					
BE	7488.00	3503.00	0.00	9217.00	20208.00
RE	6314.42	3152.90	0.00	8400.00	17867.32
Expenditure	6225.01	3105.71	0.00	8400.00	17730.72
2013-14					
BE	7365.00	4290.00	0.00	9954.00	21609.00
RE	6982.23	4928.77	0.00	7089.00	19000.00
Expenditure	6870.64	4798.36	0.00	7052.50	18721.50
2014-15					
BE	6509.00	5846.00	0.00	9954.00	22309.00
RE	5730.31	5355.69	0.00	8444.00	19530.00
Expenditure	5740.36	5008.91	0.00	8443.21	19192.48
2015-16					
BE	6300.50	5845.85	0.00	4500.00	16646.35
RE	5203.20	5896.80	0.00	3900.00	15000.00
Expenditure*	4210.35	3679.38	0.00	3517.48	11407.21

Source : Department of Agriculture, Cooperation & Farmers Welfare

* As on 11.01.2016 (Provisional)

Table 3.5(b) : Scheme-wise Budget Estimate and Expenditure
(Department of Animal Husbandry, Dairying and Fisheries)

Period	Centrally Sponsored Schemes	Central Sector Schemes	Externally Aided Projects	Grand Total
(1)	(2)	(3)	(4)	(5)
IX Plan Outlays	1738.62	598.35	8.67	2345.64
IX Plan Expenditure	691.52	340.48	8.31	1040.31
X Plan Outlays	1721.54	837.53	10.00	2569.07
X Plan Expenditure	1705.93	642.06	0.00	2347.99
XI Plan Outlays	3715.80	4338.20	120.00	8174.00
2007-08				
BE	313.50	506.50	90.00	910.00
RE	334.72	438.28	37.00	810.00
Expenditure	348.10	400.65	35.34	784.09
2008-09				
BE	363.00	597.00	40.00	1000.00
RE	400.41	505.39	34.20	940.00
Expenditure	403.20	455.64	6.43	865.27
2009-10				
BE	574.39	464.50	61.11	1100.00
RE	493.06	407.78	29.16	930.00
Expenditure	487.62	373.49	12.27	873.38
2010-11				
BE	771.06	472.94	56.00	1300.00
RE	801.96	444.51	10.53	1257.00
Expenditure	722.61	373.18	8.89	1104.68

(Contd.)

Table: 3.5(b) (Contd.)

Period	Centrally Sponsored Schemes		Central Sector Schemes	Externally Aided Projects	Grand Total
(1)	(2)		(3)	(4)	(5)
2011-12					
BE	972.01		872.96	819.55	0.00
RE	555.79		476.84	423.56	1456.19
Expenditure	72.20		6.72	0.00	78.92
XI Plan Expenditure	2033.73		1609.68	62.93	3706.34
XII Plan Outlays	7434.00		6745.00	0.00	14179.00
2012-13					
BE	1008.43		829.37	72.20	1910.00
RE	839.48		960.48	0.04	1800.00
Expenditure	822.68		914.18	0.02	1736.88
2013-14					
BE	1052.98		972.02	0.00	2025.00
RE	962.25		837.75	0.00	1800.00
Expenditure	926.11		823.47	0.00	1749.58
2014-15					
BE	1040.99		1133.01	0.00	2174.00
RE	898.65		901.35	0.00	1800.00
Expenditure*	907.04		824.13	0.00	1731.17
2015-16					
BE	358.00		1133.14	0.00	1491.14
RE	NA		NA	0.00	0.00
Expenditure*	NA		NA	0.00	0.00

Source : Department of Animal Husbandry, Dairying and Fisheries.

* Provisional as on 29.09.2015

Table 3.6(a) Gross Capital Formation in Agriculture & Allied Sector (at current prices, 2004-05 series)

Year	GCF in Agriculture & Allied sector			GCF of Economy (by industry of use)			Share of Agriculture & Allied sector		
	Public Sector	Pvt. Sector	Total	Public Sector	Pvt. Sector	Total	Public Sector	Pvt. Sector	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2004-05	16187	59909	76096	240580	770598	1011178	6.7	7.8	7.5
2005-06	20739	69204	89943	293350	931331	1224681	7.1	7.4	7.3
2006-07	25606	75496	101102	356556	1134319	1490875	7.2	6.7	6.8
2007-08	27638	95679	123317	441923	1401285	1843208	6.3	6.8	6.7
2008-09	26692	133655	160347	531730	1396160	1927890	5.0	9.6	8.3
2009-10	33201	151325	184526	592788	1642155	2234943	5.6	9.2	8.3
2010-11	31968	165396	197364	656448	2024131	2680579	4.9	8.2	7.4

Source : Central Statistics Office (CSO)

(₹ Crore)

Table 3.6(b) Gross Capital Formation in Agriculture & Allied Sector (at current prices, 2011-12 series)

Year	GCF in Agriculture & Allied sector			GCF of Economy (by industry of use)			Share of Agriculture & Allied sector			(₹ Crore)
	GCF in Agriculture & Allied sector		Total	GCF of Economy (by industry of use)		Total	Share of Agriculture & Allied sector			
	Public Sector	Pvt. Sector		Public Sector	Pvt. Sector		Public Sector	Pvt. Sector		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	Total	(10)
2011-12	36712	238607	275319	674395	2511406	3185801	5.4	9.5	8.6	
2012-13	40425	218444	258869	719426	2630658	3350084	5.6	8.3	7.7	
2013-14	48963	229760	278723	902047	2642036	3544083	5.4	8.7	7.9	

Source : Central Statistics Office (CSO)

Table 3.6(c) Gross Capital Formation in Agriculture & Allied Sector (at constant 2004-05 prices)

Year	GCF in Agriculture & Allied sector			GCF of Economy (by industry of use)			Share of Agriculture & Allied sector in total GCF(%)		
	GCF in Agriculture & Allied sector		Total	GCF of Economy (by industry of use)		Total	Share of Agriculture & Allied sector in total GCF(%)		Total
	Public Sector	Pvt. Sector		Public Sector	Pvt. Sector		Public Sector	Pvt. Sector	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2004-05	16187	59909	76096	240580	770598	1011178	6.7	7.8	7.5
2005-06	19940	66664	86604	281995	901308	1183303	7.1	7.4	7.3
2006-07	22987	69070	92057	324020	1040801	1364821	7.1	6.6	6.7
2007-08	23257	82484	105741	382431	1223744	1606175	6.1	6.7	6.6
2008-09	20572	106555	127127	429285	1136948	1566233	4.8	9.4	8.1
2009-10	22693	110469	133162	449686	1287840	1737526	5.0	8.6	7.7
2010-11	19854	112880	132734	467224	1509522	1976746	4.2	7.5	6.7

Source : Central Statistics Office (CSO)

(₹ Crore)

Table 3.6(d) Gross Capital Formation in Agriculture & Allied Sector (at constant 2011-12 prices)

Year	GCF in Agriculture & Allied sector			GCF of Economy (by industry of use)			Share of Agriculture & Allied sector in total GCF(%)		
	Public Sector	Pvt. Sector	Total	Public Sector	Pvt. Sector	Total	Public Sector	Pvt. Sector	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011-12	36712	238607	275319	674395	2511406	3185801	5.4	9.5	8.6
2012-13	36863	202915	239778	677427	2486560	3163987	5.4	8.2	7.6
2013-14	40190	198786	238976	809859	2398588	3208447	5.0	8.3	7.4

Source : Central Statistics Office(CSO)

Table 3.7(a) Public and Private Investment in Agriculture and Allied Sectors in Total GDP at Market Prices (2004-05 prices)

Year	Public Investment		Private Investment	Total	GDP at market price	Share (%) in Total		Total
	(1)	(2)				Public	Private	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2004-05		16187	59909	76096	3242209	0.5	1.8	2.3
2005-06		19940	66664	86604	3543244	0.6	1.9	2.4
2006-07		22987	69070	92057	3871489	0.6	1.8	2.4
2007-08		23257	82484	105741	4250947	0.5	1.9	2.5
2008-09		20572	106555	127127	4416350	0.5	2.4	2.9
2009-10		22693	110469	133162	4790847	0.5	2.3	2.8
2010-11		19854	112880	132734	5282386	0.4	2.1	2.5

Source : Central Statistics Office (CSO)

(₹ Crore)

Table 3.7(b) Public and Private Investment in Agriculture and Allied Sectors in Total GDP at Market Prices (2011-12 prices) (₹ Crore)							
Year	Public Investment		Private Investment		Total		GDP at market price
	(2)	(3)	(4)	(5)	(6)	(7)	
(1)							Total (8)
2011-12	36712	238607	275319	8832012	0.4	2.7	3.1
2012-13	36863	202915	239778	9988540	0.4	2.0	2.4
2013-14	40190	198786	238976	11345056	0.4	1.8	2.1

Source : Central Statistics Office (CSO)

Table 3.8(a) Share (%) of Gross Capital Formation (GCF) to Gross Domestic Product (GDP) in Agriculture & Allied Sectors

Year	At 2004-05 Prices			At Current Prices		
	Public	Private	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2004-05	2.9	10.6	13.5	2.9	10.6	13.5
2005-06	3.4	11.2	14.6	3.3	10.9	14.1
2006-07	3.7	11.2	14.9	3.5	10.4	14.0
2007-08	3.5	12.6	16.1	3.3	11.4	14.7
2008-09	3.1	16.3	19.4	2.8	14.2	17.0
2009-10	3.4	16.7	20.1	3.1	14.0	17.0
2010-11	2.8	15.7	18.5	2.4	12.5	15.0

Source : Central Statistics Office (CSO)

Table 3.8(b) Share (%) of Gross Capital Formation (GCF) to Gross Value Added (GVA) in Agriculture & Allied Sectors

Year	At 2011-12 Prices			At Current Prices		
	Public	Private	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2011-12	2.4	15.9	18.3	2.4	15.9	18.3
2012-13	2.4	13.3	15.7	2.4	13.1	15.5
2013-14	2.5	12.6	15.1	2.6	12.2	14.8

Source : Central Statistics Office (CSO)

4 (A)

Area, Production and Yield of Principal Crops

4(A) Area, Production and Yield of
Principal Crops in Major Producing States

Table 4.1(a): Target and Achievement of Production of Major Crops during Tenth Five Year Plan

Crop	2002-03		2003-04		2004-05		2005-06		2006-07		(Million Tonnes)	
											Xth Plan	
	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Rice	93.00	71.82	93.00	88.53	93.50	83.13	87.80	91.79	92.80	93.35	460.10	428.62
Wheat	78.00	65.76	78.00	72.15	79.50	68.64	75.53	69.35	75.53	75.81	386.56	351.71
Coarse Cereals	33.00	26.07	34.00	37.60	36.80	33.46	36.52	34.06	36.52	33.92	176.84	165.11
Pulses	16.00	11.13	15.00	14.91	15.30	13.13	15.15	13.39	15.15	14.20	76.60	66.76
Foodgrains	220.00	174.77	220.00	213.19	225.10	198.36	215.00	208.60	220.00	217.28	1100.10	1012.20
Oilseeds	27.00	14.84	24.70	25.19	26.20	24.35	26.58	27.98	29.40	24.29	133.88	116.65
Sugarcane	320.00	287.38	320.00	233.86	270.00	237.09	237.50	281.17	270.00	355.52	1417.50	1395.02
Cotton #	15.00	8.62	15.00	13.73	15.00	16.43	16.50	18.50	18.50	22.63	80.00	79.91
Jute & Mesta@	12.00	11.28	12.00	11.17	11.80	10.27	11.28	10.84	11.28	11.27	58.36	54.83

Source: Directorate of Economics & Statistics, DAC&FW

Million Bales of 170 kg. each.

@ Million Bales of 180 kg. each.

Table 4.1(b): Target and Achievement of Production of Major Crops during Eleventh and Twelfth Five Year Plans

Crop	2007-08		2008-09		2009-10		2010-11		2011-12		XIth Plan		2012-13		2013-14		2014-15*	
	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Rice	93.00	96.69	97.00	99.18	100.50	89.09	102.00	95.98	102.00	105.30	494.50	486.24	104.00	105.24	105.00	106.65	106.00	104.80
Wheat	75.50	78.57	78.50	80.68	79.00	80.80	82.00	86.87	84.00	94.88	399.00	421.80	88.00	93.51	92.50	95.85	94.00	88.94
Coarse Cereals	37.50	40.76	42.00	40.03	43.10	33.55	44.00	43.68	42.00	42.01	208.60	200.03	44.00	40.04	42.50	43.29	41.50	41.75
Pulses	15.50	14.76	15.50	14.57	16.50	14.66	16.50	18.24	17.00	17.09	81.00	79.32	18.24	18.34	19.00	19.25	19.50	17.20
Foodgrains	221.50	230.78	233.00	234.47	239.10	218.11	244.50	244.78	245.00	259.29	1183.10	1187.43	254.24	257.13	259.00	265.04	261.00	252.68
Oilseeds	30.00	29.76	31.75	27.72	31.60	24.88	33.20	32.48	33.60	30.01	160.15	144.85	33.50	30.94	31.00	32.75	33.00	26.68
Sugarcane	310.00	348.19	340.00	285.03	340.00	292.30	315.00	342.38	350.00	361.04	1655.00	1628.94	352.00	341.20	340.00	352.14	345.00	359.33
Cotton #	22.00	25.88	26.00	22.28	26.00	24.02	26.00	33.00	34.00	35.20	134.00	140.38	35.00	34.22	35.00	35.90	35.00	35.48
Jute & Mesta@	11.00	11.21	11.00	10.37	11.20	11.82	11.50	10.62	12.30	11.40	57.00	55.42	12.00	10.93	12.00	11.69	11.20	11.45

Source: Directorate of Economics & Statistics, DAC&FW

* 4th. Advance Estimates.

Million Bales of 170 kg. each.

@ Million Bales of 180 kg. each.

(Million Tonnes)

Table 4.2: Three Largest Producing States of Important Cropss during 2014-15*

Production : Million Tonnes			
Group of Crops	Crops	States	Production
(1)	(2)	(3)	(4)
I. Foodgrains	Rice	West Bengal	14.71
		Uttar Pradesh	12.22
		Andhra Pradesh	11.57
		All - India	104.80
	Wheat	Uttar Pradesh	25.22
		Punjab	15.78
		Madhya Pradesh	14.18
		All - India	88.94
	Maize	Andhra Pradesh	4.24
		Karnataka	3.91
		Maharashtra	2.20
		All - India	23.67
	Total Coarse Cereals	Karnataka	7.57
		Rajasthan	6.68
		Maharashtra	4.72
		All - India	41.75
	Total Pulses	Madhya Pradesh	4.70
		Maharashtra	1.95
		Rajasthan	1.74
		All - India	17.19
	Total Foodgrains	Uttar Pradesh	42.47
		Punjab	27.46
		Madhya Pradesh	25.49
		All - India	252.68
II .Oilseeds	Groundnut	Gujarat	2.22
		Andhra Pradesh	1.02
		Tamil Nadu	0.90
		All - India	6.56
	Rapeseed & Mustard	Rajasthan	2.90
		Madhya Pradesh	0.72
		Haryana	0.70
		All - India	6.31
	Soyabean	Madhya Pradesh	6.35
		Maharashtra	2.49
		Rajasthan	0.96
		All - India	10.53

(Contd.)

Table 4.2 (Contd.)

Group of Crops	Crops	States	Production
(1)	(2)	(3)	(4)
	Sunflower	Karnataka	0.21
		Andhra Pradesh	0.06
		Maharashtra	0.03
		All - India	0.42
	Total Oilseeds	Gujarat	7.72
		Madhya Pradesh	5.32
		Rajasthan	3.98
		All - India	26.67
III. Other Cash Crops	Sugarcane	Uttar Pradesh	138.48
		Maharashtra	81.87
		Karnataka	41.90
		All - India	359.33
	Cotton @	Gujarat	11.09
		Maharashtra	7.02
		Andhra Pradesh	6.64
		All - India	35.48
	Jute & Mesta\$	West Bengal	8.92
		Bihar	1.50
		Assam	0.80
		All - India	11.45

Source: Directorate of Economics & Statistics, DAC&FW

@ : Production in million bales of 170 kg. each.

* 4th Advance Estimates.

\$: Production in million bales of 180 kg. each.

Table 4.3 : Normal Estimates (Average of 2009-10 to 2013-14) of Area, Production and Yield of Major Crops in India

Group of Crops (1)	Crops (2)	Season (3)	Area (4)	Production (5)	Area - Million Hectares Production - Million Tonnes Yield - Kg./ Hectare	
					Yield	(6)
I. Food grains	Rice	Kharif	38.83	86.65		2231
		Rabi	4.30	13.79		3206
		Total	43.13	100.45		2329
	Wheat	Rabi	29.57	90.38		3056
	Jowar	Kharif	2.73	2.95		1080
		Rabi	3.96	3.16		797
		Total	6.68	6.10		913
	Bajra	Kharif	8.48	9.03		1065
	Maize	Kharif	7.25	15.75		2173
		Rabi	1.42	5.59		3946
		Total	8.67	21.34		2463
Total Coarse Cereals		Kharif	20.44	30.07		1471
		Rabi	6.04	10.39		1719
		Total	26.48	40.46		1528
	Tur	Kharif	3.93	2.84		722
	Gram	Rabi	8.82	8.35		947
Total Pulses		Kharif	10.87	5.86		539
		Rabi	13.65	11.66		854
		Total	24.52	17.52		714

(Contd.)

Table 4.3 (Contd.)

Group of Crops (1)	Crops (2)	Season (3)	Area (4)	Production (5)	Yield (6)
	Total Foodgrains	Kharif	70.15	122.58	1747
		Rabi	53.57	126.23	2356
		Total	123.72	248.81	2011
II .Oilseeds	Groundnut	Total	5.36	7.01	1307
	Rapeseed & Mustard	Rabi	6.28	7.46	1188
	Soyabean	Kharif	10.40	12.29	1182
	Sunflower	Total	0.93	0.61	661
	Nine Oilseeds	Total	26.81	30.17	1126
III . Other Cash Crops	Sugarcane	Total	4.82	337.81	70117
	Cotton @	Total	11.50	32.47	480
	Jute & Mesta\$	Total	0.88	11.29	2319

Source: Directorate of Economics & Statistics, DAC&FW

@ : Production in million bales of 170 kg. each.

\$: Production in million bales of 180 kg. each.

Table 4.4: Season-wise Area, Production and Yield of Foodgrains

Year	Kharif			Rabi			Total		
	A	P	Y	A	P	Y	A	P	Y
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
(1)									
1966-67	78.21	48.89	625	37.09	25.34	683	115.30	74.23	644
1967-68	81.49	60.76	746	39.93	34.29	859	121.42	95.05	783
1968-69	80.40	59.57	741	40.03	34.44	860	120.43	94.01	781
1969-70	82.30	62.35	758	41.27	37.15	900	123.57	99.50	805
1970-71	82.36	68.92	837	41.96	39.50	941	124.32	108.42	872
1971-72	79.22	62.99	795	43.40	42.18	972	122.62	105.17	858
1972-73	78.34	58.64	749	40.94	38.39	938	119.28	97.03	813
1973-74	84.12	67.84	806	42.42	36.83	868	126.54	104.67	827
1974-75	79.74	59.10	741	41.34	40.73	985	121.08	99.83	824
1975-76	83.15	73.89	889	45.03	47.14	1047	128.18	121.03	944
1976-77	81.18	66.53	820	43.18	44.64	1034	124.36	111.17	894
1977-78	82.88	77.72	938	44.64	48.69	1091	127.52	126.41	991
1978-79	82.85	78.08	942	46.16	53.82	1166	129.01	131.90	1022
1979-80	80.79	63.25	783	44.42	46.45	1046	125.21	109.70	876
1980-81	83.21	77.65	933	43.46	51.94	1195	126.67	129.59	1023
1981-82	83.93	79.38	946	45.21	53.92	1193	129.14	133.30	1032
1982-83	79.08	69.90	884	46.02	59.62	1296	125.10	129.52	1035

(Contd.)

Table 4.4 (Contd.)

Year	Kharif			Rabi			Total		
	A	P	Y	A	P	Y	A	P	Y
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1983-84	84.14	89.23	1060	47.02	63.14	1343	131.16	152.37	1162
1984-85	81.18	84.52	1041	45.49	61.02	1341	126.67	145.54	1149
1985-86	81.80	85.25	1042	46.22	65.19	1410	128.02	150.44	1175
1986-87	81.46	80.20	985	45.74	63.22	1382	127.20	143.42	1128
1987-88	74.89	74.56	996	44.80	65.79	1469	119.69	140.35	1173
1988-89	82.03	95.64	1166	45.64	74.28	1628	127.67	169.92	1331
1989-90	81.40	100.99	1241	45.37	70.05	1544	126.77	171.04	1349
1990-91	80.78	99.44	1231	47.06	76.95	1635	127.84	176.39	1380
1991-92	78.02	91.59	1174	43.85	76.79	1751	121.87	168.38	1382
1992-93	77.92	101.47	1302	45.23	78.01	1725	123.15	179.48	1457
1993-94	75.81	100.40	1324	46.94	83.86	1787	122.75	184.26	1501
1994-95	75.19	101.09	1344	48.67	90.41	1858	123.86	191.50	1546
1995-96	73.60	95.12	1292	47.42	85.30	1799	121.02	180.42	1491
1996-97	75.34	103.82	1379	48.24	95.52	1980	123.58	199.34	1613
1997-98	74.37	101.58	1370	49.70	90.68	1825	124.07	192.26	1550
1998-99	73.99	102.91	1391	51.18	100.69	1967	125.17	203.60	1627
1999-00	73.24	105.51	1441	49.87	104.29	2091	123.11	209.80	1704
2000-01	75.22	102.09	1357	45.83	94.73	2067	121.05	196.81	1626
2001-02	74.23	112.07	1510	48.55	100.78	2076	122.78	212.85	1734

(Contd.)

Table 4.4 (Contd.)

Year	Kharif			Rabi			Total		
	A	P	Y	A	P	Y	A	P	Y
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2002-03	68.56	87.22	1272	45.30	87.55	1933	113.86	174.77	1535
2003-04	75.44	117.00	1551	48.01	96.19	2004	123.45	213.19	1727
2004-05	72.26	103.31	1430	47.82	95.05	2004	120.08	198.36	1652
2005-06	72.72	109.87	1511	48.88	98.73	2020	121.60	208.60	1715
2006-07	72.67	110.58	1522	51.04	106.71	2091	123.71	217.28	1756
2007-08	73.58	121.00	1644	50.49	109.77	2174	124.07	230.78	1860
2008-09	71.45	118.18	1654	51.39	116.28	2263	122.85	234.47	1909
2009-10	69.51	104.00	1496	51.83	114.11	2202	121.34	218.11	1798
2010-11	72.42	120.90	1669	54.25	123.60	2278	126.67	244.50	1930
2011-12	72.08	131.27	1821	52.67	128.01	2430	124.75	259.29	2078
2012-13	67.69	128.07	1892	53.09	129.06	2431	120.78	257.13	2129
2013-14	69.05	128.69	1864	55.99	136.35	2435	125.04	265.04	2120
2014-15*	67.77	126.31	1864	54.31	126.37	2327	122.07	252.68	2070

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.5(a): Foodgrains: All-India Area, Production and Yield alongwith coverage under Irrigation
 Area - Million Hectares
 Production - Million Tonnes
 Yield - Kg./Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	97.32	50.82	522	18.1
1951-52	96.96	51.99	536	18.4
1952-53	102.09	59.20	580	18.1
1953-54	109.07	69.82	640	18.1
1954-55	107.86	68.03	631	18.4
1955-56	110.56	66.85	605	18.5
1956-57	111.14	69.86	629	18.2
1957-58	109.48	64.31	587	19.3
1958-59	114.76	77.14	672	18.7
1959-60	115.82	76.67	662	18.8
1960-61	115.58	82.02	710	19.1
1961-62	117.23	82.71	706	19.1
1962-63	117.84	80.15	680	19.8
1963-64	117.42	80.64	687	19.8
1964-65	118.11	89.36	757	20.2
1965-66	115.10	72.35	629	20.9
1966-67	115.30	74.23	644	22.2
1967-68	121.42	95.05	783	21.6
1968-69	120.43	94.01	781	23.6
1969-70	123.57	99.50	805	23.7
1970-71	124.32	108.42	872	24.1
1971-72	122.62	105.17	858	24.5
1972-73	119.28	97.03	813	25.4
1973-74	126.54	104.67	827	24.5
1974-75	121.08	99.83	824	26.5
1975-76	128.18	121.03	944	26.5
1976-77	124.36	111.17	894	27.4
1977-78	127.52	126.41	991	27.7
1978-79	129.01	131.90	1022	28.8
1979-80	125.21	109.70	876	30.3
1980-81	126.67	129.59	1023	29.7
1981-82	129.14	133.30	1032	29.6
1982-83	125.10	129.52	1035	30.8
1983-84	131.16	152.37	1162	30.9

(Contd.)

Table 4.5(a) (Contd.)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1984-85	126.67	145.54	1149	31.9
1985-86	128.02	150.44	1175	31.4
1986-87	127.20	143.42	1128	32.6
1987-88	119.69	140.35	1173	33.5
1988-89	127.67	169.92	1331	34.4
1989-90	126.77	171.04	1349	35.0
1990-91	127.84	176.39	1380	35.1
1991-92	121.87	168.38	1382	37.4
1992-93	123.15	179.48	1457	37.4
1993-94	122.75	184.26	1501	38.7
1994-95	123.86	191.50	1546	39.6
1995-96	121.01	180.42	1491	40.1
1996-97	123.58	199.34	1614	40.0
1997-98	124.07	192.26	1552	40.8
1998-99	125.17	203.61	1627	42.4
1999-00	123.10	209.80	1704	43.9
2000-01	121.05	196.81	1626	43.4
2001-02	122.78	212.85	1734	43.0
2002-03	113.86	174.77	1535	42.8
2003-04	123.45	213.19	1727	42.2
2004-05	120.08	198.36	1652	44.2
2005-06	121.60	208.60	1715	45.5
2006-07	123.71	217.28	1756	46.3
2007-08	124.07	230.78	1860	46.8
2008-09	122.83	234.47	1909	48.3
2009-10	121.33	218.11	1798	47.8
2010-11	126.67	244.49	1930	47.8
2011-12	124.75	259.29	2078	49.8
2012-13	120.78	257.13	2129	51.2
2013-14	125.04	265.04	2120	-
2014-15*	122.07	252.68	2070	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.5 (b): Foodgrains: Area, Production and Yield during 2013-14 and 2014-15 -14 in major Producing States alongwith coverage under Irrigation

State	2014-15#										2013-14			Area	
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	Under Irrigation(%)	2012-13*	(12)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(12)			
Uttar Pradesh	20.06	16.43	42.47	16.81	2117	20.14	16.11	50.03	18.87	2484	77.5				
Punjab	6.63	5.43	27.46	10.87	4144	6.55	5.24	29.48	11.12	4501	98.7				
Madhya Pradesh	14.83	12.15	25.49	10.09	1719	14.33	11.46	22.98	8.67	1603	54.1				
Rajasthan	12.87	10.54	19.75	7.82	1535	13.42	10.73	17.90	6.75	1334	34.1				
Andhra Pradesh	6.58	5.39	17.44	6.90	2653	7.39	5.91	19.67	7.42	2661	58.9				
Haryana	4.44	3.64	16.75	6.63	3772	4.40	3.52	16.97	6.40	3858	92.4				
West Bengal	6.13	5.02	16.51	6.53	2692	6.28	5.02	17.08	6.44	2719	49.3				
Bihar	6.70	5.49	13.05	5.17	1948	6.40	5.12	12.91	4.87	2017	69.5				
Karnataka	7.16	5.86	12.05	4.77	1684	7.54	6.03	12.21	4.61	1619	26.4				
Maharashtra	9.91	8.12	10.33	4.09	1043	11.47	9.17	13.85	5.22	1207	16.2				
Tamil Nadu	3.74	3.06	9.46	3.74	2529	3.44	2.75	8.78	3.31	2552	59.8				
Odisha	5.17	4.24	8.97	3.55	1734	5.14	4.11	8.36	3.15	1626	29.5				
Chhatisgarh	4.94	4.05	7.08	2.80	1433	4.98	3.98	7.60	2.87	1525	30.6				
Gujarat	3.57	2.92	6.99	2.76	1957	4.38	3.50	9.18	3.46	2097	45.1				
Assam	2.51	2.06	5.06	2.00	2012	2.66	2.13	5.10	1.92	1917	4.6	(Contd.)			

(Contd.)

Table 4.5(b) (Contd.)

State	2014-15#				2013-14				Area	
	All - India		All - India		All - India		All - India		All - India	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	Area	% to	Production	% to	Yield	Area	% to	Production	% to	Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Jharkhand	2.55	2.09	4.73	1.87	1855	2.27	1.81	4.29	1.62	1891
Uttarakhand	0.90	0.74	1.64	0.65	1823	0.89	0.71	1.78	0.67	1996
Others	3.39	2.77	7.45	2.95	@	3.37	2.69	6.91	2.61	@
All India	122.07	100.00	252.68	100.00	2070	125.04	100.00	265.04	100.00	2120

Source: Directorate of Economics & Statistics, DAC&FW

@ - Since area/ production is low in individual states, yield rate is not worked out.

Note: States have been arranged in descending order of percentage share of production during 2014-15.

* Provisional

Fourth Advance Estimates.

Area

Under Irrigation(%)

2012-13*

2013-14

2014-15#

Area

Area

Table 4.6(a): Rice: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg./Hectare
				Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	30.81	20.58	668	31.7
1951-52	29.83	21.30	714	31.7
1952-53	29.97	22.90	764	32.3
1953-54	31.29	28.21	902	33.6
1954-55	30.77	25.22	820	34.4
1955-56	31.52	27.56	874	34.9
1956-57	32.28	29.04	900	35.4
1957-58	32.30	25.53	790	36.4
1958-59	33.17	30.85	930	36.3
1959-60	33.82	31.68	937	35.8
1960-61	34.13	34.58	1013	36.8
1961-62	34.69	35.66	1028	37.5
1962-63	35.69	33.21	931	37.4
1963-64	35.81	37.00	1033	37.1
1964-65	36.46	39.31	1078	37.3
1965-66	35.47	30.59	862	36.5
1966-67	35.25	30.44	864	37.9
1967-68	36.44	37.61	1032	38.6
1968-69	36.97	39.76	1075	38.4
1969-70	37.68	40.43	1073	38.2
1970-71	37.59	42.22	1123	38.4
1971-72	37.76	43.07	1141	37.2
1972-73	36.69	39.24	1070	39.1
1973-74	38.29	44.05	1150	38.4
1974-75	37.89	39.58	1045	38.8
1975-76	39.48	48.74	1235	38.7
1976-77	38.51	41.92	1089	38.4
1977-78	40.28	52.67	1308	40.2
1978-79	40.48	53.77	1328	41.6
1979-80	39.42	42.33	1074	42.8
1980-81	40.15	53.63	1336	40.7
1981-82	40.71	53.25	1308	41.5
1982-83	38.26	47.12	1232	42.0

(Contd.)

Table 4.6(a) (Contd.)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1983-84	41.24	60.10	1457	42.7
1984-85	41.16	58.34	1417	43.7
1985-86	41.14	63.83	1552	42.9
1986-87	41.17	60.56	1471	44.1
1987-88	38.81	56.86	1465	43.6
1988-89	41.73	70.49	1689	45.8
1989-90	42.17	73.57	1745	46.1
1990-91	42.69	74.29	1740	45.5
1991-92	42.65	74.68	1751	47.3
1992-93	41.78	72.86	1744	48.0
1993-94	42.54	80.30	1888	48.6
1994-95	42.81	81.81	1911	49.8
1995-96	42.84	76.98	1797	49.9
1996-97	43.43	81.73	1882	51.0
1997-98	43.45	82.54	1900	50.8
1998-99	44.80	86.08	1921	52.3
1999-00	45.16	89.68	1986	53.9
2000-01	44.71	84.98	1901	53.6
2001-02	44.90	93.34	2079	53.2
2002-03	41.18	71.82	1744	50.2
2003-04	42.59	88.53	2079	52.6
2004-05	41.91	83.13	1984	54.7
2005-06	43.66	91.79	2102	56.0
2006-07	43.81	93.36	2131	56.7
2007-08	43.91	96.69	2202	56.9
2008-09	45.54	99.18	2178	58.7
2009-10	41.92	89.09	2125	58.0
2010-11	42.86	95.98	2239	58.6
2011-12	44.01	105.30	2393	58.7
2012-13	42.75	105.23	2461	58.3
2013-14	44.14	106.65	2416	-
2014-15*	43.86	104.80	2390	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.6 (b): Rice, Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#					2013-14					Area	
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	Under Irrigation(%)	2012-13*
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(12)
West Bengal	5.39	12.28	14.71	14.04	2731	5.51	12.49	15.37	14.41	2788	48.2	48.2
Uttar Pradesh	5.87	13.38	12.22	11.66	2082	5.98	13.55	14.64	13.72	2447	83.1	83.1
Andhra Pradesh	3.81	8.69	11.57	11.04	3036	4.36	9.87	12.72	11.93	2920	96.8	96.8
Punjab	2.89	6.60	11.11	10.60	3838	2.85	6.46	11.27	10.56	3953	99.6	99.6
Odisha	4.17	9.50	8.29	7.91	1989	4.18	9.47	7.61	7.14	1821	33.8	33.8
Bihar	3.27	7.45	6.38	6.09	1951	3.13	7.09	5.51	5.16	1759	62.4	62.4
Chattisgarh	3.81	8.68	6.02	5.75	1581	3.80	8.61	6.72	6.30	1767	35.3	35.3
Tamil Nadu	1.83	4.17	5.84	5.57	3191	1.73	3.91	5.35	5.02	3101	92.2	92.2
Assam	2.28	5.19	4.86	4.64	2135	2.45	5.55	4.93	4.62	2012	4.9	4.9
Haryana	1.29	2.93	4.01	3.82	3113	1.23	2.78	4.00	3.75	3256	99.5	99.5
Karnataka	1.30	2.96	3.66	3.50	2826	1.34	3.04	3.57	3.35	2664	72.2	72.2
Madhya Pradesh	2.15	4.91	3.63	3.46	1684	1.93	4.37	2.84	2.67	1474	26.0	26.0
Jharkhand	1.50	3.42	3.32	3.17	2210	1.26	2.84	2.81	2.63	2239	6.4	6.4
Maharashtra	1.55	3.53	2.93	2.79	1891	1.61	3.65	3.12	2.93	1938	26.1	26.1
Gujarat	0.79	1.79	1.64	1.56	2085	0.79	1.79	1.64	1.53	2076	61.4	61.4
Kerala	0.20	0.45	0.56	0.53	2818	0.20	0.45	0.51	0.48	2558	74.5	74.5
Others	1.78	4.06	4.07	3.89	@	1.80	4.08	4.06	3.81	@	-	-
All India	43.86	100.00	104.80	100.00	2390	44.14	100.00	106.65	100.00	2416	58.3	58.3

Source: Directorate of Economics & Statistics, DAC&FW

@ - Since area/ production is low in individual states, yield rate is not worked out.

Note: States have been arranged in descending order of percentage share of production during 2014-15.

* Provisional

Fourth Advance Estimates.

Table 4.7(a): Wheat: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg./Hectare
				Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	9.75	6.46	663	34.0
1951-52	9.47	6.18	653	35.8
1952-53	9.83	7.50	763	37.2
1953-54	10.68	8.02	750	36.2
1954-55	11.26	9.04	803	35.0
1955-56	12.37	8.76	708	32.7
1956-57	13.52	9.40	695	29.4
1957-58	11.73	7.99	682	33.3
1958-59	12.62	9.96	789	31.8
1959-60	13.38	10.32	772	31.8
1960-61	12.93	11.00	851	32.7
1961-62	13.57	12.07	890	31.9
1962-63	13.59	10.78	793	33.8
1963-64	13.50	9.85	730	34.9
1964-65	13.42	12.26	913	36.8
1965-66	12.57	10.40	827	43.1
1966-67	12.84	11.39	887	48.0
1967-68	14.99	16.54	1103	43.4
1968-69	15.96	18.65	1169	49.8
1969-70	16.63	20.09	1208	51.1
1970-71	18.24	23.83	1307	54.3
1971-72	19.14	26.41	1380	54.5
1972-73	19.46	24.74	1271	57.6
1973-74	18.58	21.78	1172	57.7
1974-75	18.01	24.10	1338	61.8
1975-76	20.45	28.84	1410	61.8
1976-77	20.92	29.01	1387	65.1
1977-78	21.46	31.75	1480	64.6
1978-79	22.64	35.51	1568	66.0
1979-80	22.17	31.83	1436	68.3
1980-81	22.28	36.31	1630	76.5
1981-82	22.14	37.45	1691	70.7
1982-83	23.57	42.79	1816	72.5
1983-84	24.67	45.48	1843	73.0
1984-85	23.56	44.07	1870	74.5

(Contd.)

Table 4.7(a) (Contd.)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1985-86	23.00	47.05	2046	74.6
1986-87	23.13	44.32	1916	76.3
1987-88	23.06	46.17	2002	76.8
1988-89	24.11	54.11	2244	79.2
1989-90	23.50	49.85	2121	80.3
1990-91	24.17	55.14	2281	81.1
1991-92	23.26	55.69	2394	83.7
1992-93	24.59	57.21	2327	84.2
1993-94	25.15	59.84	2380	84.8
1994-95	25.70	65.77	2559	85.2
1995-96	25.01	62.10	2483	85.8
1996-97	25.89	69.35	2679	86.2
1997-98	26.70	66.35	2485	85.8
1998-99	27.52	71.29	2590	85.8
1999-00	27.49	76.37	2778	87.2
2000-01	25.73	69.68	2708	88.1
2001-02	26.34	72.77	2762	87.4
2002-03	25.20	65.76	2610	88.0
2003-04	26.59	72.16	2713	88.4
2004-05	26.38	68.64	2602	89.4
2005-06	26.48	69.35	2619	89.6
2006-07	27.99	75.81	2708	90.2
2007-08	28.04	78.57	2802	90.9
2008-09	27.75	80.68	2907	91.3
2009-10	28.46	80.80	2839	91.7
2010-11	29.07	86.87	2988	92.1
2011-12	29.86	94.88	3177	92.9
2012-13	30.00	93.51	3117	93.4
2013-14	30.47	95.85	3146	-
2014-15*	30.97	88.94	2872	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.7(b): Wheat Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#					2013-14					Area Under Irrigation(%) 2012-13*	
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield		
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Uttar Pradesh	9.85	31.79	25.22	28.36	2561	9.84	32.29	29.89	31.19	3038	98.4	
Punjab	3.51	11.35	15.78	17.74	4491	3.51	11.52	17.62	18.38	5017	98.9	
Madhya Pradesh	5.56	17.95	14.18	15.94	2551	5.38	17.65	12.94	13.50	2405	90.8	
Haryana	2.59	8.37	11.86	13.33	4574	2.50	8.20	11.80	12.31	4722	99.5	
Rajasthan	3.32	10.71	9.87	11.10	2974	2.81	9.22	8.66	9.04	3082	99.2	
Bihar	2.19	7.06	4.05	4.55	1851	2.01	6.59	4.74	4.94	2358	94.6	
Gujarat	1.15	3.70	3.22	3.62	2810	1.44	4.73	4.69	4.89	3252	90.8	
Maharashtra	0.90	2.89	1.24	1.39	1381	1.10	3.60	1.60	1.67	1459	73.9	
West Bengal	0.34	1.08	0.95	1.07	2836	0.33	1.09	0.93	0.97	2792	96.0	
Himachal Pradesh	0.40	1.29	0.72	0.81	1800	0.36	1.17	0.67	0.70	1872	21.6	
Uttarakhand	0.35	1.12	0.66	0.74	1902	0.35	1.14	0.84	0.88	2427	57.7	
Jammu & Kashmir	0.29	0.94	0.35	0.39	1203	0.29	0.96	0.60	0.63	2055	28.4	
Jharkhand	0.17	0.55	0.33	0.37	1930	0.17	0.57	0.37	0.39	2126	96.0	
Karnataka	0.20	0.64	0.22	0.24	1091	0.21	0.69	0.21	0.22	1005	55.1	
Assam	0.04	0.11	0.04	0.05	1257	0.03	0.10	0.04	0.04	1290	2.9	
Others	0.14	0.44	0.26	0.29	@	0.14	0.47	0.25	0.26	@	-	
All India	30.97	100.00	88.94	100.00	2872	30.47	100.00	95.85	100.00	3145	93.4	

Source: Directorate of Economics & Statistics, DAC&FW

@ - Since area/ production is low in individual states, yield rate is not worked out.

Note: States have been arranged in descending order of percentage share of production during 2014-15.

* Provisional

Fourth Advance Estimates.

Table 4.8(a): Coarse Cereals: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes Yield - Kg./Hectare
(1)	(2)	(3)	(4)	Area Under Irrigation(%)
1950-51	37.67	15.38	408	7.9
1951-52	38.88	16.09	414	8.7
1952-53	42.45	19.61	462	8.1
1953-54	45.37	22.97	506	7.8
1954-55	43.92	22.82	520	8.1
1955-56	43.45	19.49	449	8.0
1956-57	42.02	19.87	473	7.6
1957-58	42.91	21.23	495	8.0
1958-59	44.66	23.18	519	7.5
1959-60	43.79	22.87	522	7.5
1960-61	44.96	23.74	528	7.7
1961-62	44.73	23.22	519	7.1
1962-63	44.29	24.63	556	7.3
1963-64	43.93	23.72	540	7.3
1964-65	44.35	25.37	514	7.3
1965-66	44.34	21.42	483	8.1
1966-67	45.09	24.05	533	8.5
1967-68	47.34	28.80	608	8.0
1968-69	46.24	25.18	545	9.6
1969-70	47.24	27.29	578	9.4
1970-71	45.95	30.55	665	8.3
1971-72	43.57	24.60	564	8.4
1972-73	42.21	23.14	548	8.6
1973-74	46.24	28.83	623	8.3
1974-75	43.15	26.13	606	10.9
1975-76	43.80	30.41	694	9.9
1976-77	41.94	28.88	689	9.7
1977-78	42.28	30.02	710	8.9
1978-79	42.23	30.44	721	8.5
1979-80	41.36	26.97	652	9.4
1980-81	41.78	29.02	695	9.2
1981-82	42.45	31.09	733	9.0
1982-83	40.43	27.75	685	9.0

(Contd.)

Table 4.8(a) (Contd.)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1983-84	41.71	33.90	813	7.8
1984-85	39.21	31.17	795	8.4
1985-86	39.47	26.20	664	8.4
1986-87	39.74	26.83	675	9.1
1987-88	36.55	26.36	721	9.8
1988-89	38.68	31.47	814	9.2
1989-90	37.69	34.76	922	9.8
1990-91	36.32	32.70	900	9.0
1991-92	33.42	25.99	778	10.7
1992-93	34.42	36.59	1063	10.1
1993-94	32.82	30.82	939	10.4
1994-95	32.17	29.88	929	10.4
1995-96	30.88	29.03	940	11.0
1996-97	31.81	34.11	1072	10.2
1997-98	31.05	30.40	986	11.0
1998-99	29.34	31.34	1068	12.0
1999-00	29.34	30.33	1034	12.6
2000-01	30.26	31.08	1027	12.5
2001-02	29.52	33.38	1131	11.3
2002-03	26.99	26.07	966	11.0
2003-04	30.80	37.60	1221	6.6
2004-05	29.03	33.46	1153	6.6
2005-06	29.06	34.07	1172	13.0
2006-07	28.71	33.92	1182	13.4
2007-08	28.48	40.75	1431	14.2
2008-09	27.45	40.04	1459	15.3
2009-10	27.68	33.55	1212	14.4
2010-11	28.34	43.40	1531	14.4
2011-12	26.42	42.01	1590	17.9
2012-13	24.76	40.04	1617	16.5
2013-14	25.22	43.29	1717	-
2014-15*	24.15	41.75	1729	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.8 (b): Coarse Cereals : Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#						2013-14				Area Under Irrigation(%) 2012-13*	
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Rajasthan	6.02	24.92	7.57	18.12	1257	6.26	24.83	6.43	14.86	1027	7.4	
Karnataka	3.35	13.89	6.68	16.00	1992	3.49	13.84	6.83	15.77	1955	20.1	
Andhra Pradesh	1.31	5.43	4.72	11.29	3596	1.35	5.37	5.39	12.44	3977	39.7	
Maharashtra	4.33	17.92	4.43	10.62	1024	4.81	19.06	5.96	13.76	1239	9.0	
Uttar Pradesh	2.01	8.30	3.58	8.58	1787	2.02	7.99	3.80	8.78	1886	24.6	
Madhya Pradesh	1.75	7.25	2.98	7.13	1701	1.63	6.45	2.55	5.89	1567	4.1	
Tamil Nadu	0.97	4.02	2.97	7.12	3066	0.90	3.56	2.82	6.51	3143	24.9	
Bihar	0.74	3.06	2.21	5.28	2989	0.76	3.00	2.14	4.94	2829	63.4	
Gujarat	1.01	4.16	1.55	3.71	1539	1.34	5.29	2.12	4.90	1588	18.8	
Haryana	0.48	1.97	0.83	1.98	1739	0.52	2.08	1.05	2.43	2004	49.8	
Himachal Pradesh	0.33	1.37	0.79	1.89	2397	0.32	1.26	0.69	1.58	2161	9.4	
West Bengal	0.17	0.69	0.67	1.60	4036	0.14	0.56	0.54	1.24	3789	18.6	
Punjab	0.14	0.57	0.50	1.19	3635	0.14	0.56	0.55	1.27	3873	78.1	
Jharkhand	0.28	1.18	0.49	1.17	1715	0.27	1.07	0.53	1.22	1955	1.0	
Jammu & Kashmir	0.35	1.45	0.48	1.14	1360	0.34	1.34	0.55	1.27	1622	11.5	

(Contd.)

(Contd.)

Table 4.8(b) (Contd.)

State	2014-15#					2013-14					Area Under Irrigation(%) 2012-13*
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttarakhand	0.22	0.92	0.32	0.76	1428	0.23	0.91	0.30	0.69	1296	0.4
Chhattisgarh	0.25	1.02	0.26	0.63	1069	0.24	0.94	0.26	0.61	1105	4.3
Odisha	0.17	0.72	0.24	0.58	1399	0.18	0.72	0.33	0.75	1796	2.5
Others	0.29	1.18	0.49	1.19	@	0.29	1.15	0.48	1.10	@	-
All India	24.15	100.00	41.75	100.00	1729	25.22	100.00	43.29	100.00	1717	16.5

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.9(a): Jowar: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg./Hectare
				Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	15.57	5.50	353	3.0
1951-52	15.94	6.08	381	3.5
1952-53	17.54	7.36	420	3.1
1953-54	17.76	8.08	455	3.1
1954-55	17.46	9.20	527	3.3
1955-56	17.36	6.73	387	3.6
1956-57	16.24	7.33	451	3.4
1957-58	17.31	8.64	499	3.5
1958-59	17.96	9.03	503	3.5
1959-60	17.71	8.58	484	3.6
1960-61	18.41	9.81	533	3.6
1961-62	18.25	8.03	440	3.7
1962-63	18.41	9.75	529	3.7
1963-64	18.38	9.20	501	3.9
1964-65	18.06	9.68	536	3.8
1965-66	17.68	7.58	429	4.1
1966-67	18.05	9.22	511	4.0
1967-68	18.42	10.05	545	3.9
1968-69	18.73	9.80	523	4.5
1969-70	18.61	9.72	522	4.1
1970-71	17.37	8.11	466	3.6
1971-72	16.78	7.72	460	4.4
1972-73	15.51	6.97	449	3.3
1973-74	16.72	9.10	544	4.0
1974-75	16.19	10.41	643	4.6
1975-76	16.09	9.50	591	4.9
1976-77	15.77	10.52	667	5.1
1977-78	16.32	12.06	739	4.9
1978-79	16.15	11.44	708	4.8
1979-80	16.67	11.65	699	4.9
1980-81	15.81	10.43	660	4.7
1981-82	16.60	12.06	727	4.6
1982-83	16.38	10.75	657	4.3

(Contd.)

Table 4.9(a) (Contd.)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1983-84	16.43	11.92	725	4.1
1984-85	15.94	11.40	715	4.4
1985-86	16.10	10.20	633	4.5
1986-87	15.95	9.19	576	4.9
1987-88	16.00	12.20	762	4.9
1988-89	14.60	10.17	697	5.8
1989-90	14.84	12.90	869	6.3
1990-91	14.36	11.68	814	5.6
1991-92	12.36	8.10	655	6.5
1992-93	13.04	12.81	982	6.1
1993-94	12.71	11.41	895	6.2
1994-95	11.51	8.97	779	6.7
1995-96	11.33	9.33	823	6.8
1996-97	11.43	10.94	957	6.7
1997-98	10.80	7.53	697	7.3
1998-99	9.79	8.42	859	8.1
1999-00	10.25	8.68	847	7.7
2000-01	9.86	7.53	764	7.9
2001-02	9.80	7.56	771	8.3
2002-03	9.30	7.01	754	8.5
2003-04	9.33	6.68	716	7.5
2004-05	9.09	7.24	797	9.1
2005-06	8.67	7.63	880	9.0
2006-07	8.47	7.15	844	8.6
2007-08	7.76	7.93	1021	8.5
2008-09	7.53	7.25	962	8.9
2009-10	7.79	6.70	860	8.7
2010-11	7.38	7.00	949	8.7
2011-12	6.25	5.98	957	9.7
2012-13	6.21	5.28	850	9.6
2013-14	5.79	5.54	956	-
2014-15*	5.30	5.05	953	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.9 (b): Jowar: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#					2013-14					Area Under Irrigation(%) 2012-13*	
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	Area - Million Hectares	
											Production - Million Tonnes	Yield - Kg./ Hectare
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(12)
Maharashtra	2.41	45.47	1.64	32.48	681	2.86	49.40	2.27	40.90	792	9.5	9.5
Karnataka	1.06	19.95	1.22	24.16	1154	1.14	19.66	1.32	23.77	1156	11.5	11.5
Tamil Nadu	0.43	8.02	0.63	12.50	1485	0.35	5.99	0.45	8.10	1294	13.8	13.8
Rajasthan	0.66	12.48	0.50	9.98	762	0.58	9.99	0.36	6.42	615	0.2	0.2
Andhra Pradesh	0.22	4.17	0.38	7.53	1719	0.23	3.92	0.38	6.80	1661	18.6	18.6
Madhya Pradesh	0.22	4.15	0.38	7.47	1714	0.25	4.38	0.37	6.73	1469	0.2	0.2
Uttar Pradesh	0.16	3.10	0.16	3.23	994	0.17	2.85	0.17	3.12	1048	0.5	0.5
Gujarat	0.07	1.40	0.09	1.84	1257	0.13	2.21	0.18	3.16	1367	19.8	19.8
Haryana	0.05	0.94	0.03	0.51	520	0.07	1.24	0.04	0.72	556	76.7	76.7
Odisha	0.01	0.11	0.00	0.08	667	0.01	0.13	0.00	0.07	536	-	-
Others	0.01	0.21	0.01	0.22	@	0.01	0.22	0.01	0.20	@	-	-
All India	5.30	100.00	5.05	100.00	953	5.79	100.00	5.54	100.00	956	9.7	9.7

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.10(a): Bajra: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg./Hectare
				Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	9.02	2.60	288	3.4
1951-52	9.52	2.35	246	3.8
1952-53	10.77	3.19	296	3.3
1953-54	12.20	4.55	373	3.1
1954-55	11.37	3.52	310	3.6
1955-56	11.34	3.43	302	3.6
1956-57	11.25	2.87	255	3.1
1957-58	11.17	3.62	324	2.9
1958-59	11.43	3.87	338	3.0
1959-60	10.70	3.49	327	2.5
1960-61	11.47	3.28	286	2.8
1961-62	11.28	3.65	323	2.6
1962-63	10.96	3.96	361	2.7
1963-64	11.10	3.88	349	2.3
1964-65	11.83	4.52	382	2.3
1965-66	11.97	3.75	314	2.8
1966-67	12.24	4.47	365	3.1
1967-68	12.81	5.19	405	3.0
1968-69	12.05	3.80	315	4.1
1969-70	12.49	5.33	426	4.2
1970-71	12.91	8.03	622	4.0
1971-72	11.77	5.32	452	3.7
1972-73	11.82	3.93	333	4.5
1973-74	13.93	7.52	540	4.2
1974-75	11.29	3.27	290	5.5
1975-76	11.57	5.74	496	5.1
1976-77	10.75	5.85	544	4.9
1977-78	11.10	4.73	426	4.4
1978-79	11.39	5.57	489	4.4
1979-80	10.58	3.95	373	5.5
1980-81	11.66	5.34	458	5.5
1981-82	11.78	5.54	470	6.0
1982-83	10.94	5.13	469	6.0

(Contd.)

Table 4.10(a) (*Contd.*)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1983-84	11.83	7.72	653	4.8
1984-85	10.62	6.05	569	5.2
1985-86	10.65	3.66	344	5.1
1986-87	11.27	4.51	401	6.0
1987-88	8.71	3.30	378	8.4
1988-89	12.04	7.78	646	5.3
1989-90	10.90	6.65	610	6.3
1990-91	10.48	6.89	658	5.1
1991-92	10.03	4.67	465	6.5
1992-93	10.62	8.88	836	5.8
1993-94	9.55	4.97	521	6.6
1994-95	10.22	7.16	700	5.5
1995-96	9.32	5.38	577	6.2
1996-97	9.98	7.87	788	5.3
1997-98	9.89	7.64	773	5.9
1998-99	9.30	6.96	748	7.0
1999-00	8.90	5.78	650	8.3
2000-01	9.83	6.76	688	8.0
2001-02	9.53	8.28	869	6.3
2002-03	7.74	4.72	610	9.0
2003-04	10.61	12.11	1141	6.3
2004-05	9.23	7.93	859	8.3
2005-06	9.58	7.68	802	8.9
2006-07	9.51	8.42	886	9.0
2007-08	9.57	9.97	1042	9.5
2008-09	8.75	8.89	1015	9.4
2009-10	8.90	6.51	731	8.6
2010-11	9.61	10.37	1079	8.3
2011-12	8.78	10.28	1171	8.5
2012-13	7.30	8.74	1198	9.1
2013-14	7.81	9.25	1184	-
2014-15*	7.12	9.05	1272	-

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Table 4.10 (b): Bajra: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#				2013-14				Area Under Irrigation(%) 2012-13*	
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Rajasthan	4.10	57.57	4.49	49.64	1097	4.43	56.77	3.63	39.21	818
Uttar Pradesh	0.95	13.38	1.81	19.97	1899	0.92	11.77	1.87	20.19	2033
Gujarat	0.46	6.42	0.73	8.09	1602	0.69	8.89	1.21	13.07	1742
Haryana	0.38	5.38	0.67	7.40	1749	0.40	5.17	0.83	8.98	2057
Madhya Pradesh	0.23	3.16	0.45	4.92	1978	0.19	2.42	0.38	4.10	2005
Maharashtra	0.65	9.09	0.42	4.66	652	0.76	9.76	0.79	8.52	1034
Karnataka	0.23	3.27	0.25	2.73	1060	0.28	3.59	0.33	3.58	1182
Tamil Nadu	0.06	0.83	0.17	1.88	2881	0.05	0.69	0.12	1.26	2167
Andhra Pradesh	0.04	0.55	0.05	0.52	1205	0.05	0.63	0.08	0.84	1592
Jammu & Kashmir	0.02	0.21	0.00	0.04	267	0.01	0.18	0.01	0.09	571
Others	0.01	0.14	0.01	0.15	@	0.01	0.14	0.01	0.15	@
All India	7.12	100.00	9.05	100.00	1272	7.81	100.00	9.25	100.00	1184
										9.1

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.11(a): Maize: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area Under
				Irrigation (%)
(1)	(2)	(3)	(4)	(5)
1950-51	3.16	1.73	547	11.4
1951-52	3.31	2.08	627	16.4
1952-53	3.61	2.87	796	14.0
1953-54	3.87	3.04	785	11.5
1954-55	3.75	2.98	794	14.6
1955-56	3.70	2.60	704	11.8
1956-57	3.76	3.08	819	13.1
1957-58	4.08	3.15	772	13.4
1958-59	4.27	3.46	812	10.5
1959-60	4.34	4.07	938	9.9
1960-61	4.41	4.08	926	12.6
1961-62	4.51	4.31	957	9.5
1962-63	4.64	4.61	992	11.5
1963-64	4.58	4.56	995	11.4
1964-65	4.62	4.66	1010	12.1
1965-66	4.80	4.82	1005	16.1
1966-67	5.07	4.89	964	15.6
1967-68	5.58	6.27	1123	11.9
1968-69	5.72	5.70	997	19.5
1969-70	5.86	5.67	968	18.2
1970-71	5.85	7.49	1279	15.9
1971-72	5.67	5.10	900	14.3
1972-73	5.84	6.39	1094	18.8
1973-74	6.02	5.80	965	14.7
1974-75	5.86	5.56	948	21.0
1975-76	6.03	7.26	1203	16.2
1976-77	6.00	6.36	1060	17.7
1977-78	5.68	5.97	1051	16.3
1978-79	5.76	6.20	1076	16.3
1979-80	5.72	5.60	979	24.0
1980-81	6.01	6.96	1159	20.1
1981-82	5.94	6.90	1162	19.8
1982-83	5.72	6.55	1145	21.7

(Contd.)

Table 4.11(a) (*Contd.*)

Year	Area	Production	Yield	Area Under Irrigation (%)
(1)	(2)	(3)	(4)	(5)
1983-84	5.86	7.92	1352	16.9
1984-85	5.80	8.44	1456	17.5
1985-86	5.80	6.64	1146	18.7
1986-87	5.92	7.59	1282	21.2
1987-88	5.56	5.72	1029	21.2
1988-89	5.90	8.23	1395	21.0
1989-90	5.92	9.65	1632	20.8
1990-91	5.90	8.96	1518	19.7
1991-92	5.86	8.06	1376	22.5
1992-93	5.96	9.99	1676	21.5
1993-94	6.00	9.60	1602	22.4
1994-95	6.14	8.88	1570	20.5
1995-96	5.98	9.53	1595	22.6
1996-97	6.26	10.77	1720	20.6
1997-98	6.32	10.82	1711	20.6
1998-99	6.20	11.15	1797	21.7
1999-00	6.42	11.51	1792	22.9
2000-01	6.61	12.04	1822	22.4
2001-02	6.58	13.16	2000	20.5
2002-03	6.64	11.15	1681	19.5
2003-04	7.34	14.98	2041	19.1
2004-05	7.43	14.17	1907	20.5
2005-06	7.59	14.71	1938	21.1
2006-07	7.89	15.10	1912	21.5
2007-08	8.12	18.96	2335	23.5
2008-09	8.17	19.73	2414	25.2
2009-10	8.26	16.72	2024	23.8
2010-11	8.55	21.73	2542	24.3
2011-12	8.78	21.76	2478	25.3
2012-13	8.67	22.26	2566	25.4
2013-14	9.07	24.26	2676	-
2014-15*	9.26	23.67	2557	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.11 (b): Maize: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#					2013-14					Area	
	Area	% to	Production	% to	Yield	Area	% to	Production	% to	Yield	Under irigation(%)	2012-13*
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
(1)												
Andhra Pradesh	1.00	10.75	4.24	17.89	4257	1.01	11.10	4.86	20.03	4831	49.5	
Karnataka	1.34	14.48	3.91	16.53	2921	1.38	15.19	3.98	16.41	2890	36.0	
Maharashtra	1.06	11.44	2.20	9.31	2080	1.00	11.04	2.73	11.25	2726	12.7	
Bihar	0.71	7.71	2.18	9.20	3049	0.73	8.07	2.11	8.71	2885	65.2	
Madhya Pradesh	1.13	12.23	2.03	8.56	1790	0.87	9.57	1.53	6.32	1767	2.1	
Tamil Nadu	0.34	3.69	1.83	7.74	5360	0.35	3.81	1.86	7.65	5377	38.83	
Rajasthan	0.90	9.77	1.60	6.76	1771	0.93	10.21	1.50	6.19	1622	0.9	
Uttar Pradesh	0.71	7.69	1.28	5.39	1791	0.77	8.46	1.31	5.38	1703	37.4	
Himachal Pradesh	0.30	3.24	0.75	3.18	2507	0.29	3.22	0.65	2.69	2233	8.9	
Gujarat	0.42	4.57	0.67	2.84	1589	0.46	5.08	0.68	2.81	1477	12.5	
West Bengal	0.15	1.62	0.65	2.75	4347	0.13	1.41	0.52	2.15	4078	14.6	
Jharkhand	0.27	2.91	0.48	2.01	1766	0.26	2.82	0.52	2.13	2020	0.99	
Jammu & Kashmir	0.31	3.33	0.46	1.95	1497	0.30	3.29	0.53	2.18	1779	9.4	
Punjab	0.13	1.36	0.46	1.94	3651	0.13	1.43	0.51	2.09	3900	75.9	
Others	0.48	5.22	0.94	3.95	@	0.48	5.28	0.97	4.01	@	-	
All India	9.26	100.00	23.67	100.00	2557	9.07	100.00	24.26	100.00	2676	25.4	

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

‘@’ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.12(a): Total Pulses: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area Under
				Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	19.09	8.41	441	9.4
1951-52	18.78	8.42	448	9.7
1952-53	19.84	9.19	463	9.8
1953-54	21.73	10.62	489	9.2
1954-55	21.91	10.95	500	8.8
1955-56	23.22	11.04	476	8.4
1956-57	23.32	11.55	495	7.3
1957-58	22.54	9.56	424	9.1
1958-59	24.31	13.15	541	8.4
1959-60	24.83	11.80	475	8.5
1960-61	23.56	12.70	539	8.0
1961-62	24.24	11.76	485	8.1
1962-63	24.27	11.53	475	8.9
1963-64	24.18	10.07	416	8.9
1964-65	23.88	12.42	520	9.2
1965-66	22.72	9.94	438	9.4
1966-67	22.12	8.35	377	10.9
1967-68	22.65	12.10	534	8.7
1968-69	21.26	10.42	490	9.8
1969-70	22.02	11.69	531	9.4
1970-71	22.54	11.82	524	8.8
1971-72	22.15	11.09	501	8.8
1972-73	20.92	9.91	474	8.1
1973-74	23.43	10.01	427	7.9
1974-75	22.03	10.02	455	8.1
1975-76	24.45	13.04	533	7.9
1976-77	22.98	11.36	494	7.5
1977-78	23.50	11.97	510	7.1
1978-79	23.66	12.18	515	7.9
1979-80	22.26	8.57	385	8.8
1980-81	22.46	10.63	473	9.0
1981-82	23.84	11.51	483	8.5
1982-83	22.83	11.86	519	8.2

(Contd.)

Table 4.12(a) (Contd.)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1983-84	23.54	12.89	548	7.5
1984-85	22.74	11.96	526	7.9
1985-86	24.42	13.36	547	8.5
1986-87	23.16	11.71	506	9.6
1987-88	21.27	10.96	515	9.4
1988-89	23.15	13.85	598	9.3
1989-90	23.41	12.86	549	10.0
1990-91	24.66	14.26	578	10.5
1991-92	22.54	12.02	533	10.7
1992-93	22.36	12.82	573	10.4
1993-94	22.25	13.30	598	11.3
1994-95	23.03	14.04	610	12.7
1995-96	22.28	12.31	552	12.9
1996-97	22.45	14.15	630	12.7
1997-98	22.87	12.97	567	11.3
1998-99	23.50	14.91	634	12.1
1999-00	21.12	13.42	635	16.1
2000-01	20.35	11.08	544	12.5
2001-02	22.01	13.37	607	13.3
2002-03	20.50	11.13	543	14.4
2003-04	23.46	14.91	635	13.6
2004-05	22.76	13.13	577	13.9
2005-06	22.39	13.38	598	15.0
2006-07	23.19	14.20	612	15.4
2007-08	23.63	14.76	625	16.2
2008-09	22.09	14.57	659	16.0
2009-10	23.28	14.66	630	16.2
2010-11	26.40	18.24	691	14.8
2011-12	24.46	17.09	699	16.1
2012-13	23.26	18.34	789	18.6
2013-14	25.21	19.25	764	
2014-15*	23.10	17.19	744	

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.12 (b): Total Pulses: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#					2013-14					Area	
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	Under Irrigation(%)	2012-13*
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Madhya Pradesh	5.36	23.22	4.70	27.36	877	5.40	21.40	4.64	24.12	861	38.5	
Rajasthan	3.36	14.55	1.95	11.34	580	4.20	16.65	2.49	12.94	593	21.1	
Maharashtra	3.14	13.59	1.74	10.10	553	3.95	15.68	3.17	16.46	802	9.2	
Karnataka	2.31	10.00	1.49	8.66	644	2.50	9.91	1.60	8.31	641	7.6	
Uttar Pradesh	2.34	10.14	1.45	8.42	618	2.31	9.14	1.70	8.82	736	23.8	
Andhra Pradesh	1.45	6.28	1.16	6.72	797	1.67	6.63	1.55	8.05	927	2.2	
Chhattisgarh	0.79	3.40	0.65	3.80	833	0.84	3.33	0.48	2.50	574	13.0	
Tamil Nadu	0.94	4.07	0.65	3.76	689	0.82	3.23	0.61	3.18	752	9.3	
Jharkhand	0.59	2.57	0.60	3.47	1005	0.57	2.25	0.58	3.00	1021	0.8	
Gujarat	0.64	2.76	0.58	3.38	912	0.81	3.22	0.73	3.79	897	13.5	
Odisha	0.83	3.61	0.44	2.56	528	0.78	3.09	0.42	2.18	537	5.8	
Bihar	0.51	2.19	0.42	2.44	830	0.50	1.98	0.52	2.71	1046	16.2	
West Bengal	0.25	1.07	0.18	1.02	711	0.29	1.13	0.24	1.25	843	23.4	
Haryana	0.09	0.37	0.06	0.34	686	0.15	0.60	0.13	0.65	822	36.3	
Others	0.51	2.19	1.14	6.61	@	0.44	1.75	0.39	2.03	@		
All India	23.10	100.00	17.19	100.00	744	25.21	100.00	19.25	100.00	764	18.6	

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

* @ - Since area/ production is low in individual states, yield rate is not worked out.

Provisional

Fourth Advance Estimates.

Table 4.13 (a): Gram: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area Under
				Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	7.57	3.65	482	12.5
1951-52	6.83	3.39	496	15.1
1952-53	7.26	4.21	580	14.6
1953-54	7.97	4.83	606	14.0
1954-55	9.25	5.62	608	12.8
1955-56	9.78	5.42	554	12.1
1956-57	9.67	6.23	644	10.8
1957-58	9.09	4.89	538	12.5
1958-59	10.08	7.02	697	12.0
1959-60	10.33	5.62	544	12.4
1960-61	9.28	6.25	674	11.9
1961-62	9.57	5.79	605	12.2
1962-63	9.19	5.36	583	13.7
1963-64	9.35	4.50	481	13.7
1964-65	8.87	5.78	651	15.8
1965-66	8.02	4.22	527	16.4
1966-67	8.00	3.62	453	18.8
1967-68	8.26	5.97	723	15.6
1968-69	7.11	4.31	607	18.8
1969-70	7.75	5.55	715	17.3
1970-71	7.84	5.20	663	15.6
1971-72	7.91	5.08	642	15.0
1972-73	6.97	4.54	651	15.6
1973-74	7.76	4.10	528	15.8
1974-75	7.04	4.02	570	17.8
1975-76	8.32	5.88	707	16.5
1976-77	7.97	5.42	680	15.2
1977-78	7.97	5.41	678	14.7
1978-79	7.71	5.74	745	15.6
1979-80	6.99	3.36	481	18.6
1980-81	6.58	4.33	657	20.6
1981-82	7.87	4.64	590	17.9
1982-83	7.40	5.29	715	15.6

(Contd.)

Table 4.13(a) (*Contd.*)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1983-84	7.16	4.75	663	14.5
1984-85	6.91	4.56	661	14.8
1985-86	7.80	5.79	742	15.6
1986-87	6.98	4.53	649	19.4
1987-88	5.77	3.63	629	19.2
1988-89	6.81	5.13	753	18.3
1989-90	6.47	4.22	652	21.0
1990-91	7.52	5.36	712	20.5
1991-92	5.58	4.12	739	24.2
1992-93	6.45	4.42	684	22.0
1993-94	6.36	4.98	783	24.0
1994-95	7.54	6.44	853	25.3
1995-96	7.12	4.98	700	26.0
1996-97	6.85	5.57	813	25.1
1997-98	7.56	6.13	811	21.8
1998-99	8.47	6.80	803	21.0
1999-00	6.15	5.12	833	29.1
2000-01	5.19	3.86	744	30.9
2001-02	6.42	5.47	853	30.4
2002-03	5.91	4.24	717	32.1
2003-04	7.05	5.72	811	31.0
2004-05	6.71	5.47	815	31.4
2005-06	6.93	5.60	808	31.1
2006-07	7.49	6.33	845	31.7
2007-08	7.54	5.75	762	34.1
2008-09	7.89	7.06	895	33.6
2009-10	8.17	7.48	915	32.2
2010-11	9.19	8.22	894	29.7
2011-12	8.30	7.70	928	33.5
2012-13	8.52	8.83	1036	36.5
2013-14	9.93	9.53	960	-
2014-15*	8.19	7.17	875	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.13 (b): Gram: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#					2013-14					Area	
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	Under Irrigation(%) 2012-13*	Yield - Kg./ Hectare
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Madhya Pradesh	2.85	34.83	2.96	41.34	1039	3.16	31.83	3.30	34.63	1044	57.9	
Rajasthan	1.26	15.33	0.91	12.69	725	1.92	19.37	1.64	17.22	853	49.2	
Maharashtra	1.35	16.46	0.83	11.56	615	1.82	18.33	1.62	17.01	890	24.2	
Karnataka	0.95	11.54	0.77	10.73	814	0.95	9.53	0.72	7.52	757	12.2	
Andhra Pradesh	0.40	4.90	0.46	6.43	1150	0.59	5.90	0.84	8.85	1439	1.7	
Uttar Pradesh	0.56	6.81	0.38	5.31	683	0.58	5.81	0.48	4.99	823	17.6	
Chattisgarh	0.28	3.42	0.29	4.05	1036	0.28	2.78	0.21	2.24	772	40.5	
Gujarat	0.17	2.08	0.19	2.68	1129	0.25	2.49	0.31	3.24	1251	43.8	
Bihar	0.06	0.76	0.06	0.84	968	0.06	0.61	0.07	0.78	1213	9.5	
Haryana	0.07	0.82	0.04	0.61	657	0.08	0.84	0.08	0.79	904	18.9	
Odisha	0.05	0.57	0.04	0.50	766	0.05	0.47	0.04	0.38	766	-	
West Bengal	0.03	0.33	0.03	0.45	1185	0.02	0.24	0.03	0.30	1208	30.6	
Others	0.18	2.16	0.20	2.80	@	0.18	1.78	0.20	2.07	@	-	
All India	8.19	100.00	7.17	100.00	875	9.93	100.00	9.53	100.00	960	36.5	

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

*Provisional

Fourth Advance Estimates.

Table 4.14(a): Tur (Arhar): All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg./Hectare
				Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	2.18	1.72	788	0.5
1951-52	2.45	1.83	748	0.5
1952-53	2.40	1.70	709	0.6
1953-54	2.40	1.86	775	0.6
1954-55	2.40	1.72	715	0.5
1955-56	2.29	1.86	814	0.4
1956-57	2.29	1.99	867	0.3
1957-58	2.36	1.48	625	0.5
1958-59	2.47	1.70	688	0.5
1959-60	2.43	1.70	700	0.5
1960-61	2.43	2.07	849	0.5
1961-62	2.45	1.37	559	0.5
1962-63	2.45	1.58	645	0.4
1963-64	2.52	1.38	549	0.4
1964-65	2.58	1.89	733	0.5
1965-66	2.56	1.73	678	0.4
1966-67	2.52	1.13	448	0.7
1967-68	2.67	1.74	653	0.5
1968-69	2.53	1.82	718	0.5
1969-70	2.67	1.84	690	0.3
1970-71	2.66	1.88	709	0.3
1971-72	2.35	1.68	718	0.3
1972-73	2.42	1.93	795	0.4
1973-74	2.65	1.41	532	0.4
1974-75	2.53	1.83	725	0.5
1975-76	2.67	2.10	786	0.4
1976-77	2.57	1.73	672	0.5
1977-78	2.63	1.93	735	0.5
1978-79	2.64	1.89	716	0.8
1979-80	2.73	1.76	643	1.8
1980-81	2.84	1.96	689	2.6
1981-82	3.00	2.24	745	2.1
1982-83	2.93	1.99	680	2.4

(Contd.)

Table 4.14(a) (Contd.)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1983-84	3.22	2.58	801	3.0
1984-85	3.16	2.58	819	3.9
1985-86	3.18	2.44	767	4.3
1986-87	3.15	2.27	722	4.2
1987-88	3.33	2.28	685	4.9
1988-89	3.49	2.72	779	4.7
1989-90	3.60	2.75	763	5.1
1990-91	3.59	2.41	673	5.5
1991-92	3.63	2.13	588	5.2
1992-93	3.58	2.33	652	4.9
1993-94	3.53	2.69	762	5.0
1994-95	3.31	2.14	644	5.5
1995-96	3.45	2.31	670	5.2
1996-97	3.51	2.66	756	5.4
1997-98	3.36	1.85	551	5.5
1998-99	3.44	2.71	787	4.2
1999-00	3.43	2.69	786	4.4
2000-01	3.63	2.25	618	4.2
2001-02	3.33	2.26	679	4.7
2002-03	3.36	2.19	651	4.6
2003-04	3.52	2.36	670	4.7
2004-05	3.52	2.35	667	4.4
2005-06	3.58	2.74	765	4.4
2006-07	3.56	2.31	650	4.7
2007-08	3.73	3.08	826	4.4
2008-09	3.38	2.27	671	4.5
2009-10	3.47	2.46	711	4.5
2010-11	4.37	2.86	654	4.0
2011-12	4.01	2.65	661	3.9
2012-13	3.89	3.02	776	3.9
2013-14	3.90	3.17	813	-
2014-15*	3.71	2.78	750	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.14 (b): Tur (Arhar): Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#					2013-14					Area	
	Area		% to		Yield	Area		% to		Production	Yield	
	(2)	(3)	(4)	(5)		(7)	(8)	(9)	(10)		(11)	(12)
(1)												
Maharashtra	1.04	27.97	0.66	23.89	640	1.14	29.23	1.03	32.58	906	906	1.5
Madhya Pradesh	0.52	14.05	0.51	18.39	981	0.46	11.89	0.33	10.46	716	716	1.6
Karnataka	0.73	19.64	0.48	17.24	658	0.82	21.11	0.59	18.49	712	712	5.1
Gujarat	0.23	6.18	0.26	9.28	1127	0.21	5.38	0.21	6.58	995	995	7.5
Jharkhand	0.20	5.26	0.20	7.16	1021	0.20	5.02	0.21	6.62	1071	1071	0.5
Andhra Pradesh	0.37	10.04	0.18	6.59	492	0.45	11.48	0.24	7.66	542	542	0.5
Uttar Pradesh	0.29	7.74	0.17	6.26	606	0.30	7.71	0.27	8.54	900	900	0.9
Odisha	0.14	3.70	0.12	4.43	898	0.14	3.53	0.12	3.91	899	899	-
Tamil Nadu	0.08	2.16	0.08	2.95	1025	0.06	1.51	0.06	1.80	966	966	9.3
Bihar	0.02	0.59	0.03	1.15	1455	0.02	0.54	0.04	1.13	1714	1714	1.5
Others	0.10	2.67	0.07	2.66	@	0.10	2.61	0.07	2.24	@	@	-
All-India	3.71	100.00	2.78	100.00	750	3.90	100.00	3.17	100.00	813	813	3.9

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.15(a): Lentil (Masur): All-India Area, Production and Yield

Year	Area	Production	Area - Million Hectares
			Production - Million Tonnes
(1)	(2)	(3)	Yield - Kg./Hectare
			(4)
1970-71	0.75	0.37	497
1971-72	0.63	0.30	481
1972-73	0.83	0.37	447
1973-74	0.93	0.41	440
1974-75	0.95	0.46	480
1975-76	0.94	0.46	492
1976-77	0.85	0.39	461
1977-78	0.88	0.38	436
1978-79	1.01	0.45	443
1979-80	0.85	0.32	377
1980-81	0.93	0.47	498
1981-82	0.95	0.50	525
1982-83	1.00	0.49	491
1983-84	0.94	0.53	566
1984-85	0.98	0.55	557
1985-86	1.09	0.66	607
1986-87	1.09	0.66	607
1987-88	1.04	0.66	635
1988-89	1.08	0.73	679
1989-90	1.11	0.71	635
1990-91	1.19	0.85	717
1991-92	1.19	0.80	674
1992-93	1.20	0.79	657
1993-94	1.18	0.75	632
1994-95	1.16	0.78	678
1995-96	1.26	0.71	569
1996-97	1.37	0.96	702
1997-98	1.29	0.80	623
1998-99	1.39	0.94	675
1999-00	1.46	1.08	738
2000-01	1.48	0.92	619
2001-02	1.47	0.97	664
2002-03	1.38	0.87	634
2003-04	1.40	1.04	743

(Contd.)

Table 4.15(a) (*Contd.*)

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
2004-05	1.47	0.99	675
2005-06	1.51	0.95	629
2006-07	1.47	0.91	621
2007-08	1.31	0.81	622
2008-09	1.38	0.95	693
2009-10	1.48	1.03	697
2010-11	1.60	0.94	591
2011-12	1.56	1.06	678
2012-13	1.42	1.13	797
2013-14	1.34	1.02	758

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.15 (b): Lintil (Masur): Area, Production and Yield during 2012-13 and 2013-14 in major Producing States

State	2013-14				2012-13				Yield - Kg./ Hectare	
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production		% to All - India
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(10)
Madhya Pradesh	0.53	39.52	0.34	33.24	638	0.57	40.06	0.33	29.37	584
Uttar Pradesh	0.45	33.48	0.31	30.48	690	0.50	34.79	0.44	38.89	891
Bihar	0.15	11.48	0.20	19.27	1273	0.16	11.17	0.18	16.14	1151
West Bengal	0.07	4.88	0.06	6.18	959	0.06	4.50	0.06	5.42	961
Rajasthan	0.03	2.56	0.03	2.87	851	0.03	1.94	0.03	2.56	1051
Assam	0.03	2.24	0.02	2.20	747	0.03	2.03	0.02	1.50	588
Others	0.08	5.83	0.06	5.76	@	0.08	5.52	0.07	6.13	@
All-India	1.34	100.00	1.02	100.00	758	1.42	100.00	1.13	100.00	797

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2013-14.

@@ - Since area/ production is low in individual states, yield rate is not worked out.

Table 4.16(a): Nine Oilseeds: All-India Area, Production and Yield alongwith coverage under Irrigation
Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	10.73	5.16	481	NA
1951-52	11.69	5.03	430	NA
1952-53	11.18	4.73	424	0.8
1953-54	10.99	5.37	488	1.0
1954-55	12.52	6.40	511	1.1
1955-56	12.09	5.73	474	2.4
1956-57	12.49	6.36	509	2.7
1957-58	12.66	6.35	502	3.5
1958-59	13.00	7.30	561	3.2
1959-60	13.95	6.56	470	3.1
1960-61	13.77	6.98	507	3.3
1961-62	14.77	7.28	493	3.6
1962-63	15.34	7.39	482	3.3
1963-64	14.82	7.13	481	3.7
1964-65	15.26	8.56	561	3.4
1965-66	15.25	6.40	419	3.7
1966-67	15.00	6.43	428	5.1
1967-68	15.67	8.30	530	5.0
1968-69	14.47	6.85	473	4.8
1969-70	14.81	7.73	522	6.1
1970-71	16.64	9.63	579	7.4
1971-72	17.27	9.08	526	7.7
1972-73	15.79	7.14	452	7.2
1973-74	16.90	9.39	555	8.8
1974-75	17.31	9.15	529	9.2
1975-76	16.92	10.61	627	7.9
1976-77	16.47	8.43	512	7.6
1977-78	17.17	9.66	563	10.4
1978-79	17.71	10.10	570	11.0
1979-80	16.94	8.74	516	12.6
1980-81	17.60	9.37	532	14.5
1981-82	18.91	12.08	639	15.4
1982-83	17.76	10.00	563	15.6
1983-84	18.69	12.69	679	17.0
1984-85	18.92	12.95	684	19.6
1985-86	19.02	10.83	570	17.3
1986-87	18.63	11.27	605	17.9

(Contd.)

Table 4.16(a) (Contd.)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1987-88	20.13	12.65	629	20.6
1988-89	21.90	18.03	824	22.3
1989-90	22.80	16.92	742	22.1
1990-91	24.15	18.61	771	22.9
1991-92	25.89	18.60	719	25.5
1992-93	25.24	20.11	797	24.1
1993-94	26.90	21.50	799	22.8
1994-95	25.30	21.34	843	25.0
1995-96	25.96	22.11	851	26.0
1996-97	26.31	24.38	927	26.3
1997-98	26.09	21.32	817	24.3
1998-99	26.20	24.75	945	23.2
1999-00	24.26	20.71	854	25.2
2000-01	22.77	18.44	810	23.0
2001-02	22.64	20.66	913	24.3
2002-03	21.49	14.84	691	22.7
2003-04	23.66	25.19	1064	24.5
2004-05	27.52	24.35	885	26.6
2005-06	27.86	27.98	1004	28.0
2006-07	26.51	24.29	916	28.3
2007-08	26.69	29.76	1115	27.1
2008-09	27.56	27.72	1006	27.1
2009-10	25.96	24.88	958	25.9
2010-11	27.22	32.48	1193	25.1
2011-12	26.31	29.80	1133	27.6
2012-13	26.48	30.94	1168	28.3
2013-14	28.05	32.75	1168	
2014-15*	25.73	26.67	1037	

Source: Directorate of Economics & Statistics, DAC&FW

'Note: 1. Data for 1950-51 to 1969-70 relate to total of five major oilseeds viz. groundnut, 'castorseed, sesamum, rapeseed & mustard and linseed. After 1969-70 data also ' included 'soyabean, Sunflower, Nigerseed and Safflower.

* 4th Advance Estimates.

NA-Not available

State	2014-15#				2013-14				Area				
	Area		% to		Production		% to		Yield				
	(2)	(3)	All - India	(4)	(5)	(6)	All - India	(7)	(8)	(9)	(10)	(11)	(12)
(1)	(2)	(3)	All - India	(4)	(5)	(6)	All - India	(7)	(8)	(9)	(10)	(11)	(12)
Madhya Pradesh	7.09	27.54	7.72	28.96	1090	7.73	27.57	6.63	20.24	857	5.5		
Rajasthan	4.46	17.34	5.32	19.94	1192	5.27	18.80	6.03	18.42	1144	60.4		
Gujarat	2.57	9.99	3.98	14.93	1550	3.08	10.98	6.87	20.98	2231	31.3		
Maharashtra	4.31	16.75	2.83	10.62	658	4.15	14.79	5.29	16.15	1275	3.2		
Andhra Pradesh	1.57	6.10	1.22	4.57	778	2.03	7.24	1.89	5.76	929	25.6		
Karnataka	1.36	5.29	1.05	3.94	773	1.41	5.03	1.16	3.54	823	30.7		
Tamil Nadu	0.42	1.63	0.96	3.60	2294	0.41	1.45	0.96	2.93	2353	64.1		
West Bengal	0.78	3.03	0.93	3.49	1194	0.77	2.75	0.91	2.78	1181	82.5		
Uttar Pradesh	1.13	4.38	0.79	2.95	698	1.11	3.94	0.90	2.73	809	50.8		
Haryana	0.51	1.99	0.72	2.71	1415	0.55	1.96	0.90	2.75	1638	80.8		
Assam	0.30	1.15	0.19	0.70	626	0.31	1.09	0.19	0.57	610	0.4		
Odisha	0.21	0.82	0.15	0.55	692	0.22	0.80	0.17	0.51	753	17.3		
Bihar	0.12	0.48	0.13	0.49	1056	0.12	0.43	0.15	0.45	1197	57.0		
Punjab	0.07	0.28	0.08	0.29	1068	0.05	0.17	0.06	0.20	1333	88.0		
Others	0.83	3.23	0.60	2.26	@	0.85	3.02	0.65	2.00	@	-		
All India	25.73	100.00	26.67	100.00	1037	28.05	100.00	32.75	100.00	1168	28.3		

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.17(a): Groundnut: All-India Area, Production and Yield alongwith coverage under Irrigation

Area - Million Hectares

Production - Million Tonnes

Yield - Kg./Hectare

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	4.49	3.48	775	NA
1951-52	4.92	3.19	649	NA
1952-53	4.80	2.93	611	1.2
1953-54	4.25	3.45	811	1.5
1954-55	5.54	4.25	766	1.7
1955-56	5.13	3.86	752	1.7
1956-57	5.53	4.37	783	1.8
1957-58	6.42	4.71	734	2.9
1958-59	6.25	5.18	828	2.5
1959-60	6.44	4.56	708	2.5
1960-61	6.46	4.81	745	3.0
1961-62	6.89	4.99	725	3.4
1962-63	7.28	5.06	695	2.6
1963-64	6.89	5.30	769	3.0
1964-65	7.38	6.00	814	2.9
1965-66	7.70	4.26	554	3.4
1966-67	7.30	4.41	604	4.8
1967-68	7.55	5.73	759	5.4
1968-69	7.09	4.63	653	5.1
1969-70	7.13	5.13	720	5.8
1970-71	7.33	6.11	834	7.5
1971-72	7.51	6.18	823	7.3
1972-73	6.99	4.09	585	6.6
1973-74	7.02	5.93	845	9.1
1974-75	7.06	5.11	724	8.2
1975-76	7.22	6.76	935	6.9
1976-77	7.04	5.26	747	5.9
1977-78	7.03	6.09	866	8.1
1978-79	7.43	6.21	835	9.6
1979-80	7.17	5.77	805	12.1
1980-81	6.80	5.01	736	13.3
1981-82	7.43	7.22	972	14.2
1982-83	7.22	5.28	732	14.8
1983-84	7.54	7.09	940	16.0
1984-85	7.17	6.44	898	16.1

(Contd.)

Table 4.17(a) (Contd.)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1985-86	7.12	5.12	719	14.8
1986-87	6.98	5.88	841	15.1
1987-88	6.84	5.85	855	19.0
1988-89	8.53	9.66	1132	18.6
1989-90	8.71	8.10	930	17.0
1990-91	8.31	7.51	904	18.6
1991-92	8.67	7.09	818	19.1
1992-93	8.17	8.56	1049	19.7
1993-94	8.32	7.83	941	19.4
1994-95	7.85	8.06	1027	19.9
1995-96	7.52	7.58	1007	18.1
1996-97	7.60	8.64	1138	17.9
1997-98	7.09	7.37	1040	19.5
1998-99	7.40	8.98	1214	19.4
1999-00	6.87	5.25	764	19.0
2000-01	6.56	6.41	977	17.6
2001-02	6.24	7.03	1127	17.3
2002-03	5.94	4.12	694	16.5
2003-04	5.99	8.13	1357	16.6
2004-05	6.64	6.77	1020	17.8
2005-06	6.74	7.99	1187	19.6
2006-07	5.62	4.86	866	19.8
2007-08	6.29	9.18	1459	20.3
2008-09	6.16	7.17	1163	20.9
2009-10	5.48	5.43	991	24.3
2010-11	5.86	8.26	1411	22.4
2011-12	5.26	6.96	1323	24.3
2012-13	4.72	4.70	995	26.0
2013-14	5.51	9.71	1764	-
2014-15*	4.68	6.56	1400	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

NA-Not available

Table 4.17 (b): Groundnut: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#					2013-14					Area	
	Area		% to		Yield	Area		% to		Yield	Under Irrigation (%)	
	All - India	(2)	(3)	(4)		All - India	(7)	All - India	(8)		2012-13*	(12)
(1)					(6)							
Gujarat	1.40	29.93	2.22	33.90	1586	1.84	33.48	4.92	50.62	2668	12.4	
Tamil Nadu	0.34	7.15	0.90	13.79	2699	0.34	6.10	0.92	9.42	2723	39.8	
Andhra Pradesh	1.03	21.97	0.79	12.09	771	1.39	25.18	1.24	12.73	892	24.1	
Karnataka	0.65	13.81	0.56	8.59	870	0.66	11.90	0.57	5.82	863	35.2	
Madhya Pradesh	0.23	4.93	0.37	5.64	1602	0.21	3.74	0.32	3.34	1573	8.1	
Maharashtra	0.24	5.10	0.25	3.87	1063	0.32	5.72	0.39	4.05	1248	20.8	
Rajasthan	0.50	10.76	1.02	15.56	2024	0.46	8.37	0.90	9.27	1952	80.3	
Uttar Pradesh	0.10	2.09	0.08	1.28	857	0.10	1.74	0.09	0.89	896	4.4	
Odisha	0.05	1.02	0.07	1.01	1375	0.06	1.07	0.09	0.89	1458	22.0	
Others	0.15	3.22	0.28	4.27	@	0.15	2.69	0.29	3.00	@	-	
All India	4.68	100.00	6.56	100.00	1400	5.51	100.00	9.71	100.00	1764	26.0	

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.18(a): Rapseed & Mustard: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg./Hectare
				Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	2.07	0.76	368	NA
1951-52	2.40	0.94	393	NA
1952-53	2.11	0.86	408	NA
1953-54	2.24	0.87	389	NA
1954-55	2.44	1.04	425	NA
1955-56	2.56	0.86	336	10.4
1956-57	2.54	1.04	411	13.5
1957-58	2.41	0.93	387	13.0
1958-59	2.45	1.04	426	13.0
1959-60	2.91	1.06	365	12.3
1960-61	2.88	1.35	467	12.1
1961-62	3.17	1.35	425	13.2
1962-63	3.13	1.30	417	13.3
1963-64	3.05	0.92	300	16.1
1964-65	2.91	1.47	507	15.2
1965-66	2.91	1.30	446	15.8
1966-67	3.01	1.23	408	20.3
1967-68	3.24	1.57	483	14.8
1968-69	2.87	1.35	469	18.4
1969-70	3.17	1.56	493	23.5
1970-71	3.32	1.98	594	25.2
1971-72	3.61	1.43	396	28.6
1972-73	3.32	1.81	545	26.7
1973-74	3.46	1.70	493	30.4
1974-75	3.68	2.25	612	35.4
1975-76	3.34	1.94	580	31.2
1976-77	3.13	1.55	496	34.4
1977-78	3.58	1.65	460	39.7
1978-79	3.54	1.86	525	39.7
1979-80	3.47	1.43	411	41.9
1980-81	4.11	2.30	560	43.7
1981-82	4.40	2.38	541	44.9
1982-83	3.83	2.21	577	44.0
1983-84	3.87	2.61	673	46.6

(Contd.)

Table 4.18(a) (Contd.)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1984-85	3.99	3.07	771	53.3
1985-86	3.98	2.68	674	51.3
1986-87	3.72	2.60	700	51.8
1987-88	4.62	3.45	748	54.7
1988-89	4.83	4.38	906	60.0
1989-90	4.97	4.13	831	61.6
1990-91	5.78	5.23	904	59.8
1991-92	6.55	5.86	895	63.9
1992-93	6.19	4.80	776	60.0
1993-94	6.29	5.33	847	59.4
1994-95	6.01	5.76	958	62.4
1995-96	6.55	6.00	916	65.8
1996-97	6.55	6.66	1017	69.1
1997-98	7.04	4.70	668	60.0
1998-99	6.51	5.66	869	58.3
1999-00	6.03	5.79	961	63.2
2000-01	4.48	4.19	936	66.1
2001-02	5.07	5.08	1002	68.3
2002-03	4.54	3.88	854	69.2
2003-04	5.43	6.29	1159	67.0
2004-05	7.32	7.59	1038	69.3
2005-06	7.28	8.13	1117	72.1
2006-07	6.79	7.44	1095	74.3
2007-08	5.83	5.83	1001	75.5
2008-09	6.30	7.20	1143	73.9
2009-10	5.59	6.61	1183	71.1
2010-11	6.90	8.18	1185	69.9
2011-12	5.89	6.60	1121	73.2
2012-13	6.36	8.03	1262	76.5
2013-14	6.65	7.88	1185	-
2014-15*	5.79	6.31	1089	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

NA- Not available

Table 4.18 (b): Rapeseed & Mustard: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#					2013-14				Area	
	Area		Yield		Area	Production		% to All - India	% to All - India	Yield	Under Irrigation (%) 2012-13*
	(2)	(3)	(4)	(5)		(6)	(7)				
(1)											
Rajasthan	2.47	42.72	2.90	45.89	1170	3.08	46.32	3.80	48.21	1234	89.4
Madhya Pradesh	0.71	12.31	0.72	11.36	1006	0.76	11.47	0.84	10.72	1108	51.7
Haryana	0.50	8.57	0.70	11.08	1409	0.54	8.08	0.88	11.17	1639	80.7
Uttar Pradesh	0.63	10.81	0.58	9.22	930	0.66	9.96	0.74	9.34	1112	85.2
West Bengal	0.45	7.81	0.49	7.77	1084	0.45	6.74	0.48	6.07	1067	88.1
Gujarat	0.18	3.18	0.31	4.85	1663	0.28	4.24	0.49	6.17	1723	95.2
Assam	0.27	4.66	0.17	2.69	630	0.28	4.20	0.17	2.13	602	-
Bihar	0.09	1.50	0.09	1.46	1057	0.09	1.28	0.11	1.35	1247	62.2
Punjab	0.03	0.54	0.04	0.60	1226	0.03	0.48	0.04	0.52	1281	93.0
Others	0.46	7.91	0.32	5.07	@	0.48	7.22	0.34	4.32	@	-
All India	5.79	100.00	6.31	100.00	1089	6.65	100.00	7.88	100.00	1185	76.5

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.19(a): Soybean: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg./ Hectare
				Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1970-71	0.03	0.01	426	NA
1971-72	0.03	0.01	426	NA
1972-73	0.03	0.03	819	NA
1973-74	0.05	0.04	829	NA
1974-75	0.07	0.05	768	NA
1975-76	0.09	0.09	975	NA
1976-77	0.13	0.12	988	NA
1977-78	0.20	0.18	940	NA
1978-79	0.31	0.30	975	NA
1979-80	0.50	0.28	568	NA
1980-81	0.61	0.44	728	NA
1981-82	0.48	0.35	741	NA
1982-83	0.77	0.49	637	NA
1983-84	0.84	0.61	735	NA
1984-85	1.24	0.95	768	NA
1985-86	1.34	1.02	764	NA
1986-87	1.53	0.89	584	NA
1987-88	1.54	0.90	582	NA
1988-89	1.73	1.55	892	NA
1989-90	2.25	1.81	801	NA
1990-91	2.56	2.60	1015	NA
1991-92	3.18	2.49	782	NA
1992-93	3.79	3.39	894	2.6
1993-94	4.37	4.75	1086	2.5
1994-95	4.32	3.93	911	2.9
1995-96	5.04	5.10	1012	3.7
1996-97	5.44	5.38	989	2.7
1997-98	5.99	6.46	1079	2.6
1998-99	6.49	7.14	1100	2.5
1999-00	6.22	7.08	1138	1.6
2000-01	6.42	5.28	823	1.4
2001-02	6.34	5.96	940	1.7
2002-03	6.11	4.65	762	0.8

(Contd.)

Table 4.19(a) (Contd.)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
2003-04	6.55	7.82	1193	1.4
2004-05	7.57	6.87	908	1.8
2005-06	7.71	8.27	1073	1.7
2006-07	8.33	8.85	1063	1.1
2007-08	8.88	10.97	1235	1.2
2008-09	9.51	9.91	1041	0.7
2009-10	9.73	9.96	1024	0.7
2010-11	9.60	12.74	1327	0.6
2011-12	10.11	12.21	1208	0.6
2012-13	10.84	14.67	1353	0.6
2013-14	11.72	11.86	1012	-
2014-15*	11.09	10.53	950	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

NA- Not available

Table 4.19 (b): Soyabean: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#					2013-14					Area	
	Area		Yield		% to All - India	Area		Yield		% to All - India	Production	Yield
	(2)	(3)	(4)	(5)		(6)	(7)	(8)	(9)			
(1)												
Madhya Pradesh	5.58	50.32	6.35	60.35		11.39	6.31	53.84	5.24		831	0.3
Maharashtra	3.80	34.29	2.49	23.65		655	3.52	30.04	4.75		1349	0.4
Rajasthan	0.92	8.33	0.96	9.08		1036	1.18	10.03	0.97		829	0.2
Andhra Pradesh	0.24	2.20	0.26	2.51		1082	0.25	2.09	0.40		1612	12.5
Karnataka	0.26	2.30	0.23	2.15		886	0.22	1.87	0.27		1233	7.0
Others	0.28	2.57	0.24	2.26		@	0.25	2.13	0.23		@	-
All India	11.09	100.00	10.53	100.00		950	11.72	100.00	11.86		1012	0.6

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.20(a): Sunflower: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
Year	Area	Production	Yield	Yield - Kg./Hectare
				Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1970-71	0.12	0.08	653	NA
1971-72	0.12	0.08	653	NA
1972-73	0.12	0.08	653	NA
1973-74	0.24	0.17	712	NA
1974-75	0.34	0.23	671	NA
1975-76	0.32	0.22	686	NA
1976-77	0.26	0.14	541	NA
1977-78	0.27	0.14	523	NA
1978-79	0.18	0.10	543	NA
1979-80	0.06	0.03	519	NA
1980-81	0.12	0.07	555	NA
1981-82	0.28	0.16	564	NA
1982-83	0.46	0.23	497	NA
1983-84	0.70	0.30	431	NA
1984-85	0.84	0.44	527	NA
1985-86	0.75	0.28	374	NA
1986-87	1.02	0.42	411	NA
1987-88	1.65	0.64	385	NA
1988-89	1.10	0.37	335	NA
1989-90	1.19	0.63	529	NA
1990-91	1.63	0.87	535	NA
1991-92	2.11	1.19	565	NA
1992-93	2.09	1.18	567	19.6
1993-94	2.67	1.35	505	17.7
1994-95	2.00	1.22	610	18.2
1995-96	2.12	1.26	593	21.0
1996-97	1.93	1.25	646	21.1
1997-98	1.74	0.89	510	21.6
1998-99	1.82	0.95	521	20.1
1999-00	1.29	0.69	536	23.3
2000-01	1.07	0.65	605	27.6
2001-02	1.18	0.68	577	24.1
2002-03	1.64	0.87	531	22.9

(Contd.)

Table 4.20(a) (Contd.)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
2003-04	2.00	0.93	464	15.4
2004-05	2.16	1.19	549	26.0
2005-06	2.34	1.44	615	24.9
2006-07	2.16	1.23	567	26.4
2007-08	1.91	1.46	765	31.8
2008-09	1.81	1.16	639	30.6
2009-10	1.48	0.85	576	29.5
2010-11	0.93	0.65	699	31.7
2011-12	0.73	0.52	712	32.4
2012-13	0.83	0.54	655	29.7
2013-14	0.67	0.50	750	-
2014-15*	0.55	0.42	753	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

NA- Not available

Table 4.20 (b): Sunflower: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#				2013-14				Area	
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
(1)										
Karnataka	0.36	64.43	0.21	51.08	597	0.42	62.24	0.25	50.30	607
Andhra Pradesh	0.07	12.34	0.06	14.94	912	0.10	14.93	0.09	17.30	870
Maharashtra	0.05	8.35	0.02	4.58	413	0.07	10.60	0.04	8.75	620
Haryana	0.01	1.63	0.02	4.58	2111	0.01	0.75	0.01	2.39	2400
Bihar	0.01	2.36	0.02	4.34	1385	0.01	2.09	0.02	3.78	1357
Tamil Nadu	0.01	1.45	0.01	3.13	1625	0.01	1.04	0.01	2.39	1714
Utar Pradesh	0.00	0.54	0.01	1.20	1667	0.00	0.45	0.01	0.99	1667
Others	0.05	8.89	0.07	16.14	@	0.05	7.91	0.07	14.12	@
All India	0.55	100.00	0.42	100.00	753	0.67	100.00	0.50	100.00	751
										29.7

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.21(a): Cotton: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Bales (170 Kg. of each
				Yield - Kg./ Hectare
				Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	5.88	3.04	88	8.2
1951-52	6.56	3.28	85	9.1
1952-53	6.36	3.34	89	8.5
1953-54	6.99	4.13	100	8.4
1954-55	7.55	4.45	100	9.8
1955-56	8.09	4.18	88	10.0
1956-57	8.02	4.92	104	11.0
1957-58	8.01	4.96	105	12.7
1958-59	7.96	4.88	104	12.5
1959-60	7.30	3.68	86	12.9
1960-61	7.61	5.60	125	12.7
1961-62	7.98	4.85	103	13.0
1962-63	7.73	5.54	122	14.1
1963-64	8.22	5.75	119	15.3
1964-65	8.37	6.01	122	15.5
1965-66	7.96	4.85	104	15.9
1966-67	7.84	5.27	114	16.1
1967-68	8.00	5.78	123	16.7
1968-69	7.60	5.45	122	16.5
1969-70	7.73	5.56	122	16.4
1970-71	7.61	4.76	106	17.3
1971-72	7.80	6.95	151	20.3
1972-73	7.68	5.74	127	21.0
1973-74	7.57	6.31	142	22.1
1974-75	7.56	7.16	161	22.9
1975-76	7.35	5.95	138	23.5
1976-77	6.89	5.84	144	24.6
1977-78	7.87	7.24	157	26.2
1978-79	8.12	7.96	167	27.2
1979-80	8.13	7.65	160	27.5
1980-81	7.82	7.01	152	27.3
1981-82	8.06	7.88	166	27.7
1982-83	7.87	7.53	163	29.0

(Contd.)

Table 4.21(a) (*Contd.*)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1983-84	7.72	6.39	141	29.9
1984-85	7.38	8.51	196	28.5
1985-86	7.53	8.73	197	30.2
1986-87	6.95	6.91	169	31.1
1987-88	6.46	6.38	168	32.0
1988-89	7.34	8.74	202	33.0
1989-90	7.69	11.42	252	34.2
1990-91	7.44	9.84	225	32.9
1991-92	7.66	9.71	216	33.3
1992-93	7.54	11.40	257	34.6
1993-94	7.32	10.74	249	34.7
1994-95	7.87	11.89	257	34.2
1995-96	9.04	12.86	242	35.0
1996-97	9.12	14.23	265	35.8
1997-98	8.87	10.85	208	36.8
1998-99	9.34	12.29	224	34.9
1999-00	8.71	11.53	225	35.2
2000-01	8.53	9.52	190	34.3
2001-02	9.13	10.00	186	34.0
2002-03	7.67	8.62	191	33.1
2003-04	7.60	13.73	307	27.1
2004-05	8.79	16.43	318	36.9
2005-06	8.68	18.50	362	36.1
2006-07	9.14	22.63	421	35.0
2007-08	9.41	25.88	467	35.1
2008-09	9.41	22.28	403	35.3
2009-10	10.13	24.02	403	35.3
2010-11	11.24	33.00	499	33.8
2011-12	12.18	35.20	491	35.9
2012-13	11.98	34.22	486	33.8
2013-14	11.96	35.90	510	-
2014-15*	13.08	35.48	461	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.21 (b): Cotton: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

State	2014-15#					2013-14					Area - Million Hectares	
	Area		Yield		% to All - India	Area		Yield		% to All - India	Production - Million Bales (170 kg. each)	
	(2)	(3)	(4)	(5)		(7)	(8)	(9)	(10)		Yield - Kg./ Hectare	Area Under Irrigation (%) 2012-13*
(1)												(12)
Gujarat	3.01	23.01	11.09	31.26		2.52	21.06	10.15	28.27		685	58.7
Maharashtra	4.19	32.04	7.02	19.79		4.19	35.05	8.83	24.61		358	2.7
Andhra Pradesh	2.54	19.41	6.64	18.72		2.39	19.97	6.96	19.38		495	13.9
Haryana	0.65	4.95	2.30	6.48		0.54	4.48	2.30	6.41		730	99.7
Karnataka	0.87	6.64	2.20	6.20		0.66	5.54	1.88	5.22		481	37.7
Madhya Pradesh	0.57	4.39	1.75	4.93		0.51	4.30	1.73	4.82		572	53.4
Punjab	0.42	3.21	1.60	4.51		0.45	3.73	1.97	5.48		750	100.0
Rajasthan	0.49	3.72	1.60	4.51		0.39	3.29	1.29	3.58		557	93.0
Tamil Nadu	0.19	1.42	0.79	2.22		0.15	1.27	0.41	1.14		456	25.1
Others	0.16	1.21	0.49	1.38		0.16	1.31	0.39	1.09		@	-
All India	13.08	100.00	35.48	100.00		11.96	100.00	35.90	100.00		510	33.8

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.22 (a): Jute and Mesta: All-India Area, Production and Yield

Year	Area	Production	Area - Million Hectares
			Production - Million Bales (180 kg. each)
			Yield - Kg./Hectare
(1)	(2)	(3)	(4)
1950-51	0.57	3.31	1043
1951-52	0.79	4.72	1074
1952-53	0.93	5.32	1028
1953-54	0.68	3.77	992
1954-55	0.68	3.86	1021
1955-56	0.94	5.39	1038
1956-57	1.07	5.81	977
1957-58	1.02	5.33	944
1958-59	1.10	6.91	1130
1959-60	0.98	5.69	1049
1960-61	0.90	5.26	1049
1961-62	1.34	8.24	1104
1962-63	1.24	7.19	1041
1963-64	1.27	7.98	1130
1964-65	1.21	7.66	1136
1965-66	1.11	5.78	936
1966-67	1.12	6.58	1058
1967-68	1.20	7.59	1137
1968-69	0.81	3.84	855
1969-70	1.09	6.79	1120
1970-71	1.08	6.19	1032
1971-72	1.11	6.84	1107
1972-73	0.99	6.09	1104
1973-74	1.16	7.68	1188
1974-75	0.98	5.83	1068
1975-76	0.91	5.91	1164
1976-77	1.09	7.10	1173
1977-78	1.16	7.15	1108
1978-79	1.27	8.33	1186
1979-80	1.22	7.96	1177
1980-81	1.30	8.16	1130
1981-82	1.15	8.37	1311
1982-83	1.02	7.17	1265
1983-84	1.05	7.72	1320

(Contd.)

Table 4.22(a) (Contd.)

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1984-85	1.13	7.79	1242
1985-86	1.50	12.65	1524
1986-87	1.07	8.62	1454
1987-88	0.96	6.78	1274
1988-89	0.92	7.86	1540
1989-90	0.91	8.29	1646
1990-91	1.02	9.23	1634
1991-92	1.11	10.29	1662
1992-93	0.93	8.59	1658
1993-94	0.89	8.43	1713
1994-95	0.93	9.08	1760
1995-96	0.93	8.81	1712
1996-97	1.10	11.13	1819
1997-98	1.11	11.02	1792
1998-99	1.03	9.81	1722
1999-00	1.04	10.55	1834
2000-01	1.02	10.56	1868
2001-02	1.05	11.68	2007
2002-03	1.04	11.28	1960
2003-04	1.00	11.17	2008
2004-05	0.92	10.27	2019
2005-06	0.90	10.84	2173
2006-07	0.94	11.27	2170
2007-08	0.96	11.21	2101
2008-09	0.90	10.37	2071
2009-10	0.91	11.82	2349
2010-11	0.87	10.62	2197
2011-12	0.90	11.40	2280
2012-13	0.86	10.93	2281
2013-14	0.84	11.68	2512
2014-15*	0.81	11.45	2551

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.22 (b): Jute & Mesta: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States

State	2014-15#					2013-14					Area - Million Hectares	
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	Production - Million Bales (180 kg. each)	Yield - Kg./ Hectare
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
West Bengal	0.58	71.29	8.92	77.91	2788	0.57	68.58	8.88	75.96	2785		
Bihar	0.11	13.74	1.50	13.10	2432	0.12	14.46	1.75	14.93	2596		
Assam	0.08	9.28	0.80	6.94	1908	0.07	8.84	0.75	6.38	1815		
Odisha	0.01	1.49	0.07	0.59	1005	0.01	1.67	0.08	0.70	1054		
Andhra Pradesh	0.01	0.87	0.05	0.45	1311	0.01	1.08	0.08	0.72	1680		
Maharashtra	0.00	0.00	0.00	0.00	#DIV/0!	0.02	2.63	0.04	0.30	286		
Meghalaya \$		0.00		0.00		0.01	1.19	0.09	0.76	1602		
Others	0.03	3.34	0.12	1.01	@	0.01	1.55	0.03	0.25	@		
All India	0.81	100.00	11.45	100.00	2551	0.84	100.00	11.69	100.00	2514		

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

\$ Area and Production figures for 2013-14 are included in Others category

* Provisional

Fourth Advance Estimates.

Table 4.23(a): Sugarcane: All-India Area, Production and Yield alongwith coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
Year	Area	Production	Yield	Yield - Kg./Hectare
				Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	1.71	57.05	33422	67.3
1951-52	1.94	61.63	31786	68.8
1952-53	1.73	51.00	29495	66.3
1953-54	1.41	44.41	31497	67.7
1954-55	1.62	58.74	36303	68.8
1955-56	1.85	60.54	32779	67.2
1956-57	2.05	69.05	33683	64.9
1957-58	2.07	71.16	34325	65.2
1958-59	1.95	73.36	37658	67.4
1959-60	2.14	77.82	36414	67.9
1960-61	2.42	110.00	45549	69.3
1961-62	2.46	103.97	42349	68.0
1962-63	2.24	91.91	40996	67.8
1963-64	2.25	104.23	46353	69.6
1964-65	2.60	121.91	46838	71.5
1965-66	2.84	123.99	43717	71.1
1966-67	2.30	92.83	40336	71.0
1967-68	2.05	95.50	40665	74.1
1968-69	2.53	124.68	49236	76.9
1969-70	2.75	135.02	49121	75.5
1970-71	2.62	126.37	48322	72.4
1971-72	2.39	113.57	47511	71.8
1972-73	2.45	124.87	50933	75.0
1973-74	2.75	140.81	51163	76.5
1974-75	2.89	144.29	49855	77.9
1975-76	2.76	140.60	50903	78.0
1976-77	2.87	153.01	53383	77.2
1977-78	3.15	176.97	56160	78.1
1978-79	3.09	151.66	49114	77.8
1979-80	2.61	128.83	49358	77.2
1980-81	2.67	154.25	57844	81.2
1981-82	3.19	186.36	58359	82.3
1982-83	3.36	189.51	56441	80.5

(Contd.)

Table 4.23(a) (*Contd.*)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1983-84	3.11	174.08	55978	80.3
1984-85	2.95	170.32	57673	83.6
1985-86	2.85	170.65	59889	84.5
1986-87	3.08	186.09	60444	85.4
1987-88	3.28	196.74	60006	85.6
1988-89	3.33	203.04	60992	86.2
1989-90	3.44	225.57	65612	86.9
1990-91	3.69	241.05	65395	86.9
1991-92	3.84	254.00	66069	88.0
1992-93	3.57	228.03	63843	88.3
1993-94	3.42	229.66	67120	88.8
1994-95	3.87	275.54	71254	87.9
1995-96	4.15	281.10	67787	87.4
1996-97	4.17	277.56	66496	88.1
1997-98	3.93	279.54	71133	91.3
1998-99	4.05	288.72	71203	91.7
1999-00	4.22	299.32	70934	92.0
2000-01	4.32	295.96	68578	92.1
2001-02	4.41	297.21	67370	91.6
2002-03	4.52	287.38	63576	91.3
2003-04	3.93	233.86	59380	90.7
2004-05	3.66	237.09	64752	91.2
2005-06	4.20	281.17	66919	92.5
2006-07	5.15	355.52	69022	93.2
2007-08	5.06	348.19	68877	93.5
2008-09	4.42	285.03	64553	93.7
2009-10	4.17	292.30	70020	93.5
2010-11	4.88	342.38	70091	92.5
2011-12	5.04	361.04	71668	94.3
2012-13	5.00	341.20	68254	95.0
2013-14	4.99	352.14	70522	-
2014-15*	5.14	359.33	69860	-

Source: Directorate of Economics & Statistics, DAC&FW

* 4th Advance Estimates.

Table 4.23 (b): Sugarcane: Area, Production and Yield during 2013-14 and 2014-15 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./ Hectare

State	2014-15#				2013-14				Area	
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Under Irrigation(%) 2012-13*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11) (12)
Utar Pradesh	2.23	43.32	138.48	38.54	62154	2.23	44.62	134.69	38.25	60452 95.1
Maharashtra	1.05	20.37	81.87	22.78	78120	0.94	18.77	76.90	21.84	82072 100.0
Karnataka	0.45	8.75	41.90	11.66	93100	0.42	8.41	37.91	10.76	90250 100.0
Tamil Nadu	0.26	5.11	24.46	6.81	93011	0.31	6.27	32.45	9.22	103687 100.0
Andhra Pradesh	0.18	3.44	13.15	3.66	74294	0.19	3.85	15.39	4.37	80130 95.1
Bihar	0.26	4.98	14.13	3.93	55199	0.26	5.17	12.88	3.66	49929 76.6
Gujarat	0.20	3.97	14.06	3.91	68922	0.17	3.48	12.55	3.56	72126 94.5
Haryana	0.10	1.96	7.65	2.13	75743	0.10	2.04	7.50	2.13	73520 99.7
Uttarakhand	0.10	1.98	6.14	1.71	60147	0.10	2.08	5.94	1.69	57106 98.2
Punjab	0.09	1.83	7.04	1.96	74883	0.09	1.78	6.68	1.90	75000 95.9
Madhya Pradesh	0.11	2.16	4.57	1.27	41144	0.07	1.46	3.17	0.90	43475 99.4
West Bengal	0.02	0.33	1.95	0.54	114706	0.02	0.34	1.95	0.55	114412 59.3
Assam	0.03	0.56	1.04	0.29	35897	0.03	0.58	1.08	0.31	37069 -
Odisha	0.01	0.19	0.72	0.20	72200	0.01	0.28	0.94	0.27	66857 100.0
Others	0.05	1.04	2.18	0.61	@	0.04	0.87	2.13	0.61	@ -
All India	5.14	100.00	359.33	100.00	69860	4.99	100.00	352.14	100.00	70523 95.0

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2014-15.

@ - Since area/ production is low in individual states, yield rate is not worked out.

* Provisional

Fourth Advance Estimates.

Table 4.24 (a): Tobacco: All-India Area, Production and Yield alongwith percentage coverage under Irrigation

Year	Area	Production	Yield	Area - Million Hectares
				Production - Million Tonnes
				Yield - Kg./Hectare
				Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1950-51	0.36	0.26	731	NA
1951-52	0.29	0.21	723	NA
1952-53	0.36	0.25	675	9.7
1953-54	0.37	0.27	737	9.7
1954-55	0.35	0.26	737	10.8
1955-56	0.41	0.30	739	16.9
1956-57	0.42	0.31	728	20.4
1957-58	0.36	0.24	669	22.5
1958-59	0.38	0.32	836	21.0
1959-60	0.41	0.29	716	22.4
1960-61	0.40	0.31	766	21.9
1961-62	0.42	0.34	811	17.9
1962-63	0.41	0.34	842	18.2
1963-64	0.44	0.36	817	15.4
1964-65	0.41	0.36	876	17.0
1965-66	0.38	0.29	778	16.9
1966-67	0.42	0.35	834	17.1
1967-68	0.42	0.37	871	17.4
1968-69	0.44	0.36	821	20.4
1969-70	0.44	0.34	770	19.5
1970-71	0.45	0.36	810	23.7
1971-72	0.46	0.42	914	24.5
1972-73	0.45	0.37	837	26.3
1973-74	0.46	0.46	1001	24.2
1974-75	0.38	0.36	954	21.0
1975-76	0.37	0.35	950	29.8
1976-77	0.43	0.42	969	30.2
1977-78	0.50	0.49	979	23.3
1978-79	0.41	0.45	1109	31.5
1979-80	0.43	0.44	1031	32.6
1980-81	0.45	0.48	1065	33.7
1981-82	0.44	0.52	1172	33.9

(Contd.)

Table 4.24(a) (Contd.)

Year	Area	Production	Yield	Area Under Irrigation(%)
(1)	(2)	(3)	(4)	(5)
1982-83	0.50	0.58	1157	29.6
1983-84	0.44	0.49	1120	34.0
1984-85	0.44	0.49	1113	37.7
1985-86	0.40	0.44	1111	39.9
1986-87	0.39	0.46	1187	40.7
1987-88	0.32	0.37	1155	45.9
1988-89	0.38	0.49	1307	42.4
1989-90	0.41	0.55	1335	43.2
1990-91	0.41	0.56	1353	43.2
1991-92	0.43	0.58	1369	39.0
1992-93	0.42	0.60	1425	40.4
1993-94	0.38	0.56	1463	43.7
1994-95	0.38	0.57	1486	45.3
1995-96	0.39	0.54	1356	46.5
1996-97	0.43	0.62	1444	43.8
1997-98	0.46	0.64	1394	39.8
1998-99	0.51	0.74	1451	43.1
1999-00	0.43	0.52	1211	46.0
2000-01	0.26	0.34	1318	52.8
2001-02	0.35	0.55	1565	43.6
2002-03	0.33	0.49	1506	46.2
2003-04	0.37	0.55	1486	49.9
2004-05	0.37	0.55	1498	42.3
2005-06	0.37	0.50	1351	40.9
2006-07	0.37	0.47	1274	40.6
2007-08	0.35	0.44	1255	52.6
2008-09	0.39	0.57	1456	46.0
2009-10	0.44	0.69	1559	44.6
2010-11	0.49	0.80	1632	47.1
2011-12	0.47	0.75	1613	50.9
2012-13	0.43	0.66	1542	54.2
2013-14	0.46	0.74	1612	54.2

Source: Directorate of Economics & Statistics, DAC&FW

NA- Not available

Table 4.24 (b): Tobacco: Area, Production and Yield during 2012-13 and 2013-14 in major Producing States alongwith coverage under Irrigation

State	2013-14					2012-13					Area - '000 Hectares Production - '000 Tonnes Yield - Kg./ Hectare	
	Area		Production		% to All - India	Yield		Area		% to All - India	Under Irrigation(%) 2012-13*	
	(2)	(3)	(4)	(5)		(6)	(7)	(8)	(9)		(10)	(11)
(1)												(12)
Andhra Pradesh	143.00	31.37	276.00	37.55		1930	134.00	31.45	268.00	40.79	2000	29.2
Gujarat	137.00	30.05	240.00	32.65		1752	124.00	29.10	212.00	32.27	1710	100.0
Karnataka	109.00	23.91	90.00	12.24		826	106.00	24.88	67.00	10.20	632	11.1
Uttar Pradesh	26.00	5.70	57.20	7.78		2200	23.79	5.58	51.05	7.77	2146	99.9
Bihar	12.11	2.66	23.01	3.13		1900	10.91	2.56	20.63	3.14	1891	97.4
Tamil Nadu	3.73	0.82	5.69	0.77		1525	4.18	0.98	6.39	0.97	1529	96.5
Maharashtra	2.00	0.44	2.00	0.27		1000	1.00	0.23	1.00	0.15	1000	16.6
Others	23.06	5.06	41.14	5.60		1784	22.18	5.21	30.93	4.71	1394	-
All India	455.90	100.00	735.04	100.00		1612	426.06	100.00	657.00	100.00	1542	54.2

Source: Directorate of Economics & Statistics, DAC&FW

Note: States have been arranged in descending order of percentage share of production during 2012-13.

* Provisional

Table 4.25: All-India Area, Production and Yield of Guarseed and Sannhemp

Year	Area	Production	Area - '000 Hectares
			Yield - Kg/Hectare
(1)	(2)	(3)	(4)
Guarseed*			
1997-98	2301.2	962.7	418
1998-99	1922.1	488.5	254
1999-00	2933.9	375.1	128
2000-01	3497.4	658.8	188
2001-02	2903.1	1089.9	375
2002-03	975.1	199.2	204
2003-04	2854.0	1513.4	530
2004-05	2867.4	903.3	315
2005-06	2955.5	1059.0	358
2006-07	3343.7	1169.3	350
2007-08	3472.6	1788.5	515
2008-09	3862.5	1935.8	501
2009--10	2995.2	594.7	199
2010-11	3382.2	1965.3	581
2011-12	3449.4	2222.1	644
2012-13	5151.7	2457.8	477
2013-14	5962.5	3587.9	602
Sannhemp#			
1997-98	54.6	64.5	213
1998-99	47.5	58.9	223
1999-00	49.8	62.1	224
2000-01	56.3	66.5	213
2001-02	50.6	64.7	230
2002-03	45.4	50.9	202
2003-04	37.0	53.3	260
2004-05	35.5	56.7	298
2005-06	33.4	57.4	310
2006-07	32.9	60.9	334
2007-08	32.1	58.0	326
2008-09	27.0	54.7	364
2009--10	24.6	73.7	540
2010-11	28.2	101.4	647
2011-12	21.2	77.6	660
2012-13	17.5	59.1	608
2013-14	16.2	56.6	630

Source: Directorate of Economics & Statistics, DAC&FW

* Production in '000 Tonnes

Production in '000 Bales of 180 Kgs each

Table 4.26: Production of Oilseeds & Oils and Net Availability of Edible Oils

Oilseeds / Oils	2003-04		2004-05		2005-06		2006-07		2007-08		2008-09	
	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
A. Primary Source												
Groundnut	81.27	18.69	67.74	15.58	79.93	18.38	48.64	11.19	91.82	21.12	71.68	16.48
Rapeseed & Mustard	62.91	19.50	75.93	23.54	81.31	25.21	74.38	23.05	58.34	18.08	72.01	22.32
Soyabean	78.18	12.51	68.77	11.00	82.74	13.24	88.51	14.16	109.68	17.55	99.05	15.85
Sunflower	9.30	3.07	11.87	3.92	14.39	4.75	12.28	4.05	14.63	4.83	11.58	3.82
Sesamum	7.82	2.42	6.74	2.09	6.41	1.99	6.18	1.92	7.57	2.35	6.40	1.98
Nigerseed	1.09	0.33	1.12	0.34	1.08	0.32	1.21	0.36	1.1	0.33	1.17	0.35
Safflower	1.35	0.40	1.74	0.52	2.29	0.69	2.40	0.72	2.25	0.68	1.89	0.57
Castor	7.97	3.19	7.93	3.17	9.91	3.96	7.62	3.05	10.53	4.21	11.71	4.68
Linseed	1.97	0.59	1.70	0.51	1.73	0.52	1.68	0.50	1.63	0.49	1.69	0.51
Sub Total	251.86	60.70	243.54	60.67	279.79	69.06	242.89	59.00	297.55	69.64	277.18	66.56
B. Secondary Source												
Coconut		5.50		5.50		4.20		4.50		4.50		4.50
Cottonseed		4.30		4.30		5.70		6.30		8.00		7.60
Ricebran		6.00		6.20		6.80		7.00		7.20		7.70
Solvent Extracted Oils		3.30		3.50		4.30		3.50		4.00		4.00
Tree & Forest Origin		0.80		0.80		1.30		1.20		1.20		1.20
Sub Total		19.90		20.30		22.30		22.50		24.90		25.20
Total(A+B)		80.60		80.97		91.36		81.50		94.54		91.56
C. Less: Exports & Industrial Use		9.20		8.50		8.20		7.80		8.00		7.00
D. Net Domestic Availability of Edible Oils		71.40		72.47		83.16		73.70		86.54		84.56
E.Import of Edible Oils \$		52.90		45.42		42.88		47.15		56.08		81.83
F.Total Availability/ Consumption of Edible Oils		124.30		117.89		126.04		120.85		142.62		166.39

(Contd.)

Table 4.26 (Contd.)

	2009-10				2010-11				2011-12				2012-13				2013-14*				2014-15**			
	Oilseeds		Oils		Oilseeds		Oils		Oilseeds		Oils		Oilseeds		Oils		Oilseeds		Oils		Oilseeds		Oils	
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)
A. Primary Source																								
Groundnut	54.29	12.49	82.65	19.01	69.64	16.02	46.95	10.80	97.14	22.34	65.57	15.08												
Rapeseed & Mustard	66.08	20.48	81.79	25.35	66.04	20.47	80.29	24.89	78.77	24.42	63.09	19.56												
Soyabean	99.65	15.94	127.36	20.38	122.14	19.54	146.66	23.47	118.6	18.97	105.28	16.84												
Sunflower	8.51	2.81	6.51	2.15	5.16	1.70	5.44	1.80	5.04	1.66	4.15	1.37												
Sesamum	5.88	1.82	8.93	2.77	8.10	2.51	6.85	2.12	7.15	2.21	8.11	2.51												
Nigerseed	1.00	0.30	1.08	0.32	0.98	0.29	1.02	0.31	0.98	0.29	0.73	0.22												
Safflower	1.79	0.54	1.50	0.45	1.45	0.44	1.09	0.33	1.13	0.44	0.96	0.29												
Castor	10.09	4.04	13.50	5.40	22.95	9.18	19.64	7.86	17.27	6.91	17.33	6.93												
Linseed	1.54	0.46	1.47	0.44	1.52	0.46	1.49	0.45	1.41	0.41	1.53	0.46												
Sub Total	248.83	58.88	324.79	76.27	297.98	70.61	309.43	72.03	327.49	77.52	266.75	63.26												
B. Secondary Source																								
Coconut		4.50		4.00	-	4.00	-	3.90	-	4.30	-	3.8												
Cottonseed		8.00		10.89	-	11.62	-	11.57	-	12.40	-	12.15												
Ricebran		7.20		7.20	-	7.50	-	7.8	-	8.10	-	9.2												
Solvent Extracted Oils		4.20		4.20	-	4.10	-	4.10	-	4.10	-	4.00												
Tree & Forest Origin		1.20		1.20	-	1.20	-	1.20	-	1.20	-	1.6												
Sub Total		25.10		27.49	-	28.42	-	28.57	-	30.10	-	30.75												
Total(A+B)		83.98		103.760	-	99.03	-	100.60	-	107.62	-	94.01												
C. Less: Exports & Industrial Use		4.52		5.94	-	9.46	-	8.41	-	7.10	-	5.94												
D. Net Domestic Availability of Edible Oils		79.46		97.82	-	89.57	-	92.19	-	101.90	-	89.78												
E. Import of Edible Oils \$		88.23		72.42	-	99.43	-	106.05	-	109.76	-	83.24 (upto Jun'15)												
F. Total Availability/ Consumption of Edible Oils		167.69		170.24	-	189.00	-	198.24	-	211.66	-	-												

Source: Directorate of Vanaspathi, Vegetable Oils and Fats

* Based on final Estimate (released by Ministry of Agriculture and Farmers Welfare on 17.08.2015)

** Based on 4th Advance Estimates (released by Ministry of Agriculture and Farmers Welfare on 17.08.2015)

\$ Directorate General of Commercial Intelligence & Statistics (Department of Commerce)

Table 4.27: State wise Quantity of Crude Palm Oil (CPO) under Oil Palm Development Programme (OPDP)

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15(P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	43500	35509	38000	43593	57402	63487	97987	127570	161566	177176
Karnataka	793	974	1037	1170	1118	1459	1740	1770	1736	2176
Tamil Nadu	178	249	273	366	365	486	759	1035	820	1019
Gujarat	NR	Nil	NA	0	0	0	0	0	0	NA
Odisha	0	0	NA	476	589	871	2162	443	558	557
Goa	379	345	342	393	279	329	394	372	371	390
Tripura	NA	NA	NA	NA	NA	NA	NA	0	0	NA
Assam	0	0	0	0	0	0	0	0	0	0
Kerala	6478	6888	5750	7400	6600	6900	7500	7378	6303	6515
Andaman & Nicobar	0	0	NA	NA	NA	NA	NA	0	0	NA
Mizoram	0	0	0	0	0	0	0	0	0	696
Telangana	0	0	0	4770	5100	5655	8494	6825	9373	10008
Total	51328	43965	45403	58167	71453	79187	110541	138567	180727	198539

Source: Department of Agriculture, Cooperation & Farmers Welfare

P Provisional

NA- Not available

NR- Not reported

Table 4.28(a): State-wise Production of Oil Palm Fresh Fruit Bunches

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15 (P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	203000	215000	226200	259495	347892	385009	573024	790881	933981	1024140
Karnataka	4528	5415	5763.65	6685	6387	8337	9942	10112	9917	12638
Tamil Nadu	1202	1584.02	1659	1987	2080	2920	4743	5244	5495	6660
Gujarat	20	10.25	12	2	6	26	91	134	158	409
Odisha	0	0	0	2799	3464	5128	12720	2920	3639	3769
Goa	2143	1951	1936	2236	1591	1878	2229	2056	2046	2207
Tripura	NA	447.12	NA	0	NA	NA	NA	0	0	NA
Assam	0	0	NR	NR	NR	NR	NR	0	0	NA
Kerala	33795	34496	29300	38400	35100	41000	43200	41350	38350	40792
Andaman & Nicobar	0	NA	NA	NA	NA	NA	NA	0	0	NA
Mizoram	0	0	0	2	32	88	480	1339	1544	2096
Telangana	0	0	0	28190	29937	32176	46779	38624	52752	57893
Total	244688	258903	264871	339797	426488	476561	693207	892660	1047881	1150604

Source: Department of Agriculture, Cooperation & Farmers Welfare

P Provisional

NA- Not available

NR- Not reported

Table 4.28(b): Target and Achievement of Area Expansion under Oil Palm Development Programme (OPDP) of ISOPOM

State	2010-11		2011-12		2012-13		2013-14		2014-15(P)	
	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	15000	6755	40000	12083	27000	12846	18081	10468	14000	9259
Karnataka	3600	2936	7000	4314	5186	2513	6173	2858	3100	1911
Tamil Nadu	3000	2200	7000	2134	5866	1200	6166	1177	1600	694
Gujarat	1000	286	1000	904	1130	377	1253	454	450	313
Odisha	3000	3000	3700	4300	5000	3150	4000	2000	1246	1452
Goa	20	2	20	6	0	0	0	7	20	7
Tripura	0	0	0	0	0	0	0	0	0	0
Assam	0	0	0	0	0	0	0	0	1000	0
Kerala	400	89	250	60	250	36	50	54	500	24
Maharashtra	250	80	200	200	250	194	306	0	0	0
Mizoram	2500	1877	1000	1970	5000	3711	5000	4532	4000	2789
Chhatisgarh	0	0	100	0	250	200	318	212	250	250
Telangana	NA	700	NA	2417	NA	2073	NA	1421	2000	972
Total	28770	17925	60270	28388	49932	26300	41347	23183.24	28166	17671

Source: Department of Agriculture, Cooperation & Farmers Welfare

P - Provisional

NA - Not Available

Table 4.28(c): Area Covered Under Oil Palm Development Programme

State	Area Covered under oil palm				Area Uprooted	Net Area (upto March, 2015)
	Prior to OPDP	Under OPDP	Under OPDP	Total Cultivated Area		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	1232	144014	145246	5457	139789	
Karnataka	1114	39166	40280	6842	33438	
Tamil Nadu	0	29183	29183	5384	23799	
Gujarat	0	4728	4728	219	4509	
Odisha	0	17677	17677	0	17677	
Goa*	0	938	938	42	896	
Tripura*	0	530	530	0	530	
Assam	0	10	10	0	10	
West Bengal	0	0	0	0	0	
Kerala	3646	2118	5764	0	5764	
Maharashtra*	1000	474	1474	0	1474	
Andaman & Nicobar*	1593	0	1593	0	1593	
Mizoram	0	22760	22760	0	22760	
Chhatisgarh	0	662	662	0	662	
Telangana	0	15768	15768	0	15768	
Total	8585	278028	286613	17944	268669	
Year-wise average area lost (presumed)	0	17944	17944	0	0	
Existing Net Area	8585	260084	268669	17944	268669	

Source: Department of Agriculture, Cooperation & Farmers Welfare

* NMOOP is not being implemented.

4(B) Yield Rates of Principal Crops

Table 4.1.1 : All-India Estimates of Yield of Major Crops

Crops	Season	Yield (Kg/hectare)											
		(1)	(2)	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
Rice	Autumn			1349	2804	2892	3107	2186	1776	1938	NA	2158	NA
	Winter			1795	2000	1892	1968	1939	2338	2257	NA	NA	NA
	Kharif			2199	1963	2138	2054	2053	2050	2399	NA	2434	NA
	Total Kharif			1990	2024	2095	2082	2019	2121	2311	2373	2319	2292
Wheat	Rabi/Summer			3127	3130	3149	3010	3055	3173	3238	3353	3232	3315
	Total			2102	2131	2202	2178	2125	2239	2393	2461	2416	2390
	Rabi			2619	2708	2802	2907	2839	2989	3177	3117	3145	2872
	Kharif			1082	992	1176	1055	853	1119	1257	1171	1050	1026
Jowar	Rabi			726	727	894	904	865	827	741	644	896	910
	Total			880	844	1021	962	860	949	957	850	957	953
	Kharif			802	886	1042	1015	731	1079	1171	1198	1184	1272
	Kharif			1799	1660	2122	2048	1740	2285	2234	2246	2346	2187
Maize	Rabi/Summer			3076	3793	3854	4387	3694	4003	3765	4152	4050	4125
	Total			1938	1912	2335	2414	2024	2540	2478	2566	2676	2557
	Kharif			1534	1226	1552	1477	1489	1705	1641	1392	1661	1662
	Small Millers			443	475	530	491	460	553	565	578	630	641
Barley	Rabi			1938	2055	1985	2394	2172	2357	2516	2521	2718	2325
	Kharif			1178	1144	1410	1371	1119	1500	1563	1583	1619	1625
	Coarse Cereals			1152	1316	1510	1735	1525	1641	1689	1725	2034	2059
	Total			1172	1182	1431	1459	1212	1531	1590	1617	1717	1729
<i>(Contd.)</i>													

(Contd.)

Table 4.1.1 (Contd.)

Crops	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Cereals	Kharif	1693	1706	1846	1841	1693	1893	2056	2116	2089	NA
	Rabi	2427	2526	2645	2721	2649	2800	2969	2931	2995	NA
	Total	1968	2020	2151	2183	2075	2256	2415	2449	2462	NA
Tur (Arhar)	Kharif	765	650	826	671	711	655	662	776	813	750
Pulses Other Than Tur	Kharif	300	349	429	376	244	536	474	477	439	470
Gram	Rabi	808	845	762	895	915	895	928	1036	960	875
Pulses Other Than Gram	Rabi	610	611	567	642	658	592	669	752	753	854
Pulses	Kharif	456	449	557	478	397	578	541	594	580	576
	Rabi	727	751	688	804	823	790	831	934	891	867
	Total	598	612	625	659	630	691	699	789	764	744
Foodgrains	Kharif	1511	1522	1645	1654	1496	1669	1821	1892	1864	1864
	Rabi	2020	2091	2174	2263	2202	2278	2430	2431	2435	2327
	Total	1715	1756	1860	1909	1798	1930	2078	2129	2120	2070

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

NA: Not available.

Table 4.1.2 : Kharif Foodgrains: State-wise yield

State/UT	Yield (Kg/hectare)										
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh		2167	2073	2630	2466	1978	2143	2449	2569	2299	2387
Arunachal Pradesh		1201	1204	1234	1249	1568	1674	1780	1803	1818	#
Assam		1409	1210	1283	1514	1647	1783	1673	1875	1885	1963
Bihar		1096	1469	1197	1574	1145	1118	2152	2263	1758	1961
Chhattisgarh		1212	1236	1335	1100	1048	1539	1481	1633	1664	1496
Goa		2793	2440	2254	2454	2131	2452	2564	2583	2814	#N/A!
Gujarat		1238	1037	1380	1311	1204	1374	1403	1631	1547	1581
Haryana		2214	2466	2629	2283	2428	2323	2609	2801	2837	2715
Himachal Pradesh		1652	2044	2448	2008	1650	2037	2160	2002	2017	2256
Jammu & Kashmir		1656	1691	1710	1935	1611	1713	1706	2161	1877	1485
Jharkhand		1077	1595	1772	1785	1344	1250	1881	1941	1969	1937
Karnataka		1934	1470	1670	1682	1526	1940	1882	1732	1814	1899
Kerala		2214	2329	2227	2348	2456	2329	2588	2474	2497	2584
Madhya Pradesh		963	792	903	931	902	957	1115	1279	1264	1394
Maharashtra		1077	1093	1272	1084	1085	1329	1374	1281	1412	1185
Manipur		2241	2241	2348	2285	1832	2371	2541	2264	2131	#
Meghalaya		1405	1632	1556	1599	1623	1616	1688	1745	2193	#
Mizoram		1745	767	263	887	1014	1223	1351	1779	1503	#

(Contd.)

Table 4.1.2 (Contd.)

State/UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Nagaland	1614	1503	1589	1846	1264	1965	1974	2029	2083	#
Odisha	1346	1352	1486	1342	1385	1410	1258	1575	1582	1730
Punjab	3765	3792	3952	3961	3960	3804	3735	3970	3939	3822
Rajasthan	505	637	820	804	376	864	844	890	789	1002
Sikkim	1403	1403	1451	1397	1588	1523	1516	1547	1585	#
Tamil Nadu	2025	2805	2347	2344	2671	2598	3440	2336	2765	2824
Tripura	2169	2433	2549	2684	2639	2545	2542	2664	2637	#
Uttar Pradesh	1697	1628	1784	1904	1761	1827	2057	2142	2130	1862
Uttarakhand	1551	1606	1633	1580	1577	1535	1670	1693	1725	1800
West Bengal	2350	2356	2302	2415	2371	2457	2520	2551	2559	2495
A & N Islands	2879	2870	3013	2802	2947	2843	2878	2713	2029	#
D & N Haveli	1545	1545	1545	1529	1018	1637	1544	1664	1607	#
Delhi	2054	2492	2372	2403	2210	2365	2279	2308	3435	#
Daman & Diu	2056	2056	1739	2054	1652	1609	1650	1669	1754	#
Puducherry	2372	2372	2488	2308	2459	2558	2488	2794	3535	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	2321
All India	1511	1522	1645	1654	1496	1669	1821	1892	1864	1864

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA- Not available

Table 4.1.3 : Rabi Foodgrains: State-wise yield

State/UT (1)	2005-06 (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15* (11)
	Yield (Kg/hectare)									
Andhra Pradesh	2669	2452	2590	3123	2677	3052	2622	2805	3108	3031
Arunachal Pradesh	1390	1402	1348	1340	1491	1653	1744	1496	1504	#
Assam	1446	1594	1774	1704	1726	1684	1829	2293	2029	2167
Bihar	1563	1876	1966	1991	1943	1826	2035	2480	2310	1933
Chhattisgarh	572	661	708	702	770	786	797	857	729	1040
Goa	1067	1383	1892	1042	1093	1063	839	2073	2462	#
Gujarat	2298	2123	2660	2117	2308	2581	2542	2510	2755	2439
Haryana	3651	4066	3983	4209	4079	4448	4782	4263	4514	4455
Himachal Pradesh	1813	1373	1377	1498	929	1532	1654	1696	1907	1787
Jammu & Kashmir	1740	1829	1713	1671	980	1490	1656	1550	1990	1164
Jharkhand	1016	1173	1162	1246	1258	1296	1389	1540	1543	1447
Karnataka	1464	980	1301	1231	1139	1236	1154	1111	1270	1319
Kerala	2268	2338	2197	2754	2517	2625	3052	2772	2634	3541
Madhya Pradesh	1234	1398	1174	1306	1475	1271	1711	1874	1765	1906
Maharashtra	778	827	992	915	988	1019	853	719	991	881
Manipur		3273		510	510	996	1224	1822	1645	#
Meghalaya	1886	1587	3463	3138	3163	3163	3228	3826	3872	#
Mizoram	1939	1174	1286	1263	2038	1902	1992	1435	1551	#
Nagaland	1622	1414	1188	1304	1077	1528	1528	1978	1475	#

(Contd.)

Table 4.1.3 (Contd.)

State/UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Odisha	1372	4197	1467	1520	1496	1588	1661	1713	1935	1759
Punjab	4165	2224	4495	4452	4298	4683	4888	4661	4972	4416
Rajasthan	1998	1142	2013	2370	2456	2115	2390	2458	2221	2375
Sikkim	1142	1923	940	1119	1024	942	1042	1027	1043	#
Tamil Nadu	1203	2304	1437	1817	1827	1759	2317	1499	2032	2024
Tripura	2272	2392	2599	2183	2344	2713	2872	2869	2827	#
Uttar Pradesh	2327	1946	2534	2714	2561	2809	2827	2840	2747	2303
Uttarakhand	1544	2858	1969	1880	2022	2217	2291	2302	2323	1853
West Bengal	2593	500	2994	2665	2855	2881	2953	3126	3098	3121
A & N Islands	500	975	571	571	606	442	575	508	807	#
D & N Haveli	975	4333	975	974	953	1046	1068	1139	1130	#
Delhi	4290	846	4347	4343	4362	4325	4344	4412	4408	#
Daman & Diu	846	1785	846	846	846	846	NA	NA	NA	#
Puducherry	1785	2091	1455	1973	1935	1920	1545	2309	2710	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	4078
All India	2020	2091	2174	2263	2202	2278	2430	2431	2435	2327

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA- Not available

Table 4.1.4 : Total Foodgrains: State-wise yield

State/UT	Yield (Kg/hectare)										
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh		2365	2231	2613	2744	2294	2530	2519	2670	2661	2653
Arunachal Pradesh		1212	1216	1241	1255	1555	1673	1778	1786	1794	#
Assam		1416	1286	1378	1551	1662	1763	1704	1962	1916	2012
Bihar		1311	1656	1546	1766	1530	1479	2098	2366	2018	1948
Chhattisgarh		1111	1148	1238	1041	1008	1424	1384	1506	1524	1433
Goa		2509	2254	2091	2231	1990	2264	2272	2361	2659	#
Gujarat		1551	1423	1831	1595	1560	1843	1874	1970	2097	1955
Haryana		3045	3393	3420	3388	3383	3526	3879	3689	3855	3772
Himachal Pradesh		1731	1714	1918	1757	1297	1787	1911	1850	1962	2011
Jammu & Kashmir		1680	1733	1711	1851	1405	1639	1690	1962	1915	1379
Jharkhand		1073	1550	1709	1720	1330	1257	1798	1876	1891	1855
Karnataka		1776	1289	1548	1511	1377	1684	1629	1488	1620	1684
Kerala		2219	2331	2221	2440	2470	2399	2695	2547	2530	2805
Madhya Pradesh		1130	1167	1069	1168	1285	1162	1510	1676	1603	1719
Maharashtra		948	940	1150	1001	1039	1184	1155	1038	1207	1043
Manipur		2241	2241	2297	2236	1796	2244	2397	1926	1745	#
Meghalaya		1455	1800	1774	1783	1809	1803	1873	1997	2387	#
Mizoram		1754	822	285	898	1047	1246	1382	1756	1506	#
Nagaland		1615	1482	1567	1811	1256	1958	1967	2027	2018	#

(Contd.)

Table 4.1.4 (Contd.)

State/UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Odisha	1349	1369	1484	1363	1262	1432	1303	1592	1625	1733
Punjab	3986	1359	4255	4231	4144	4280	4364	4347	4500	4144
Rajasthan	919	4017	1180	1263	931	1249	1348	1480	1334	1535
Sikkim	1354	991	1378	1351	1496	1448	1495	1608	1577	#
Tamil Nadu	1847	1354	2125	2225	2477	2393	3162	2131	2554	2529
Tripura	2194	2610	2563	2526	2544	2587	2620	2711	2680	#
Uttar Pradesh	2057	2399	2206	2365	2236	2386	2498	2542	2484	2117
Uttarakhand	1548	2057	1785	1715	1780	1841	1945	1962	1995	1824
West Bengal	2423	1760	2525	2493	2522	2601	2645	2717	2721	2691
A & N Islands	2713	2511	2485	2343	2399	2282	2512	2413	1930	#
D & N Haveli	1445	2746	1445	1434	1006	1533	1453	1585	1534	#
Delhi	3175	1445	3340	3348	3649	3647	3567	3531	4057	#
Daman & Diu	1548	3405	1417	1740	1361	1333	1650	1669	1754	#
Puducherry	2180	1548	2130	2201	2297	2351	2269	2650	3043	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	2778
All India	1715	1756	1860	1909	1798	1930	2078	2129	2120	2070

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Included in others.

Averaged out in Others

NA- Not available

Table 4.1.5 : Rice: State wise Yield

Stats/UT (1)	Season (2)	2005-06 (3)	2006-07 (4)	2007-08 (5)	2008-09 (6)	2009-10 (7)	2010-11 (8)	2011-12 (9)	2012-13 (10)	2013-14 (11)	2014-15* (12)
Andhra Pradesh	Kharif	2525	2631	3177	2990	2742	2570	2980	2882	2552	2744
	Rabi	3659	3682	3651	3700	3543	3777	3543	3806	3496	3632
	Total	2939	2984	3344	3246	3062	3035	3148	3173	2921	3036
Arunachal Pradesh	Kharif	1195	1195	1275	1293	1777	1925	2065	2086	2092	#
	Autumn	999	887	983	1069	966	1137	1217	1296	1753	NA
	Winter	1520	1302	1359	1616	1796	1910	1757	1968	1921	NA
	Kharif Total	1421	1218	1293	1525	1662	1799	1688	1892	1903	1975
	Summer	1779	2019	2266	2133	2185	2082	2297	2965	2572	2899
	Total	1468	1332	1428	1614	1737	1843	1780	2061	2012	2135
Bihar	Autumn	940	962	635	1331	947	896	1399	1521	1142	NA
	Winter	1090	1584	1332	1647	1132	1100	2322	2420	1865	NA
	Kharif Total	1064	1486	1226	1596	1101	1063	2160	2268	1741	1941
	Summer	1369	1499	1561	1689	1737	2085	1912	2719	2342	2320
	Total	1075	1486	1237	1599	1120	1095	2155	2282	1759	1951
Chattisgarh	Kharif	1337	1354	1446	1176	1120	1663	1597	1746	1766	1581
	Autumn	2866	2406	2277	2335	1900	2358	2521	2599	2828	#
	Winter	2731	2566	2430	2752	2600	2677	2688	2853	3202	#
Goa	Total Kharif	2822	2458	2330	2466	2136	2467	2577	2679	2954	#
	Kharif	1949	1799	1895	1698	1866	1956	2024	2095	2038	2045
	Summer	-	-	2970	3080	3048	908	3190	4586	3000	3100

(Contd.)

Table 4.1.5 (Contd.)

Stats/UT	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Haryana	Total	1949	1894	1942	1744	1903	1852	2141	2198	2076	2085
	Kharif	3051	3238	3361	2726	3008	2789	3044	3272	3256	3113
	Himachal Pradesh	1412	1559	1546	1523	1381	1673	1705	1629	1625	1751
	Jammu & Kashmir	2150	2194	2133	2186	1914	1942	2078	3126	2250	1710
Jharkhand	Autumn	628	-	-	-	-	-	2131	#	2238	2210
	Winter	1223	-	-	-	-	-	NA		NA	NA
	KharifTotal	1150	1832	2024	2036	1547	1541	2131	2238	2238	2210
	Rabi	-	-	1000	1504	1504	-	NA		NA	NA
Karnataka	Total	1150	1828	2018	2031	1546	1541	2131	2238	2238	2210
	Kharif	3657	2402	2545	2412	2345	2705	2717	2545	2545	2702
	Rabi	3200	2227	2100	2146	2237	2189	2186	1588	1588	NA
	Summer	4574	2761	2948	2883	2945	2838	3227	3381	3433	NA
Kerala	Total	3868	2470	2625	2511	2482	2719	2793	2632	2666	2827
	Autumn	2162	2264	2169	2428	2486	2415	2519	2548	2625	2590
	Winter	2299	2408	2371	2370	2533	2348	2675	2451	2426	NA
	KharifTotal	2246	2352	2286	2395	2514	2377	2609	2492	2511	2590
Madhya Pradesh	Summer	2726	2622	2407	2980	2719	2689	3155	2847	2682	3590
	Total	2284	2390	2310	2519	2557	2452	2733	2577	2551	2818
	Kharif	999	824	938	927	872	1106	1340	1474	1474	1684
	Maharashtra	1770	1669	1898	1489	1474	1766	1837	1965	1924	1874

(Contd.)

Table 4.1.5 (Contd.)

Stats/UT	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Manipur	Rabi	2098	2105	2128	2273	2250	2219	2074	1897	2289	2457
	Total	1779	1680	1903	1501	1485	1776	1841	1963	1934	1891
	Kharif	2322	2322	2446	2357	1889	2453	2642	2546	2201	#
	Kharif	1432	1695	1602	1651	1673	1671	1752	1807	2241	#
	Rabi	2214	4000	4147	3641	3679	3705	3762	4510	4326	#
Mizoram	Total	1508	1916	1880	1886	1910	1912	1988	2125	2493	#
	Kharif	1770	510	285	882	938	1160	1392	2091	1521	#
	Rabi	2600	1682	1000	2000	1500	NA	3000	1933	1600	#
Nagaland	Total	1778	559	288	885	939	1160	1411	2088	1522	#
	Kharif	1682	1600	1685	1994	1426	2102	2106	2204	2260	#
Odisha	Autumn	872	1011	1097	1040	900	831	778	948	762	NA
	Winter	1623	1580	1750	1541	1635	1658	1433	1849	1857	NA
	Kharif Total	1482	1476	1633	1455	1512	1516	1340	1715	1697	1886
	Summer	2163	2293	2447	2451	2713	2959	3213	3165	3422	3302
	Total	1531	1534	1694	1529	1585	1616	1450	1814	1821	1989
Punjab	Kharif	3858	3868	4019	4022	4010	3828	3741	3998	3952	3838
Rajasthan	Kharif	1425	1577	2031	1807	1515	2025	1886	1771	2147	2186
Sikkim	Kharif	1433	1433	1636	1476	1869	1727	1730	1790	1815	#
Tamil Nadu	Autumn	3655	4914	4044	3850	4406	4362	5623	3893	4448	NA
	Winter	2338	3144	2587	2464	2820	2792	3599	2492	2848	NA
	Kharif Total	2483	3339	2748	2617	2994	2965	3821	2646	3024	NA

(Contd.)

Table 4.1.5 (Contd.)

Stats/UT	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Tripura	Summer	3216	4325	3559	3389	3878	3838	4950	3426	3916	4030
	Total	2546	3423	2817	2683	3070	3040	3918	2772	3100	3191
	Autumn	1705	1915	2172	2465	2189	2424	2432	2548	2596	#
	Winter	2384	2678	2687	2788	2772	2638	2647	2773	2773	#
	Kharif Total	2225	2500	2609	2747	2698	2602	2611	2736	2743	#
Uttar Pradesh	Summer	2372	2392	2698	2234	2409	2817	2992	3020	2995	#
	Total	2260	2472	2633	2586	2606	2655	2700	2800	2800	#
	Kharif	1996	1878	2062	2171	2083	2120	2357	2459	2446	2080
	Rabi/Summer	2179	2278	2526	2091	2270	2316	2458	2583	2593	2593
	Total	1996	1879	2063	2171	2084	2120	2358	2460	2447	2082
Uttarakhand	Kharif	1925	1952	1993	1907	2025	1820	2056	2152	2233	2258
	Zaid/Rabi	2889	2875	3308	3067	2813	3309	3357	3208	3327	3286
	Total	1954	1979	2052	1966	2068	1901	2121	2206	2289	2313
West Bengal	Autumn	2102	2026	2009	2069	2181	2138	2213	2297	2612	NA
	Winter	2397	2411	2350	2465	2408	2507	2565	2596	NA	NA
	Kharif Total	2378	2386	2327	2439	2396	2485	2547	2581	2612	NA
A & N Islands	Summer	2928	3226	3259	2800	2991	3039	3174	3372	3366	3377
	Total	2509	2593	2573	2533	2547	2639	2688	2760	2788	2731
	Kharif	2896	2896	3000	2797	3059	2851	2960	2739	2029	#
D & N Haveli	Kharif	1743	1743	1743	1721	1076	1930	1739	1928	1876	#
	Kharif	3200	4203	4243	4243	2834	2787	2885	2935	4906	#
	Kharif	2056	2056	1750	2111	1650	1650	1650	1712	1805	#

(Contd.)

Table 4.1.5 (Contd.)

Stats/UT	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Puducherry	Autumn	2810	2810	2932	2733	2903	2875	3017	3270	3554	#
	Winter	2195	2195	2465	2142	2272	2435	2273	2602	2867	#
	Kharif>Total	2387	2387	2595	2310	2458	2561	2490	2792	3056	#
	Summer	2719	2719	2696	2860	2647	2712	2886	3075	3438	#
	Total	2465	2465	2618	2442	2504	2596	2538	2857	3147	#
Others	Kharif	-	-	-	-	-	-	-	-	NA	2559
	Rabi	-	-	-	-	-	-	-	-	NA	2272
	Total	-	-	-	-	-	-	-	-	NA	2488
All India	Autumn	1349	2804	2892	3107	2186	1776	1938	1674	1891	NA
	Winter	1795	2000	1892	1968	1939	2338	2257	2283	2219	NA
	Kharif	2199	1963	2138	2054	2053	2051	2399	2477	2434	NA
	Kharif>Total	1990	2024	2095	2082	2019	2121	2311	2373	2319	2292
	Summer/rabi	3127	3130	3149	3010	3055	3176	3238	3353	3232	3315
	Total	2102	2131	2202	2178	2125	2239	2393	2461	2416	2390

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.6 : Wheat: State wise Yield

State/ UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	818	900	889	1143	1000	1300	1375	1250	500	1000
Arunachal Pradesh	1525	1575	1472	1576	1505	1595	1757	1498	1510	#
Assam	1074	1117	1268	1090	1087	1179	1147	1304	1292	1257
Bihar	1617	1908	2058	2043	2084	1948	2206	2427	2358	1851
Chhattisgarh	886	1002	1059	1040	1086	1144	1227	1396	1304	1388
Gujarat	2700	2498	3013	2377	2679	3155	3014	2875	3255	2810
Haryana	3844	4232	4158	4390	4213	4624	5030	4452	4722	4574
Himachal Pradesh	1894	1385	1376	1520	928	1530	1671	1671	1873	1800
Jammu & Kashmir	1790	1893	1782	1735	1003	1535	1689	1595	2061	1200
Jharkhand	1340	1529	1621	1541	1738	1642	1908	1944	2123	1931
Karnataka	858	762	946	918	887	1094	858	796	1005	1091
Madhya Pradesh	1613	1835	1612	1723	1967	1757	2360	2478	2405	2551
Maharashtra	1393	1325	1659	1483	1610	1761	1558	1528	1460	1381
Meghalaya	1714	2000	1833	1750	1773	1791	1564	1806	1881	#
Nagaland	1583	867	1067	1500	1200	1712	1711	1801	1823	#
Odisha	1364	1487	1554	1396	1450	1458	1644	1894	1574	1772
Punjab	4179	4210	4507	4462	4307	4693	4898	4724	5017	4492
Rajasthan	2762	2751	2749	3175	3133	2910	3175	3028	3083	2974
Sikkim	1385	1385	1000	1345	1135	1023	1060	1058	1083	#

(Contd.)

Table 4.1.6 (Contd.)

State/ UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Tripura	2636	1800	1900	2000	1984	2025	2000	2000	2000	#
Uttar Pradesh	2627	2721	2817	3002	2846	3113	3113	3113	3038	2561
Uttarakhand	1633	2049	2050	2003	2139	2316	2379	2396	2422	1902
West Bengal	2109	2282	2602	2490	2680	2760	2765	2786	2791	2836
D & N Haveli	1833	1833	1833	1833	1500	2231	1929	2000	2000	#
Delhi	4339	4341	4354	4351	4352	4340	4349	4406	4418	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	3902
All India	2619	2708	2802	2907	2839	2989	3177	3117	3145	2872

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.7 : Bajra: State wise Yield

State/ UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	1012	770	1243	1017	1178	1507	1349	1657	1597	1205
Bihar	1070	1073	1111	1200	1108	1102	1113	1142	1136	1150
Gujarat	1169	1088	1419	1365	1232	1250	1419	1743	1743	1604
Haryana	1147	1649	1843	1769	1593	1793	2040	1910	2057	1749
Himachal Pradesh	333	500	500	500	1083	500	542	555	545	557
Jammu & Kashmir	600	591	595	592	629	598	591	598	595	310
Jharkhand	500	500	0	1000	574	704	520	474	515	500
Karnataka	977	483	824	703	502	1081	972	1036	1182	1060
Madhya Pradesh	1491	1365	1402	1373	1495	1898	1924	1568	2003	1978
Maharashtra	720	729	878	765	741	1085	982	637	1034	652
Nagaland	1000	NA	NA	NA	NA	857	862	1015	1014	#
Odisha	552	583	593	600	604	636	615	610	611	613
Punjab	1000	1000	1000	1000	1333	1000	1000	1000	1000	#
Rajasthan	556	701	832	828	394	832	915	972	818	1097
Tamil Nadu	1158	1511	1435	1483	1512	1564	2452	1326	2158	2894
Uttar Pradesh	1434	1455	1520	1609	1638	1665	1839	1951	2033	1899
West Bengal	NA	NA	NA	0	434	375	367	429	286	286
Puducherry	2500	2500	1000	1000	1850	2324	2667	#	NA	#
Delhi	1824	1813	1875	1933	1917	1852	1868	1875	2513	#
Daman & Diu	NA	NA	NA	2000	1667	1333	NA	1361	1393	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	2230
All India	802	886	1042	1015	731	1079	1171	1198	1184	1272

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.8 (Contd.)

State/ UT	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Tamil Nadu	Kharif	1170	3224	2952	3668	4301	3858	5682	3554	5682	5140
	Rabi	1215	5047	5091	5763	5431	5452	6649	2819	5002	5473
	Total	1189	3838	3627	4389	4685	4458	6042	3252	5372	5360
Tripura	Kharif	1000	960	1000	952	1006	1322	1353	1295	1277	#
Uttar Pradesh	Kharif	1284	1326	1437	1495	1456	1468	1654	1654	1654	1778
	Rabi	3341	1567	1615	1621	2800	2667	1810	2015	2183	1913
	Total	1295	1335	1443	1499	1465	1477	1662	1677	1703	1791
Uttarakhand	Kharif	1333	1333	1483	1303	1357	1503	1464	1437	1419	2120
West Bengal	Kharif	2076	2166	2095	2658	2183	2588	2270	2384	2687	2688
	Rabi	3913	4265	4690	5106	5619	4904	4497	4923	4765	5048
	Summer	NA	NA	3583	4272	4587	4716	NA	#	NA	4335
A & N Islands	Total	2533	2968	3166	3783	3942	3977	3722	3947	4059	#
	Kharif	1000	2000	4500	3000	2000	2476	2125	2000	2254	#
	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	1906
Others	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	1938
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	1908
All India	Kharif	1799	1660	2122	2048	1740	2285	2234	2346	2346	2187
	Rabi	3076	3793	3854	4387	3694	4003	3765	4152	4050	4125
	Total	1938	1912	2335	2414	2024	2540	2478	2566	2676	2557

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

NA: Not available.

Averaged out in Others

Table 4.1.9 : Total Pulses: State wise Yield

State/UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	772	679	803	818	740	675	637	833	928	797
Arunachal Pradesh	1078	1078	1078	1059	1000	879	920	1076	1149	#
Assam	537	557	558	567	560	555	573	598	695	642
Bihar	749	722	818	801	836	878	975	1052	1044	830
Chhattisgarh	477	543	586	580	604	624	613	700	574	834
Goa	1045	1358	991	1030	1082	1057	836	902	1102	#
Gujarat	704	593	843	777	705	812	815	867	897	912
Haryana	622	824	602	972	758	899	706	800	819	692
Himachal Pradesh	713	932	1062	758	681	1213	954	1413	1763	1251
Jammu & Kashmir	504	505	508	464	456	584	508	530	535	292
Jharkhand	567	686	736	724	709	773	885	1038	1021	1004
Karnataka	487	377	531	466	451	561	492	555	641	644
Kerala	775	857	857	818	991	778	747	1042	1091	1158
Madhya Pradesh	754	780	609	808	871	656	803	972	861	877
Maharashtra	584	602	746	537	702	768	693	704	802	554
Manipur	523	523	497	504	497	897	942	936	933	#
Meghalaya	750	744	825	867	881	881	896	1019	1092	#
Mizoram	1215	1160	529	900	1667	1534	1389	1061	1468	#
Nagaland	1281	1200	1189	1203	906	1085	1091	1099	1124	#

(Contd.)

Table 4.1.9 (Contd.)

State/UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Odisha	416	445	446	481	461	486	471	513	537	527
Punjab	804	850	804	908	896	910	789	823	872	894
Rajasthan	261	462	401	497	204	685	546	603	593	580
Sikkim	897	897	928	937	977	899	903	915	925	#
Tamil Nadu	337	541	303	307	382	386	552	413	752	689
Tripura	629	654	691	718	713	706	697	705	719	#
Uttar Pradesh	811	725	731	899	748	832	993	985	736	618
Uttarakhand	590	642	794	609	719	851	891	841	869	799
West Bengal	785	703	793	704	826	898	706	952	843	713
A & N Islands	500	571	591	571	600	442	541	499	486	#
D & N Haveli	862	862	862	859	828	898	939	901	898	#
Delhi	1000	1750	1750	2333	2000	1611	1939	2097	1500	#
Daman & Diu	846	846	846	846	846	846	NA	#	NA	#
Ponducherry	324	324	83	200	155	499	417	512	425	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	7029
All India	598	612	625	659	630	691	699	789	764	744

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.10 : GramState wise Yield

State/ UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	1591	1085	1448	1412	1308	1233	920	1119	1439	1150
Assam	500	500	500	529	517	500	509	557	698	NA
Bihar	902	818	972	925	1014	1187	1295	1402	1147	969
Chattisgarh	706	843	874	831	880	959	995	1069	771	1035
Gujarat	850	870	977	1011	947	1136	1138	978	1251	1129
Haryana	554	843	505	1041	738	982	911	1128	904	657
Himachal Pradesh	538	769	933	429	523	1000	971	1021	1000	1050
Jammu & Kashmir	500	NA	NA	667	500	545	583	542	NA	#
Jharkhand	NA	NA	NA	NA	914	1052	1067	1174	1166	1160
Karnataka	548	473	925	552	591	658	583	643	757	814
Madhya Pradesh	926	980	607	981	1071	863	1081	1219	1044	1039
Maharashtra	691	706	711	677	863	904	775	763	891	615
Meghalaya	600	600	825	600	620	500	625	611	989	#
Nagaland	1000	1250	600	667	667	714	720	842	838	#
Odisha	646	652	1500	662	748	780	765	774	768	770
Punjab	750	1000	659	1172	1133	1286	1000	1400	1211	1500
Rajasthan	443	863	1000	779	605	898	740	1019	853	725
Tamil Nadu	678	644	466	638	614	671	643	645	653	647
Tripura	500	1000	676	667	667	667	733	774	769	#

(Contd.)

Table 4.1.10 (Contd.)

State/ UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Uttar Pradesh	893	742	1000	1014	824	930	1185	1119	824	683
Uttarakhand	1000	1000	745	0	1000	785	1000	830	786	720
West Bengal	913	769	1000	1037	1108	1072	1049	1175	1175	1185
D & N Haveli	500	500	984	500	798	1000	1000	1000	1000	#
Delhi	1000	NA	500	NA	NA	882	7000	#	1500	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	1029
All India	808	845	762	895	915	895	928	1036	960	875

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.11 : Tur: State wise Yield

State/ UT	Yield (Kg/hectare)										
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh		609	401	652	456	438	415	303	524	542	492
Arunachal Pradesh		1000	1000	1000	1000	833	833	879	968	1000	#
Assam		692	714	667	704	709	718	714	829	920	833
Bihar		1291	989	1012	1178	1514	1404	1514	2131	1667	1428
Chattisgarh		445	426	522	583	510	440	433	620	613	637
Gujarat		1102	751	1109	989	906	986	1053	1184	995	1127
Haryana		1067	1100	1138	1091	1045	1080	1111	1086	1170	1083
Himachal Pradesh		NA	NA	NA	NA	NA	NA	417	364	NA	317
Jharkhand		633	645	800	616	871	686	904	1034	1042	1018
Karnataka		727	470	712	528	467	594	462	555	713	658
Kerala		NA	NA	670	NA	NA	NA	1693	1588	899	1848
Madhya Pradesh		739	683	922	804	851	337	625	662	716	981
Maharashtra		720	726	750	600	841	750	706	819	906	641
Meghalaya		750	750	1000	750	784	750	759	1152	1254	#
Mizoram		1000	1000	1189	NA	NA	NA	NA	NA	NA	#
Nagaland		950	1200	825	938	703	840	853	899	896	#
Odisha		742	803	900	860	841	916	812	912	896	898
Punjab		885	931	876	966	957	929	1000	903	897	923
Rajasthan		647	503	701	772	381	761	666	879	649	735

(Contd.)

Table 4.1.11 (Contd.)

State/ UT	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Tamil Nadu	540	732	750	608	765	662	870	785	967	1026
Tripura	692	750	891	700	725	750	747	749	717	#
Uttar Pradesh	987	749	667	914	662	898	1044	1045	900	606
Uttarakhand	1000	500	818	667	1000	706	1000	799	810	750
West Bengal	889	700		833	728	1423	432	1434	1429	1500
D & N Haveli	867	867	867	867	800	801	801	800	804	#
Delhi	1000	1500	1500	2000	1838	1750	1727	1724	NA	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	784
All India	765	650	826	671	711	655	662	776	813	750

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.12 : Total Oilseeds: State wise Yield

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	698	609	1276	842	724	861	650	849	929	778
Arunachal Pradesh	838	838	962	963	928	921	1015	909	958	#
Assam	465	495	523	542	526	576	557	610	611	628
Bihar	982	1031	979	999	1042	1048	1046	1120	1189	1058
Chhattisgarh	419	503	532	507	607	686	550	723	640	595
Goa	2394	1769	1892	2158	2807	2862	2500	2409	2544	#
Gujarat	1544	908	1618	1345	1109	1692	1608	1103	2231	1551
Haryana	1124	1344	1214	1723	1645	1855	1394	1712	1637	1415
Himachal Pradesh	344	477	442	365	271	514	579	514	490	591
Jammu & Kashmir	429	610	846	760	763	821	826	789	895	670
Jharkhand	311	422	553	560	563	625	680	787	663	652
Karnataka	600	478	681	556	502	782	665	647	824	773
Kerala	667	889	706	696	632	1032	1230	1045	980	1179
Madhya Pradesh	1009	955	1015	1075	1129	1143	1073	1231	858	1090
Maharashtra	925	963	1274	857	725	1394	1223	1337	1276	658
Manipur	7000	7000	NA	778	778	774	788	729	840	#
Meghalaya	684	673	670	676	701	704	766	695	1030	#
Mizoram	1125	927	229	781	1106	1203	967	1078	1146	#
Nagaland	926	901	896	1142	835	1040	1043	1047	1048	#

(Contd.)

Table 4.1.12 (Contd.)

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Odisha	565	550	608	604	589	619	661	700	755	692
Punjab	1097	1111	1288	1276	1354	1336	1360	1350	1335	1065
Rajasthan	1134	1146	1051	1114	1066	1203	1243	1296	1144	1192
Sikkim	727	727	872	763	959	832	841	863	887	#
Tamil Nadu	1624	1829	1739	1782	1898	2077	2479	2103	2362	2292
Tripura	709	705	675	714	717	732	751	506	759	#
Uttar Pradesh	993	837	856	865	753	832	828	898	810	699
Uttarakhand	857	750	967	1000	1138	1012	1082	1236	1070	892
West Bengal	952	918	997	828	1065	1047	994	1162	1181	1194
D & N Havelli	1000	1000	1000	NA	680	750	704	604	667	#
Delhi	763	1500	871	154	1256	1300	1251	1265	NA	#
Puducherry	1778	1778	1778	2000	1636	1684	1231	1840	1907	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	1070
All India	1004	916	1115	1006	958	1193	1133	1168	1168	1037

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.13 : Kharif Oilseeds: State wise Yield

State	Yield (Kg/hectare)										
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh		570	397	1204	705	425	700	440	657	774	556
Arunachal Pradesh		878	878	1042	1160	978	1083	1204	932	1071	#
Assam		533	571	522	537	533	537	539	628	681	595
Bihar		951	932	943	939	1129	1016	1063	1092	1097	1071
Chhattisgarh		521	623	615	572	710	824	608	836	686	628
Goa		1333	2000	2000	1500	2000	2800	2833	2540	2436	#
Gujarat		1543	779	1610	1351	1049	1699	1607	1013	2309	1545
Haryana		804	844	1079	762	648	691	750	823	986	855
Himachal Pradesh		511	489	581	610	243	536	559	559	615	659
Jammu & Kashmir		462	429	419	426	439	441	440	436	442	380
Jharkhand		287	220	597	707	611	600	861	905	963	844
Karnataka		569	439	682	548	469	783	661	635	862	762
Kerala		667	889	706	696	632	1037	1250	1044	800	1171
Madhya Pradesh		1020	962	1037	1096	1150	1159	1080	1250	836	1111
Maharashtra		981	1031	1368	878	730	1490	1266	1379	1310	661
Manipur		6000	6000	444	1000	1000	754	866	169	850	#
Meghalaya		731	692	704	665	763	780	1004	764	1274	#
Mizoram		1222	972	206	815	1167	1268	971	1142	1154	#
Nagaland		1106	1099	1041	1337	968	1156	1160	1158	1160	#

(Contd.)

Table 4.1.13 (Contd.)

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Odisha	403	423	443	461	443	481	450	511	519	484
Punjab	463	504	478	482	582	785	714	691	704	735
Rajasthan	972	1050	1224	925	798	1235	1306	1228	1019	1220
Sikkim	825	825	889	846	1025	881	897	937	946	#
Tamil Nadu	1340	1251	1263	1454	1482	1643	1929	1677	1841	1920
Tripura	583	600	591	647	638	682	620	108	648	#
Uttar Pradesh	555	349	284	321	240	380	415	392	347	393
Uttarakhand	1059	1000	1250	1333	1500	1240	1297	1663	1326	1096
West Bengal	837	922	908	661	821	914	914	937	955	969
D & N Haveli	1000	1000	1000	NA	680	750	704	604	667	#
Pondicherry	1778	1778	1778	2000	1636	1684	1231	1840	1907	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	1063
All India	965	836	1154	961	875	1203	1123	1135	1151	999

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.14 : Rabi Oilseeds: State wise Yield

State	Yield (Kg/hectare)										
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh		1193	1235	1508	1286	1517	1477	1440	1536	1618	1787
Arunachal Pradesh		829	829	945	919	919	893	985	905	936	NA
Assam		458	488	523	542	525	579	559	609	606	630
Bihar		984	1037	982	1003	1037	1050	1045	1121	1194	1057
Chhattisgarh		284	319	350	326	371	345	407	425	508	501
Goa		2500	1727	1875	2281	3000	2875	2458	2382	2564	NA
Gujarat		1552	1544	1662	1314	1617	1645	1612	1764	1696	1602
Haryana		1128	1351	1216	1735	1655	1868	1404	1721	1646	1422
Himachal Pradesh		274	471	385	260	282	505	585	500	458	569
Jammu & Kashmir		405	630	893	790	788	850	854	817	933	692
Jharkhand		333	461	539	517	553	635	653	766	622	622
Karnataka		655	543	677	571	565	778	676	665	748	799
Kerala								909	1111	1209	1636
Madhya Pradesh		955	912	833	936	990	1031	1024	1092	1031	936
Maharashtra		677	662	739	691	683	705	720	634	758	584
Manipur		NA	NA	NA	500	500	779	764	850	837	NA
Meghalaya		667	667	658	678	678	677	678	669	934	NA
Mizoram		833	600	1000	600	750	750	944	690	1100	NA
Nagaland		756	729	760	959	784	942	946	953	954	NA

(Contd.)

Table 4.1.14 (Contd.)

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Odisha	925	838	915	873	874	901	1006	950	1071	1019
Punjab	1236	1260	1478	1456	1500	1432	1465	1451	1415	1351
Rajasthan	1205	1185	946	1234	1277	1188	1190	1345	1233	1170
Sikkim	661	661	860	707	914	792	801	799	830	NA
Tamil Nadu	2073	3466	2835	2539	2993	3228	3645	3040	3514	2888
Tripura	806	842	778	778	806	774	864	874	875	NA
Uttar Pradesh	1105	1024	1064	1076	1090	1123	1107	1228	1088	920
Uttarakhand	667	563	643	714	800	803	867	921	739	688
West Bengal	988	916	1035	899	1161	1100	1025	1249	1273	1285
Delhi	763	1500	871	154	1256	1300	1251	1265	NA	NA
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	1075
All India	1068	1055	1034	1097	1146	1174	1155	1244	1207	1130

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.15 : Groundnut: State wise Yield

State	Season	Yield (Kg/hectare)											
		(1)	(2)	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
Andhra Pradesh	Kharif			565	301	1357	694	385	659	361	533	644	431
	Rabi			1739	1806	1925	1928	2128	2073	1848	1927	1875	2070
	Total			728	557	1451	880	773	899	646	829	892	771
Bihar	Kharif			556	556	500	529	1750	1000	1025	1025	1022	1022
Chhattisgarh	Kharif			1078	1142	1256	1352	1353	1462	1320	1379	1457	1412
Goa	Kharif			1333	2000	2000	1500	2102	2800	2833	2540	2436	#
	Rabi			2500	1727	1875	2281	2981	2875	2458	2382	2564	#
	Total			2394	1769	1892	2158	2807	2862	2500	2409	2544	#
Gujarat	Kharif			1707	725	1781	1368	929	1868	1563	498	2716	1578
	Rabi			2225	2000	1724	1830	1908	1801	1914	2288	1789	1800
	Total			1734	809	1777	1395	964	1864	1612	590	2668	1586
Haryana	Kharif			733	840	813	750	1000	1000	967	1143	1107	1050
Himachal Pradesh	Kharif			NA	NA	NA	1000	670	742	917	909	600	1015
Jharkhand	Kharif			NA	NA	NA	836	756	914	1196	1170	1194	1013
Karnataka	Kharif			590	434	784	545	565	853	650	560	844	808
	Rabi			924	760	906	788	804	952	917	913	912	1040
	Total			645	497	807	589	626	875	716	671	863	870
Kerala	Kharif			727	1000	759	765	763	1267	1346	1274	1250	1433
Madhya Pradesh	Kharif			1126	948	940	1140	1158	1496	1618	1515	1567	1602
Maharashtra	Kharif			831	743	1112	1016	1015	1258	1080	992	1213	985
	Rabi			1429	1355	1413	1516	1557	1390	1446	1531	1366	1394
	Total			958	889	1168	1116	1118	1289	1158	1056	1248	1062
													(Contd.)

(Contd.)

Table 4.1.15 (Contd.)

State	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Nagaland	Kharif	1000	1000	1100	1000	786	1000	1013	1012	1023	#
Odisha	Kharif	835	904	982	980	968	977	830	1070	1112	1030
	Rabi	1414	1292	1376	1279	1334	1362	1486	1345	1704	1678
	Total	1171	1113	1219	1156	1169	1176	1189	1231	1449	1378
Punjab	Kharif	882	864	871	926	1240	1773	1500	1765	1846	1857
Rajasthan	Kharif	1549	1310	1728	1670	1087	1963	1926	1549	1950	2019
Tamil Nadu	Kharif	1526	1329	1417	1674	1728	1881	2202	1890	2213	2477
	Rabi	2103	3729	3078	2622	3104	3331	3751	3149	3628	2958
	Total	1775	1981	1957	1989	2155	2323	2751	2315	2721	2697
Tripura	Kharif	1000	1000	1000	1000	1081	1333	1091	1091	1077	#
	Rabi	667	1000	1000	1000	1040	1000	1297	1315	1257	#
	Total	889	1000	1000	1000	1095	1167	1220	1229	1180	#
Uttar Pradesh	Kharif	851	730	598	705	670	988	1000	1000	896	857
Uttarakhand	Kharif	1000	2000	1000	2000	2000	1091	1000	1163	1176	1000
West Bengal	Kharif	933	1000	909	958	916	857	864	1000	917	960
	Rabi	1727	1744	1968	1763	1742	1690	1969	2585	2627	2415
	Total	1703	1713	1918	1735	1715	1661	1939	2526	2544	2372
Puducherry	Kharif	1938	1938	1875	2286	2103	1962	1406	2112	2486	#
Others	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	968
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	2564
	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	1531
All India	Kharif	1097	689	1386	1063	835	1335	1188	811	1735	1290
	Rabi	1702	1880	1857	1764	1830	1846	1938	1908	1926	1977
	Total	1187	866	1459	1163	991	1411	1323	994	1764	1400

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

N/A: Not available.

Table 4.1.16: Rapseed & Mustard: State wise Yield

State	Yield (Kg/hectare)										
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh		333	600	500	667	500	520	667	500	600	500
Arunachal Pradesh		829	829	945	919	919	893	985	905	936	#
Assam		456	487	523	543	525	581	560	610	605	630
Bihar		926	1029	947	959	1008	1028	1029	1132	1245	1056
Chhatisgarh		330	399	402	379	419	407	436	514	557	575
Gujarat		1349	1396	1635	1136	1579	1565	1572	1695	1723	1663
Haryana		1117	1343	1198	1738	1655	1869	1396	1721	1639	1409
Himachal Pradesh		292	506	409	270	287	532	619	520	483	600
Jammu & Kashmir		406	649	892	791	788	851	851	817	935	693
Jharkhand		NA	NA	NA	541	578	653	670	783	629	625
Karnataka		400	250	250	400	400	500	250	500	333	500
Madhya Pradesh		1047	999	927	1034	1074	1148	1108	1172	1108	1006
Maharashtra		308	357	444	333	333	375	308	222	400	200
Manipur		NA	NA	NA	500	500	779	764	839	837	#
Meghalaya		667	667	658	681	680	681	680	672	938	#
Mizoram		833	600	1000	600	750	750	944	690	1100	#
Nagaland		800	753	782	1000	800	1000	1005	1009	1010	#
Odisha		190	171	201	182	211	208	212	275	269	244
Punjab		1102	1122	1179	1222	1300	1323	1276	1281	1306	1226

(Contd.)

Table 4.1.16 (Contd.)

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Rajasthan	1205	1185	946	1234	1276	1188	1189	1346	1233	1170
Sikkim	661	661	860	707	914	792	801	799	830	#
Tamil Nadu	200	333	333	333	333	233	229	230	241	214
Tripura	821	824	733	750	767	750	789	799	824	#
Uttar Pradesh	1149	1057	1157	1123	1113	1187	1136	1263	1113	930
Uttarakhand	667	563	643	714	800	803	867	933	739	688
West Bengal	909	803	888	764	1080	1021	908	1062	1066	1084
Delhi	763	1500	871	154	1256	1300	1251	1265	NA	#
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	1050
All India	1117	1095	1001	1143	1183	1185	1121	1262	1185	1089

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

Averaged out in Others

NA: Not available.

Table 4.1.17 : Linseed: State wise Yield

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	250	333	0	0	0	0	0	0	480	NA
Assam	500	500	500	514	517	521	520	568	643	667
Bihar	895	850	845	846	846	889	865	867	850	861
Chhattisgarh	248	250	307	272	300	260	372	285	424	397
Himachal Pradesh	100	267	250	143	225	273	286	327	255	319
Jammu & Kashmir	400	426	1000	500	578	798	1157	582	500	552
Jharkhand	333	389	389	454	427	516	531	645	568	599
Karnataka	308	333	357	357	333	364	222	333	333	400
Madhya Pradesh	412	411	314	382	436	338	474	523	498	541
Maharashtra	277	235	279	211	250	256	258	296	258	211
Nagaland	600	648	667	769	689	807	807	807	803	#
Odisha	420	422	438	441	451	459	471	482	478	478
Punjab	500	500	1000	1000	500	NA	NA	NA	NA	NA
Rajasthan	833	833	857	1432	2006	1235	1066	962	1351	1285
Uttar Pradesh	414	373	251	450	441	453	452	433	385	560
West Bengal	284	240	271	239	295	341	359	349	200	400
Others	NA	NA	NA	NA	NA	NA	NA	NA	200	972
All India	395	385	349	415	449	408	473	502	484	539

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

NA: Not available.

Averaged out in Others

Table 4.1.18 Safflower: State wise Yield

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	471	643	750	462	429	692	700	825	750	800
Bihar	1000	500	1000	1000	769	857	821	800	805	806
Chhattisgarh	273	286	222	200	333	333	286	200	333	200
Gujarat	NA	NA	NA	1000	857	NA	583	588	600	200
Jharkhand	NA	NA	NA	478	335	401	401	500	523	828
Karnataka	741	753	814	795	735	836	636	625	791	515
Madhya Pradesh	300	333	250	250	286	250	NA	NA	500	724
Maharashtra	605	606	667	565	580	543	545	552	570	390
Odisha	615	583	615	583	581	600	581	612	602	609
West Bengal	NA	NA	NA	NA	915	838	858	1000	1000	1000
All India	627	637	701	642	621	617	580	591	638	457

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

NA: Not available.

Table 4.1.19 : Sunflower: State wise Yield

State (1)	Season (2)	Yield (Kg/hectare)									
		2005-06 (3)	2006-07 (4)	2007-08 (5)	2008-09 (6)	2009-10 (7)	2010-11 (8)	2011-12 (9)	2012-13 (10)	2013-14 (11)	2014-15* (12)
Andhra Pradesh	Kharif	351	406	629	640	380	738	588	789	800	583
	Rabi/Summer	805	871	1174	815	911	683	809	724	888	982
	Total	671	738	1026	778	771	693	785	732	870	912
Bihar	Kharif	NA	1233	1200	1200	1278	1280	1345	1348	1289	1291
	Rabi/Summer	1374	1347	1365	1429	1431	1471	1450	1454	1446	1447
	Total	1345	1332	1335	1388	1404	1441	1439	1441	1411	1411
Chhatisgath	Kharif	366	600	600	563	429	257	556	300	500	470
Haryana	Summer	1667	1667	1583	1650	1667	1800	1800	1733	2400	2111
Jharkhand	Kharif	NA	NA	NA	667	459	NA	457	825	696	870
	Rabi/Summer	NA	NA	NA	684	743	663	678	800	524	500
	Total	NA	NA	NA	682	642	663	653	814	585	623
Karnataka	Kharif	504	365	547	505	342	603	518	507	583	529
	Rabi/Summer	593	472	595	488	422	637	505	528	626	650
	Total	552	420	571	496	383	621	512	520	607	597
Madhya Pradesh	Kharif	333	333	500	500	500	500	NA	NA	NA	NA
	Summer	583	571	500	667	500	NA	NA	NA	NA	NA
	Total	533	500	500	600	500	500	NA	NA	NA	NA
Maharashtra	Kharif	532	529	580	523	419	507	548	400	588	370
	Rabi	593	545	739	626	567	636	611	465	649	501
	Summer	733	NA	778	833	750	800	NA	NA	NA	#
	Total	580	548	680	587	521	601	583	436	620	425

(Contd.)

Table 4.1.19 (Contd.)

State	Season	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Nagaland	Kharif	800	750	1000	667	600	1000	818	808	769	#
	Summer	1000	800	1100	NA	944	526	524	609	634	#
	Total	875	786	1050	667	910	571	554	632	649	#
Odisha	Kharif	NA	667	750	667	769	750	705	700	714	719
	Rabi/Summer	830	949	995	930	908	1054	1190	1196	1200	1202
	Total	821	932	984	919	902	1049	1181	1188	1193	1195
Punjab	Summer	1612	1641	1900	1750	1787	1664	1857	1881	1738	1802
	Rabi/Summer	1000	1000	NA	NA	NA	NA	NA	NA	NA	NA
	Kharif	1304	2710	2123	1017	1391	1214	1833	1343	1806	1777
Tamil Nadu	Rabi	1165	1284	1197	1606	1286	1113	1787	1366	1475	1509
	Total	1240	1828	1590	1329	1334	1151	1809	1357	1564	1549
	Rabi/Summer	1278	1500	1615	1889	2286	2250	1500	1500	1667	1667
Uttar Pradesh	Summer	1256	1292	1231	1089	1206	1123	1203	1250	1429	1467
	Kharif	NA	NA	NA	NA	NA	NA	NA	NA	NA	649
	Rabi	NA	NA	NA	NA	NA	NA	NA	NA	NA	623
West Bengal	Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	628
	Kharif	496	425	607	540	378	608	566	622	621	532
	Rabi	692	661	870	696	700	748	783	674	826	877
All India	Total	615	567	765	639	576	701	706	655	750	752

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

NA: Not available.

Averaged out in Others

Table 4.1.20 Soybean: State wise Yield

State (1)	Yield (Kg/hectare)									
	2005-06 (2)	2006-07 (3)	2007-08 (4)	2008-09 (5)	2009-10 (6)	2010-11 (7)	2011-12 (8)	2012-13 (9)	2013-14 (10)	2014-15* (11)
Andhra Pradesh	1949	1515	1966	1366	827	1703	1615	1818	1612	1082
Arunachal Pradesh	947	947	1167	1433	1183	1346	1487	1518	1273	#
Chhattisgarh	900	997	1149	987	956	1170	753	1205	877	753
Gujarat	853	510	382	699	805	810	786	1000	733	759
Himachal Pradesh	1333	667	1833	1714	850	1333	1587	1429	1450	1883
Jharkhand	NA	NA	NA	333	329	200	329	1194	1099	808
Karnataka	534	718	858	679	446	875	901	1047	1233	886
Kerala	NA	NA	NA	NA	NA	NA	NA	NA	NA	#
Madhya Pradesh	1058	1006	1091	1142	1198	1200	1108	1293	831	1139
Maharashtra	1077	1147	1492	900	728	1582	1319	1451	1351	655
Manipur	NA	NA	NA	NA	NA	927	1063	109	878	#
Meghalaya	1000	1000	909	1091	1109	1091	1694	1099	1820	#
Mizoram	1929	1000	235	1100	1603	1929	1254	1411	1480	#
Nagaland	1199	1200	1148	1498	1032	1246	1253	1252	1255	#
Rajasthan	1150	1203	1343	971	1175	1461	1544	1412	829	1036
Sikkim	825	825	889	846	1025	881	897	935	946	#
Uttar Pradesh	769	875	667	818	1143	1273	1222	1357	577	731
Uttarakhand	1154	1111	1462	1556	1636	1480	1500	1985	1479	1231
West Bengal	500	600	600	600	603	567	1226	833	699	707
Others	NA	NA	NA	NA	NA	NA	NA	NA	NA	1203
All India	1073	1063	1235	1041	1024	1327	1208	1353	1012	950

Source: Directorate of Economics & Statistics, DAC&FW

*4th Advance Estimates.

NA: Not available.

Averaged out in Others

4(C) Area and Yield of cereal crops covered under
Crop Estimation Survey(CES)

Table 4.2.1 : Rice: Area under High Yielding Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	Kharif	-	-	-	-	2554	-	2061	2920	2067	-
	Rabi	-	-	-	-	1270	-	1377	1829	1101	-
Assam	Autumn	-	-	-	-	-	-	-	-	-	160
	Winter	-	-	-	-	-	-	-	-	-	1170
Bihar	Summer	-	-	-	-	-	-	-	-	-	361
	Bhadai	-	-	-	-	-	-	-	-	-	-
Aghani	Aghani	1556	1411	1525	1636	1732	1694	1446	-	1665	2002
	Garna	88	80	76	87	92	85	74	-	56	84
Chhattisgarh	Kharif	736	732	812	882	907	950	822	822	2546	2714
	Goa	35	35	35	36	34	34	31	31	31	31
Gujarat	Rabi	17	17	17	17	18	16	16	16	16	15
	Kharif	458	518	515	-	604	640	580	620	511	-
Haryana	Summer	22	10	20	26	24	24	18	64	72	-
	Summer	690	741	784	798	824	842	505	465	425	535
Himachal Pradesh		-	-	-	-	-	-	-	-	-	-
Jammu & Kashmir		141	162	127	127	127	127	127	127	79	65
	Aghani	-	-	-	-	-	-	-	-	947	1076
Jharkhand	Kharif	743	877	906	906	883	956	925	962	990	913
	Rabi	50	41	42	41	38	39	34	38	42	44
Karnataka	Summer	74	209	363	284	324	1	336	344	255	185
	Autumn	93	98	91	76	73	75	74	69	67	62
Kerala	Winter	110	116	111	112	84	84	90	78	81	76
	Summer	36	35	22	35	45	49	49	51	47	47
Madhya Pradesh		123	136	176	169	155	1459	1374	208	587	735
Maharashtra	Kharif	1312	1342	1331	1459	1534	1453	2025	1370	1516	1528
	Summer	-	-	-	-	-	-	-	-	27	31
Meghalaya	Autumn	-	-	-	-	-	-	7	-	-	11
		-	-	-	-	-	-	-	-	-	-

(Contd.)

Table: 4.2.1 (Contd.)

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Odisha	Winter	-	-	-	-	-	-	-	-	-	33
	Autumn	-	-	-	-	-	-	-	-	-	7
Punjab	Winter	-	-	-	-	-	-	-	-	-	1
	Summer	450	434	436	439	451	465	475	475	412	448
Rajasthan	Winter	2185	2276	2341	2409	2488	2635	2712	2640	2726	2754
	Summer	253	293	325	315	333	331	265	293	235	274
Tamil Nadu#	Winter	-	2549	2639	2621	2610	2734	2802	66	2818	2845
	Summer	-	-	-	-	279	-	-	-	332	205
Uttarakhand	K/K/S	-	-	-	-	-	-	-	-	1335	1092
	S/T/P	-	-	-	-	-	-	-	-	122	95
Uttar Pradesh	N/K	-	-	-	-	-	-	-	-	140	129
	Kharif	-	-	-	-	-	-	-	-	14	14
West Bengal	Rabi	-	-	-	-	-	-	-	-	5662	-
	Aus.	-	-	-	-	-	-	-	-	-	-
Dadra & Nagar Haveli	Aman	-	-	-	-	-	-	-	-	-	-
	Summer	-	-	-	-	-	-	-	-	-	-
Delhi	Winter	9	9	5	9	12	9	9	12	13	13
	Summer	7	9	8	8	8	8	8	8	7	6
Daman & Diu	I-Kharif	1	1	1	1	1	-	1	1	1	1
	II-Kharif	6	6	5	5	4	4	4	4	4	4
Puducherry	III-Kharif	12	13	12	12	5	5	5	11	10	9
	Summer	6	6	5	5	5	5	5	5	2	4

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

K/K/S - Kar/Kuruvai/Sornavai (Early Kharif), S/T/P - Samba/Thalady/Pishanam (Late Kharif), N/K - Navara/Kodai (Rabi)

* I - Kharif; II - Rabi-I, III - Rabi-II (Summer)

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Blank (-) Not available with State Agricultural Statistics Authority (SASA), *I-Kharif II- Rabi-I, III-Rabi-II (summer)

Table 4.2.2 : Jowar: Area under High Yielding Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	Kharif	-	-	-	-	2	12	0	-	20	-
	Rabi	-	-	-	-	26	5	170	170	67	-
Chhatisgarh		-	-	-	-	-	-	-	-	-	-
Gujarat	Kharif	55	31	50	-	40	52	49	49	39	-
	Summer	38	18	29	15	-	15	0	-	-	-
	Rabi	-	-	-	-	12	12	17	17	15	-
Karnataka	Kharif	189	304	262	341	254	203	195	195	172	131
	Rabi	848	830	800	775	819	896	842	842	770	887
	Summer	-	16	-	-	6	5	3	3	11	8
Madhya Pradesh		-	-	-	-	-	-	-	-	149	122
Maharashtra	Kharif	1570	1518	-	1378	1253	847	976	976	865	888
	Rabi	-	-	-	-	-	-	-	-	-	-
Rajasthan		292	174	218	171	51	-	57	57	156	204
Tamil Nadu		-	-	-	-	-	-	-	-	175	189
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.3 : Bajra: Area under High Yielding Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh		-	-	-	-	-	17	25	51	-	-
Gujarat	Kharif	-	750	764	-	713	513	483	482	418	-
	Summer	163	135	150	166	179	159	162	354	392	-
Haryana		560	480	545	536	576	561	426	590	544	396
Karnataka	Kharif	279	426	415	361	413	258	290	301	285	272
Madhya Pradesh		-	-	-	-	-	-	-	-	132	143
Maharashtra		1214	1423	1434	1411	1283	859	918	970	838	788
Punjab		-	-	2248	2494	-	-	-	-	-	3
Rajasthan		2935	2194	-	-	2145	1755	2135	-	1513	1583
Tamil Nadu		-	-	-	-	-	-	-	-	44	39
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-
Delhi		2	2	2	2	2	2	2	-	1	2
Daman & Diu		-	-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.4 : Maize: Area under High Yielding Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	Kharif	-	-	-	-	105	457	503	435	94	-
	Rabi	-	-	-	-	-	272	386	281	218	-
Bihar	Bhadai	105	105	119	108	109	107	75	-	100	105
	Rabi	-	-	-	-	-	-	-	-	113	127
Chhattisgarh	Garma	103	111	121	131	138	-	148	-	-	-
		-	-	-	-	-	-	-	-	35	44
Gujarat		249	320	305	-	307	307	330	291	282	-
Haryana		8	10	8	6	6	6	5	5	3	3
Himachal Pradesh		-	-	-	-	-	-	-	-	-	-
Jammu & Kashmir		71	47	40	40	40	40	40	40	63	-
Karnataka	Kharif	544	779	839	864	1013	928	1055	1099	1203	1160
	Rabi	47	55	80	78	75	103	103	107	110	125
Madhya Pradesh	Summer	-	9	-	16	20	28	28	24	32	32
		-	-	-	-	-	-	-	-	304	291
Maharashtra	Kharif	-	-	-	-	-	-	-	-	-	-
	Rabi	-	-	-	-	-	-	-	-	-	-
Odisha	Aurumn	26	31	35	35	45	49	66	99	213	81
	Winter	1	2	6	6	6	0.3	0.2	1	-	-
	Summer	2	2	2	2	3	2	2	4	17	3

(Contd.)

Table: 4.2.4 (Contd.)

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Punjab		-	100	104	115	103	110	49	-	106	109
Rajasthan	Kharif	498	444	544	590	667	442	352	-	595	504
	Rabi	-	-	-	-	-	-	-	-	-	-
Tamil Nadu						213	286	231	-	279	287
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-
West Bengal		-	-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.5 : Wheat: Area under High Yielding Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Assam		-	-	-	-	-	-	-	-	-	-
Bihar		1470	1473	1479	1564	1608	1620	1604	-	1590	1638
Chhatisgarh		67	41	41	40	42	47	56	-	49	52
Gujarat		731	641	744	1023	1222	1037	854	1544	1234	-
Haryana		2290	2288	2290	2345	2390	2383	2357	-	2411	2378
Himachal Pradesh		-	-	-	-	-	-	-	-	-	-
Jammu & Kashmir		143	140	131	131	131	131	131	131	112	152
Jharkhand		-	-	-	-	-	-	-	-	159	164
Karnataka		101	120	147	182	177	175	196	173	148	144
Madhya Pradesh		2269	2405	1965	2425	2457	2404	2765	2936	3753	4018
Maharashtra		622	724	924	1231	1253	1015	1012	1258	878	785
Odisha	Summer	5	4	3	4	5	5	5	3	14	1
Punjab		-	3482	3468	3467	3488	3526	3522	-	3517	3504
Rajasthan		1528	1350	1796	2320	2199	1766	1658	-	2656	2756
Uttarakhand		-	-	-	-	-	-	-	-	-	171
Uttar Pradesh		-	-	-	-	-	-	-	-	9630	-
West Bengal		-	-	-	-	-	-	-	-	-	-
Delhi		19	13	8	13	13	13	13	-	20	19

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.6 : Rice: Yield of Local Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	Kharif	-	-	-	-	3078	-	-	-	-	-
	Rabi	-	-	-	-	3570	-	-	-	-	-
Assam	Autumn	1012	665	1043	931	1060	1076	934	979	1192	-
	Winter	1554	1421	1473	1223	1354	1575	1614	1921	1733	-
Bihar	Summer	1399	1704	1580	1662	1370	1882	1907	2249	2392	-
	Bhadai	1234	912	951	1023	612	2006	897	-	1603	1697
	Aghani	1217	551	811	1203	1091	2198	1036	-	2350	2235
	Garma	1331	1174	1436	1787	1623	2366	1419	-	1507	2292
Chhattisgarh		958	1084	1201	1175	1307	1057	990	990	1855	2075
Goa	Kharif	-	-	-	-	-	-	-	-	-	-
	Rabi	-	-	-	-	-	-	-	-	-	-
Gujarat	Kharif	1438	966	910	1446	1564	989	611	1226	1434	-
	Summer	-	2765	3406	-	-	1879	3263	3116	4633	-
Haryana		2126	2208	1981	2373	2544	2215	2500	2788	2425	2743
Himachal Pradesh		1478	1306	1466	1596	1662	1652	1372	1728	-	-
Jammu & Kashmir		1780	1596	1798	1798	1798	1798	1798	1798	2775	4657
Jharkhand	Aghani	-	-	-	-	-	-	-	-	1820	1550
Karnataka	Kharif	1059	1463	1838	1714	1851	1375	1542	1821	1776	1564
	Rabi	2300	2509	1694	1815	1830	2052	2173	1934	2250	2133

(Contd.)

Table: 4 2.6 (Contd.)

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Summer	-	-	-	-	1019	3179	2791	3005	-	-
Kerala	Autumn	1549	1426	1622	1626	1477	1474	1494	1460	1723	1553
	Winter	1729	1873	1905	1740	1781	1715	1722	1657	1753	1616
	Summer	1391	1417	1607	1702	1711	1689	1571	1729	1761	1309
Madhya Pradesh		987	724	952	783	767	1428	1436	1046	-	-
Maharashtra	Kharif	1069	1191	1049	1552	639	1220	1267	1125	-	-
	Summer	-	-	-	-	-	-	-	2228	-	-
Meghalaya	Autumn	1285	1277	1380	1369	1235	1285	1279	1478	-	1412
	Winter	1487	1378	1479	1870	1296	1452	1398	1548	-	1814
Nagaland	Kharif	-	-	-	-	-	-	-	-	-	1905
	Rabi	-	-	-	-	-	-	-	-	-	2521
Odisha	Autumn	765	677	670	815	1360	851	692	621	730	1147
	Winter	1276	1249	1239	1165	1915	1077	1185	1090	1039	1585
	Summer	-	-	-	-	-	-	-	-	-	-
Punjab		3396	3537	1799	-	-	-	-	-	-	-
Rajasthan		1140	1130	1328	1501	2163	4432	1567	3051	4314	-
Tamil Nadu#	K/K/S	3333	-	-	-	-	3643	-	5271	0	-
	S/T/P	2552	1738	2645	1634	593	1746	1571	1698	2827	-
	N/K	3082	1613	2714	-	3250	3550	-	-	-	-
Uttarakhand	Kharif	-	-	-	-	-	-	-	-	-	1406
	Rabi	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-

(Contd.)

Table: 4.2.6 (Contd.)

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
West Bengal	Aus.	1525	1395	1403	1240	1333	1865	1066	1334	-	3024
	Aman	1744	1746	1662	1701	1409	2542	1781	1982	-	3430
	Summer	2526	2733	2919	2115	1869	3428	2095	2913	-	4891
Dadra & Nagar Haveli		1572	1576	2353	1814	1817	2724	1816	2649	-	2046
Delhi		-	-	-	-	-	-	-	-	-	-
Daman & Diu		1843	1715	1490	1765	1750	1750	1036	1183	-	1180
Puducherry	I-Kharif	-	-	-	-	-	-	-	-	-	-
	II-Rabi-I	-	-	-	-	-	-	-	-	-	-
	III-Rabi-II	-	-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

K/K/S - Kar/Kuruvai/Sornaveri (Early Kharif), S/T/P - Samba/Thalady/Pishanam (Late Kharif)

N/K - Navarai/Kodai (Rabi) * I - Kharif, II - Rabi-I, III - Rabi-II (Summer)

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.7 : Jowar: Yield of Local Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	Kharif	-	-	-	-	1241	1145	906	1005	-	-
	Rabi	-	-	-	-	1153	1505	-	-	-	-
Chhattisgarh		1001	667	792	873	1021	1123	897	897	768	715
Gujarat	Kharif	828	1242	1200	-	1327	1021	956	933	1078	-
	Rabi	-	-	-	-	895	876	1052	1033	1611	-
Karnataka	Summer	835	932	824	745	-	-	-	-	-	-
	Kharif	332	537	524	586	889	724	529	969	710	640
	Rabi	136	610	647	551	885	924	774	1241	583	710
	Summer	-	-	-	-	-	-	-	-	-	-
Madhya Pradesh		1197	953	945	898	908	1092	1074	1164	-	-
Maharashtra	Kharif	892	740	-	576	341	875	581	1082	1077	1604
	Rabi	-	-	-	-	-	-	-	687	-	-
Nagaland	Kharif	-	-	-	-	-	-	-	-	-	950
Rajasthan		671	412	271	513	604	-	138	-	735	-
Tamil Nadu		587	715	685	1123	894	674	667	834	1394	608
		-	-	-	-	-	-	-	-	-	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.8 : Bajra: Yield of Local Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh		-	-	-	-	1263	856	-	-	-	-
Gujarat	Kharif	1320	1001	1073	-	924	1061	1098	939	999	-
	Summer	-	3198	968	2351	1974	2877	-	2320	-	-
Haryana		1071	756	925	1482	1289	1535	1432	1529	2094	1656
Karnataka	Kharif	300	391	615	473	734	513	315	483	612	716
Madhya Pradesh		822	795	841	740	665	972	945	1151	-	-
Maharashtra		466	512	-	455	-	502	441	675	982	-
Punjab		-	-	-	-	-	-	-	-	-	-
Nagaland	Kharif	-	-	-	-	-	-	-	-	-	1014
Rajasthan		942	399	288	341	541	644	304	799	1158	-
Tamil Nadu		826	1050	740	760	980	913	884	-	2835	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-
Delhi		-	-	-	-	-	-	-	-	-	-
Daman & Diu		780	1454	1033	2015	1654	1654	1312	1378	1410	1360

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.9 : Maize: Yield of Local Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	Kharif	-	-	-	-	-	2644	-	-	-	-
	Rabi	-	-	-	-	-	5521	-	-	-	-
Bihar	Bhadaï	1650	1496	1542	1502	768	1276	1511	-	2323	3423
	Rabi	3006	3041	3045	3612	3974	3828	2599	-	4522	3388
	Garma	2953	2600	2579	2541	2467	2756	2905	-	-	-
Chhatisgarh		1370	1430	1058	1225	1523	1523	1392	1392	1655	1928
Gujarat		1661	899	1481	-	1327	1378	890	1618	2095	
Haryana		2449	2302	2061	2236	2584	2103	2126	1665	2218	2423
Himachal Pradesh		2551	2227	1932	2376	2435	2222	1990	2483	-	-
Jammu & Kashmir		1555	1473	1302	1302	1302	1302	1302	1302	1498	3779
Karnataka	Kharif	1500	1999	1832	2133	2652	1192	877	2019	2200	2427
	Rabi	670	1691	2624	2423	2397	1951	1951	2233	2781	2427
	Summer	-	-	-	-	-	-	-	-	-	-
Madhya Pradesh		1557	1185	1179	896	1044	331	1159	1408	-	-
Maharashtra	Kharif	-	-	-	-	-	-	-	3024	-	-
	Rabi	-	-	-	-	-	-	-	2630	-	-
Nagaland	Kharif	-	-	-	-	-	-	-	-	1960	1960
	Rabi	-	-	-	-	-	-	-	-	1960	1960
Odisha	Autumn	891	1006	862	845	921	943	850	1102	1514	1070
	Winter	1291	899	654	831	2472	814	974	1258	-	-

(Contd.)

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Summer	740	837	945	1116	1217	3945	1268	-	-	1230
Punjab		2287	2395	2081	2001	2094	2195	3237	-	2274	2734
Rajasthan	Kharif	1796	1225	875	1060	1615	1753	1101	1786	1867	
	Rabi	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-
West Bengal		-	2029	1824	1908	1673	1737	1926	2121	4084	4569

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.10 : Wheat: Yield of Local Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Assam		1040	1084	1079	1228	1236	1054	1129	1147	1222	-
Bihar		1552	1393	1233	1794	2094	1794	1823	-	2778	2602
Chhatisgarh		784	652	728	766	884	834	874	874	1326	1459
Gujarat		697	1910	2052	953	1341	1382	1755	1217	2496	-
Haryana		2240	2419	3075	2889	3563	4176	3746	4482	4931	4158
Himachal Pradesh		1360	1795	1104	1622	1451	1063	1176	1747	-	-
Jammu & Kashmir		1437	1567	1558	1558	1558	1558	1558	1558	1617	1783
Jharkhand		-	-	-	-	-	-	-	-	-	-
Karnataka		216	596	660	501	763	748	743	1054	802	520
Madhya Pradesh		1346	1298	1284	1320	1165	1311	1512	1363	-	-
Maharashtra		708	864	773	-	-	779	1092	1250	-	-
Nagaland		-	-	-	-	-	-	-	-	1711	1801
Odisha	Summer	1359	-	1142	1363	1252	1151	1151	1447	-	1731
Punjab		3582	-	-	-	-	-	-	-	3841	4365
Rajasthan		2331	2780	2583	2175	2368	2971	2688	3364	1459	-
Uttarakhand		-	-	-	-	-	-	-	-	1383	1525
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-
West Bengal		2052	1873	1930	2038	2239	1882	2174	2356	3626	3468
Delhi		-	-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.11 : Rice: Yield of High Yielding Varieties in Major States

State / UTs	Season	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Andhra Pradesh	Kharif	-	-	-	-	-	3060	-	2835	2563	-	-
	Rabi	-	-	-	-	-	3312	-	3449	3716	-	-
Assam	Autumn	1839	1778	1551	1950	1674	1452	1789	1782	1660	2032	1993
	Winter	2262	2263	2013	2064	1831	1713	2480	2304	2358	2154	2554
Bihar	Summer	2518	2220	2309	2126	2470	2697	2466	2325	2785	2962	3312
	Bhadai	1401	-	-	-	-	-	-	-	-	-	-
	Aghani	1703	1810	942	1409	1789	1596	2814	1261	-	2850	2750
	Garma	1641	1502	1521	1552	1643	1741	2486	1966	-	2005	2828
Chhatisgarh		1163	1267	1840	2134	2221	2145	1747	1827	1827	2298	2709
Goa	Kharif	2369	3182	2852	2865	2405	2281	2339	1902	2358	2521	2599
	Rabi	2584	3038	2597	2671	2570	2428	2440	2593	2667	2688	2854
Gujarat	Kharif	1330	2054	1893	2059	2822	3081	1772	1978	2086	3210	-
	Summer	3104	3106	2993	3182	4311	4667	3274	2950	3042	4764	-
Haryana		-	3042	3218	3410	3504	3611	2876	3713	2788	4223	3946
Himachal Pradesh		1283	1825	1643	1751	1936	1927	1997	1593	-	-	-
Jammu & Kashmir		1862	2078	2172	2514	2514	2514	2514	2514	-	3913	3523
Jharkhand	Aghani	-	-	-	-	-	-	-	-	-	3954	3221
Karnataka	Kharif	2503	2688	2856	2874	2860	2974	2948	2801	3157	3002	2843
	Rabi	2198	3120	3550	2331	2421	2288	2299	2384	2430	2300	2548

(Contd.)

Table: 4 2.11 (Contd.)

State / UTs	Season	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Kerala	Summer	2642	4107	4709	3273	3046	3213	2094	3224	3408	3393	3341
	Autumn	2165	2244	2365	2205	2343	2215	2486	2529	2439	2535	2571
	Winter	2351	1875	2365	2455	2599	2519	2537	2686	2463	2812	2575
Madhya Pradesh	Summer	2748	2287	2525	2743	2896	2413	2994	2723	2692	3161	2850
		1221	1872	1087	2909	1565	1700	900	885	1835	-	1964
	Kharif	869	1957	1434	1838	1669	1898	1499	1515	1821	-	1964
Meghalaya	Summer	-	-	-	-	-	-	-	-	-	-	2469
	Autumn	-	-	-	-	-	-	-	1734	-	-	3250
	Winter	-	-	-	-	-	-	-	-	-	-	3137
Nagaland	Kharif	-	-	-	-	-	-	-	-	-	-	3050
		-	-	-	-	-	-	-	-	-	-	2860
	Rabi	-	-	-	-	-	-	-	-	-	-	-
Odisha	Autumn	423	1202	949	1055	1144	1838	1146	1037	933	809	1878
	Winter	844	1795	1668	1777	1755	2878	1637	1742	1754	1532	2531
	Summer	2125	2133	2230	2160	2293	2447	2451	2713	2259	3262	3165
Punjab		3501	3681	3942	3846	3868	4018	4022	4010	-	3741	3998
Rajasthan		947	1373	1551	1301	2637	3334	1840	1309	1259	2021	-
Tamil Nadu#	K/K/S	3495	3347	3542	3358	3383	4054	3853	3490	3634	4182	4033
	S/T/P	2845	2749	3033	2648	3838	3018	2734	3125	3059	3922	2761
	N/K	2988	2969	3100	3085	3923	3447	3535	3502	3525	3859	3565
Uttarakhand	Kharif	-	-	-	-	-	-	-	-	-	2366	2524
		-	-	-	-	-	-	-	-	-	-	3208
	Rabi	-	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-	-

(Contd.)

Table: 4.2.11 (Contd.)

State / UTs	Season	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
West Bengal	Aus.	2184	2194	2242	2169	2132	2157	3389	2216	2128	3913	4105
	Aman	2431	2422	2464	2401	2427	2398	3789	2438	2514	4244	4381
	Summer	2940	3076	3089	2913	3123	3136	4148	2821	3252	4662	5283
Dadra & Nagar Haveli		3017	2058	2275	3202	3987	3115	2925	2594	2624	2824	2052
Delhi		2117	2635	2956	2931	2940	2940	2940	2940	-	4180	4322
Daman & Diu		1910	1957	1561	2346	2143	1356	1356	1539	1677	1700	1720
Puducherry*	I-Kharif	2757	2759	2720	2872	2645	2963	2675	2859	2859	3020	3270
	II-Rabi-I	1979	2609	2147	1979	2688	2675	2581	2227	2227	2272	2603
	III-Rabi-II	2789	2714	2731	2520	3048	2669	2893	2643	2643	2894	3075

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

K/K/S - Khar/Kharuval/Sornaveri (Early Kharif), S/T/P - Samba/Thalady/Pishanam (Late Kharif),

N/K - Navarai/Kodai (Rabi) * I - Kharif, II - Rabi-I, III - Rabi-II (Summer)

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.12 : Jowar: Yield of High Yielding Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	Kharif	-	-	-	-	1872	1269	-	-	-	-
	Rabi	-	-	-	-	2989	7368	1176	1384	-	-
Chhatisgarh		-	-	-	-	-	-	-	-	-	-
Gujarat	Kharif	1407	1379	1424	-	1359	1403	1245	1345	1341	-
	Rabi					901	750	1113	1353	1283	-
Karnataka	Summer	798	976	1010	1086	-	-	-	-	-	-
	Kharif	1234	1703	1813	1320	1867	1503	1127	1733	1674	1423
	Rabi	552	711	982	819	1224	1111	1025	1073	1045	1145
	Summer	-	-	-	-	2496	2395	1891	2105	2016	1734
Madhya Pradesh		1161	1066	1158	1113	1181	1208	1263	1439	-	-
Maharashtra	Kharif	1335	1173	-	1209	1499	1163	1127	-	1503	1347
	Rabi	-	-	-	-	-	-	-	-	-	-
Rajasthan		745	523	310	997	883	-	469	-	1092	-
Tamil Nadu		897	935	1158	1456	1052	1108	1398	1439	1755	1018
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.13 : Bajra: Yield of High Yielding Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh		-	-	-	-	1734	1631	959	1647	-	-
Gujarat	Kharif	-	1043	1042	-	1137	1077	867	1113	1150	-
	Summer	2084	1998	2181	2266	2272	2381	2271	2449	2524	-
Haryana		1701	1417	1160	1674	1892	1826	1652	1904	1691	1993
Karnataka	Kharif	678	637	965	439	818	721	453	1004	1025	1097
Madhya Pradesh		1638	1523	1828	1514	1552	1390	1434	1756	-	-
Maharashtra		695	750	650	647	878	767	780	1113	-	637
Punjab		-	-	-	-	-	-	-	-	-	895
Rajasthan		1416	858	580	1064	1242	1090	656	-	1413	-
Tamil Nadu		1338	1620	1626	2403	1977	1987	1889	1680	3900	1693
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-
Delhi		2473	1628	1850	1750	1750	1750	1750	-	1872	1878
Daman & Diu		-	-	-	-	-	-	-	-	-	-

Source: Consolidated Results of Crop Estimation Survey on Principal Crops-Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

Table 4.2.14 : Maize: Yield of High Yielding Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	Kharif	-	-	-	-	5127	3710	1910	3807	-	-
	Rabi	-	-	-	-	6167	5640	6598	7341	-	-
Bihar	Bhadai	1695	1909	1781	1973	1297	1841	2035	-	2416	3737
	Rabi	-	-	-	-	-	-	-	-	4565	6272
Garni		2709	2928	2427	3367	4084	3188	3134	-	-	-
Chhattisgarh		-	-	-	-	-	-	-	-	-	-
Gujarat		1852	913	1602	-	1472	1524	1051	1670	1439	-
Haryana		2409	2695	2266	2360	2714	2195	2224	2131	3174	3004
Himachal Pradesh		3292	2763	2498	3144	2883	3058	2367	2728	-	-
Jammu & Kashmir		2020	1837	1877	1877	1877	1877	1877	1877	2043	1343
Karnataka	Kharif	2059	3109	3113	2864	3060	2883	2447	3595	3182	2699
	Rabi	2425	3201	3659	3179	3569	3173	3173	2955	3115	3204
	Summer	-	3220	-	3373	3822	3312	3312	3555	3683	3617
Madhya Pradesh		2330	1703	1657	1336	1420	1620	1263	1337	-	-
Maharashtra	Kharif	-	-	-	-	-	-	-	-	-	-
	Rabi	-	-	-	-	-	-	-	-	-	-
Odisha	Autumn	1892	2178	1932	1927	2314	2297	2401	3734	2395	2552
	Winter	1986	1979	2287	2647	2738	2273	1590	2118	-	-
	Summer	1999	2066	2216	2385	2277	2547	2237	2818	2912	2804

(Contd.)

Table: 4 2.14 (Contd.)

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Punjab		3385	3291	2973	3469	3820	3594	3751	-	4303	3770
Rajasthan	Kharif	2143	1099	1188	1001	2136	1860	962	-	1518	-
Tamil Nadu		-	-	-	-	4500	4387	4660	-	6144	3681
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-
West Bengal		-	3039	2663	2967	2549	2878	2992	-	5051	6942

Source: Consolidated Results of Crop Estimation Survey on Principal Crops- Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

4.2.15 : Wheat: Yield of High Yielding Varieties in Major States

State / UTs	Season	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Assam		1049	965	948	977	1173	1092	1164	939	1033	-
Bihar		1860	1706	1442	2069	2407	2199	2157	-	3143	2864
Chhatisgarh		1226	1092	1066	1252	1267	1236	1394	1394	1466	1628
Gujarat		2712	2560	2832	2659	3057	2396	2717	3143	3032	
Haryana		3975	3921	3887	4247	4175	4651	4215	4607	5185	4464
Himachal Pradesh		1563	2098	1153	1908	1786	1124	1304	1874	-	-
Jammu & Kashmir		2107	2175	2063	2063	2063	2063	2063	2063	1834	2841
Jharkhand		-	-	-	-	-	-	-	-	1908	1944
Karnataka		723	1575	1150	1052	1243	1146	1065	1316	954	1014
Madhya Pradesh		2165	2146	2014	2240	2022	2209	2334	2387	-	-
Maharashtra		1201	1366	1400	1520	1892	1489	1641	1776	1707	1527
Odisha	Summer	1471	1311	1388	1488	1587	1415	1415	1461	1686	1902
Punjab		4203	4222	4165	4209	4506	4504	4307	-	5101	4743
Rajasthan		2848	2846	2825	3078	2741	3184	3255	-	3506	
Uttarakhand		-	-	-	-	-	-	-	-	-	-
Uttar Pradesh		-	-	-	-	-	-	-	-	-	-
West Bengal		2261	2067	2058	2235	2395	2188	2427	2458	3966	4025
Delhi		4052	3745	3845	3920	3920	3920	3920		4348	4360

Source: Consolidated Results of Crop Estimation Survey on Principal Crops-Published by NSSO

Blank (-) Not available with State Agricultural Statistics Authority (SASA)

5

Area, Production and Yield of Horticulture & Plantation Crops

Table 5.1: Area and Production of Horticulture Crops

Crops	2010-11				2011-12		2012-13		2013-14		2014-15 (P)	
	Area		Production		Area		Production		Area		Production	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
Fruits												
Almond	23	14	22	4	21	9	21	13	21	17		
Aonla/Gooseberry	67	677	95	961	108	1266	104	1225	94	1176		
Apple	289	2891	322	2203	311	1915	313	2498	320	1922		
Banana	830	29780	797	28455	776	26509	803	29725	845	28137		
Ber	22	188	34	252	41	438	48	663	47	413		
Citrus												
(i) Lime/Lemon	219	2108	234	2272	255	2524	286	2835	273	3068		
(ii) Mandarin (Orange)	324	3255	329	3128	311	2906	330	3431	244	3342		
(iii) Sweet Orange(Mosambi)	157	1316	162	1232	323	3520	335	3886	276	4406		
(iv) Others	147	784	190	1290	153	1140	126	994	130	926		
Citrus Total (i to iv)	846	7464	915	7922	1042	10090	1078	11147	923	11742		
Custardapple	15	105	19	127	20	136	22	165	24	204		
Grapes	111	1235	116	2221	118	2483	119	2585	122	3205		
Guava	205	2462	220	2510	236	3198	268	3668	248	3919		
Jackfruit	36	540	60	1042	67	1176	158	1573	116	2070		
Kiwi	0	1	3	6	4	7	5	8	5	9		
Litchi	78	497	80	538	83	580	84	585	90	569		
Mango	2297	15188	2378	16196	2500	18002	2516	18431	2218	18832		
Papaya	106	4196	117	4457	132	5382	133	5639	122	4682		
Passion Fruit	-	-	16	97	18	101	19	124	19	126		
Peach	18	92	20	91	19	98	18	94	20	111		
Pear	41	300	48	294	42	295	42	317	43	263		
Peanut	1	0	2	0	-	-	1	0	2	0		
(Contd.)												

(Contd.)

Table 5.1 (Contd.)

Crops	2010-11		2011-12		2012-13		2013-14		2014-15 (P)	
	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Pineapple	89	1415	102	1500	105	1571	110	1737	114	1913
Plum	14	32	26	72	24	74	23	76	24	71
Pomegranate	107	743	112	772	113	745	131	1346	194	2095
Sapota	160	1424	163	1420	164	1495	177	1744	111	1290
Strawberry							0	2	1	5
Walnut	114	187	150	284	123	233	122	241	125	205
Others	912	5446	889	4991	915	5482	901	5372	395	3306
Total Fruits	6383	74878	6705	76424	6982	81285	7216	88977	6242	86283
Vegetables										
Beans	100	888	118	1151	124	1269	138	1370	134	1211
Bitterguard	68	749	77	866	83	940	79	807	83	842
Bottleguard	75	1354	105	1984	114	2090	103	1819	141	2268
Brinjal	680	11896	892	12634	722	13444	711	13558	679	12439
Cabbage	369	7949	390	8412	372	8534	400	9039	380	8795
Capsicum	6	65	10	127	29	153	30	167	33	188
Carrot	56	953	62	1153	64	1145	62	1074	72	1132
Cauliflower	369	6745	391	7349	402	7887	434	8573	414	8026
Cucumber	35	525	40	607	41	641	43	678	58	858
Chillies (Green)							140	1687	173	2022
Elephant Foot Yam							5	222	9	285
Muskmelon	40	740	38	791	42	868	37	761	46	879
Mushroom								17		28
Okra	498	5784	518	6259	531	6350	533	6346	493	5552
Onion	1064	15118	1087	17511	1052	16813	1204	19402	1150	18736

(Contd.)

Table 5.1 (Contd.)

Crops	2010-11		2011-12		2012-13		2013-14		2014-15 (P)	
	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Parmal (pointed gourd)	0	0					13	169	15	302
Peas	370	3517	408	3745	421	4006	434	3869	467	4476
Potato	1863	42339	1907	41483	1992	45344	1973	41555	2069	45951
Radish	133	1878	160	2286	170	2411	173	2485	185	2640
Stapthal/Pumpkin	5	143	11	278	16	373	20	416	52	1135
Sweet Potato	113	1047	110	1073	112	1132	106	1088	111	1336
Tapioca	221	8076	227	8747	207	7237	228	8139	213	5715
Tomato	865	16826	907	18653	880	18227	882	18736	894	19167
Watermelon	67	1436	71	1727	81	1789	75	1810	89	2145
Others	1496	18526	1661	19487	1751	21535	1574	19108	1532	20932
Total Vegetables	9190	156323	8989	156325	9205	162187	9396	162897	9494	167058
Aromatic	510	605	506	566	557	918	493	895	508	831
Flowers Cut*		69027		75066		76732		543		477
Flowers Loose	191	1031	254	1652	233	1729	255	1754	246	1641
Total Flowers	191	1031	254	1652	233	1729	255	2297	246	2118
Honey								76		76
Plantation Crops										
Arecanut	400	478	464	681	446	609	452	622	455	732
Cashewnut	953	675	979	725	992	753	1011	753	1029	742
Cocoa	57	14	63	13	66	13	71	15	78	16
Coconut	1896	10840	2071	14940	2137	15609	2140	14911	1976	14154
Total Plantation	3306	12007	3577	16359	3641	16985	3675	16301	3538	15644
Spices										
Ajwan	26	22	35	27	35	27	27	19	27	18
Cardamom	87	16	89	16	92	18	93	21	92	22

(Contd.)

Table 5.1 (Contd.)

Crops	2010-11		2011-12		2012-13		2013-14		2014-15 (P)	
	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Chillies (Dried)	792	1223	805	1276	794	1304	775	1492	744	1453
Cinnamon/Teipata	3	5	3	5	3	5	3	5	3	5
Celery, Dill & Poppy	38	40	33	33	33	33	33	33	24	21
Clove	2	1	2	1	2	1	2	1	2	1
Coriander	530	482	558	533	543	524	447	314	470	344
Cumin	508	314	594	394	594	394	859	514	944	599
FGreek	81	118	94	116	93	113	66	90	66	86
Fennel	62	105	100	143	100	143	54	70	39	60
Garlic	201	1058	242	1228	248	1259	231	1252	244	1292
Ginger	149	702	155	756	136	683	133	655	138	704
Nutmeg	16	11	17	13	17	13	19	13	20	13
Pepper	184	52	200	41	125	53	124	51	124	55
Vanilla	7	1	7	1	7	1	7	1	7	1
Tamarind	60	206	58	203	58	202	59	188	57	209
Turmeric	195	993	219	1167	194	971	233	1190	189	852
Total Spices	2940	5350	3212	5951	3076	5744	3163	5908	3188	5732
Total	21824	240426	23242	257277	23694	268848	24198	277352	23216	277743

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Figure of Production under Grand Total does not include Production of Cut-Flowers upto 2012-13

Table 5.2: Statewise Area and Production of various Horticultural Crops during the Year 2014-15 (3rd Advance Estimate)

State/UTs	Area in '000 Ha Production in '000 MT'															
	Fruits		Vegetables		Flowers		Aromatic		Spices		Plantation		Honey		Total	
	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Andaman & Nicobar	3.68	31.60	6.72	50.87	0.18	0.19	0.00			1.68	3.22	27.27	95.52		39.53	181.40
Andhra Pradesh	547.85	9124.22	354.86	6445.60	14.39	103.32	21.21	0.45	1.19	169.36	775.82	315.42	1200.96	1.50	1402.33	17673.82
Arunachal Pradesh	90.00	331.40	1.70	41.00	0.02	0.01	1.86	5.15	109.18	10.17	64.27	0.00	0.00		107.04	547.72
Assam	155.51	2242.74	296.23	4752.13	3.53	22.80	33.04	4.99	0.16	93.08	279.14	98.76	238.06		652.10	7568.07
Bihar	303.79	4000.40	842.00	14467.15	1.43	13.68	2.76	4.00	0.69	13.01	12.54	14.90	97.30	6.50	1179.12	18601.02
Chhattisgarh	221.59	2113.36	418.63	5739.51	10.96	50.03	0.00	7.95	55.19	11.69	11.65	15.41	27.67	0.50	686.23	7997.91
D & N Haveli	0.00	0.00	1.10	5.50	0.00	0.00	0.00					0.00	0.00		1.10	5.50
Daman & Diu	0.01	0.29	0.07	3.65	0.00	0.03	0.00					0.00	9.63		0.09	13.60
Delhi	0.08	0.60	22.84	391.90	0.00	0.00	0.00					0.00	0.00		22.92	392.50
Goa	11.46	83.10	7.19	82.00	0.01	0.03	0.12			0.91	0.28	85.70	122.80		105.26	288.33
Gujarat	370.76	8001.96	578.35	11543.29	17.30	163.60	0.00			608.86	1019.96	39.60	227.57	0.10	1614.87	20956.48
Haryana	51.39	596.15	368.42	5291.52	6.07	62.85	4.92	0.55	1.23	16.13	82.82	0.00	0.00	4.00	442.56	6043.49
Himachal Pradesh	220.71	751.94	83.75	1585.37	0.80	27.21	11.55	1.11	0.90	8.43	14.16	0.00	0.00	5.00	314.80	2396.12
Jammu & Kashmir	352.38	1542.68	63.06	1395.47	0.46	0.35	0.00			4.94	1.07	0.00	0.00	2.50	420.84	2942.06
Jharkhand	94.14	898.08	316.67	4279.28	1.60	22.03	52.81			0.00	0.00	14.83	4.50	1.20	427.24	5257.89
Karnataka	407.27	6941.88	462.86	8564.77	30.90	220.00	70.77	3.38	24.84	195.39	333.26	870.65	4070.80	2.00	1970.44	20228.32
Kerala	240.58	2313.20	115.43	2882.51	13.37	0.05	32.86	0.01	0.00	167.62	144.77	850.42	3575.35	2.00	1387.44	8950.75
Lakshadweep	0.44	0.43	0.31	0.65	0.00	0.00	0.00	0.01	0.00			2.57	48.80		3.33	49.88

(Contd.)

Table 5.2 (Contd.)

State/Ut's	Fruits		Vegetables		Flowers		Aromatic		Spices		Plantation		Honey		Total	
	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Madhya Pradesh	219.96	6093.00	677.60	14315.41	17.75	206.00	0.00	65.62	414.00	284.91	454.17	0.00	0.00	0.00	1.50	1265.83
Maharashtra	645.47	10540.17	580.54	8136.26	7.25	38.53	0.00	0.30	0.09	120.76	109.04	216.50	367.58	1.00	1570.82	19192.67
Manipur	55.63	533.60	27.77	297.73	0.81	0.30	0.00			10.47	24.14	0.90	0.15		95.57	855.92
Meghalaya	36.33	377.25	44.60	534.00	0.06	0.00	2.61			17.50	83.88	25.61	29.18		124.10	1026.91
Mizoram	60.27	350.91	44.03	273.76	0.20	181.54	1.83	1.10	0.95	23.30	65.72	10.78	7.38		139.68	882.10
Nagaland	40.56	411.00	38.55	492.37	0.01	0.00	0.00			9.77	39.16	2.17	11.55		91.06	954.08
Odisha	327.28	2156.82	668.81	9425.13	7.50	25.86	57.16	1.90	0.60	123.32	181.50	231.09	309.13	0.75	1359.91	12156.95
Puducherry	0.68	15.91	1.46	43.74	0.18	1.49	0.00			0.09	0.38	6.94	18.15		9.35	79.66
Punjab	78.70	1742.97	197.14	4066.17	1.37	10.65	0.00	15.10	2.90	21.34	91.52	0.00	0.00	0.00	14.00	313.65
Rajasthan	39.27	636.98	163.83	1270.06	2.71	2.91	0.00	249.07	128.86	828.00	629.54	0.00	0.00	0.00	1.80	1282.88
Sikkim	17.38	19.68	26.10	134.41	0.24	16.50	1.92			33.76	60.75	0.00	0.00		77.48	233.26
Tamilnadu	298.33	5398.15	238.23	5682.83	55.03	343.65	12.87	13.45	76.67	106.38	187.33	638.55	4842.62	1.50	1349.97	16545.62
Telangana	385.44	5498.96	184.46	3042.33	7.84	22.39	6.01			134.18	551.47	1.69	17.40		713.60	9138.56
Tripura	71.90	805.77	48.14	806.41	0.00	0.00	0.00			5.69	18.04	15.88	31.97		141.61	1662.19
Uttar Pradesh	462.98	8652.20	1134.01	23575.61	17.21	34.32	0.05	133.70	13.40	61.66	244.02	0.00	0.00	0.00	12.50	1809.55
Uttarakhand	202.27	761.96	91.01	1085.50	1.63	2.09	14.69			8.09	41.08	0.00	0.00	0.00	1.80	302.99
West Bengal	228.25	3313.70	1387.20	26354.61	25.32	68.15	148.03			97.56	207.72	52.16	290.34	15.00	1790.49	30397.54
Total	6242.29	86283.02	9493.66	167058.50	246.13	1640.55	477.07	507.84	830.85	3188.05	5732.42	3537.79	15644.42	76.15	23215.76	277742.98

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

P(cut) = Production in (lakh Nos)

Figure of Production under Total does not include Production of Cut-Flowers

Fruits, Vegetables, Flowers, Aromatic/Medicinal Plants - State Directorates of Horticulture

Plantation Crops:- Coconut (CDB), Arecanut (Directorate Arecanut & Spice Dev), Cashew & Cocoa (Directorate of Cashew & Cocoa Development) and State Directorate of Horticulture.

Spices : Directorate of Arecanut & Spices Development

Table 5.3 (a): Potato: All-India Area, Production and Yield

Area - Million Hectares
Production - Million Tonnes
Yield - Kg./Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1950-51	0.24	1.66	6917
1951-52	0.25	1.71	6848
1952-53	0.26	1.99	7812
1953-54	0.26	1.96	7611
1954-55	0.27	1.76	6632
1955-56	0.28	1.86	6639
1956-57	0.29	1.72	6028
1957-58	0.32	2.00	6243
1958-59	0.34	2.35	6947
1959-60	0.36	2.73	7550
1960-61	0.38	2.72	7251
1961-62	0.37	2.45	6704
1962-63	0.41	3.37	8152
1963-64	0.42	2.59	6249
1964-65	0.43	3.61	8395
1965-66	0.48	4.08	8513
1966-67	0.47	3.52	7440
1967-68	0.50	4.23	8441
1968-69	0.52	4.73	9011
1969-70	0.50	3.91	7888
1970-71	0.48	4.81	9976
1971-72	0.49	4.83	9810
1972-73	0.51	4.45	8821
1973-74	0.54	4.86	8946
1974-75	0.59	6.23	10598
1975-76	0.62	7.31	11738
1976-77	0.62	7.17	11573
1977-78	0.67	8.14	12228
1978-79	0.81	10.13	12555
1979-80	0.69	8.33	12152
1980-81	0.73	9.67	13258
1981-82	0.76	9.91	12996
1982-83	0.74	9.96	13549
1983-84	0.79	12.15	15299
1984-85	0.85	12.57	14806
1985-86	0.84	10.42	12364

(Contd.)

Table 5.3(a) (Contd.)

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1986-87	0.83	12.74	15322
1987-88	0.89	14.05	15869
1988-89	0.93	14.86	15929
1989-90	0.94	14.77	15714
1990-91	0.94	15.21	16254
1991-92	1.03	16.39	15904
1992-93	1.05	15.23	14458
1993-94	1.05	17.39	16610
1994-95	1.07	17.40	16262
1995-96	1.11	18.84	16973
1996-97	1.25	24.22	19376
1997-98	1.21	17.65	14587
1998-99	1.32	23.61	17886
1999-00	1.34	24.71	18443
2000-01	1.22	22.49	18404
2001-02	1.21	23.92	19806
2002-03	1.35	23.27	17300
2003-04	1.29	23.06	17887
2004-05	1.32	23.63	17923
2005-06	1.40	23.91	17058
2006-07	1.48	22.18	14943
2007-08	1.55	28.47	18331
2008-09	1.83	34.39	18810
2009-10	1.84	36.58	19951
2010-11	1.86	42.34	22724
2011-12	1.91	41.48	21753
2012-13	1.99	45.34	22760
2013-14	1.97	41.56	21060
2014-15 (3rd Adv. Est.)	2.07	45.95	22210

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Table 5.3 (b) : Potato: Area, Production and Yield in Major Producing States

State/UTs	2013-14						2014-15 (P)					Area-000' Hectare Production- 000'Tonnes Yield-Kg/Hectare
	Area			Yield			Area	% to All India	Production	% to All India		
	(1)	(2)	(3)	(4)	(5)	(6)					(7)	
Uttar Pradesh		564.25	28.60	13808.76	33.23	24473	604.30	29.21	13137.54	28.59	21740	
West Bengal		412.25	20.89	9030.00	21.73	21904	412.20	19.92	12027.00	26.17	29178	
Bihar		318.5	16.14	6536.00	15.73	20524	318.99	15.42	6345.56	13.81	19893	
Madhya Pradesh		110.00	5.57	2322.40	5.59	21113	136.01	6.57	3048.00	6.63	22410	
Gujarat		73.64	3.73	2267.38	5.46	30790	98.20	4.75	2964.10	6.45	30184	
Punjab		87.24	4.42	2189.16	5.27	25092	89.25	4.31	2243.52	4.88	25137	
Assam		97.96	4.96	700.14	1.68	7148	99.18	4.79	1706.04	3.71	17202	
Jharkhand		49.06	2.49	653.12	1.57	13314	49.55	2.39	659.65	1.44	13314	
Haryana		29.97	1.52	696.51	1.68	23240	30.13	1.46	658.44	1.43	21853	
Karnataka		40.71	2.06	539.70	1.30	13257	43.4	2.10	565.34	1.23	13026	
Chhattisgarh		37.89	1.92	556.40	1.34	14685	38.49	1.86	542.77	1.18	14102	
Others		151.77	7.69	2255.81	5.43	14863	149.25	7.21	2052.9	4.47	13755	
All India		1973.19	100.00	41555.38	100.00	21060	2068.95	100.00	45950.85	100.00	22210	

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).
Note: States have been arranged in descending order of percentage share of production during 2014-15.

Table 5.4 (a): Onion: All-India Area, Production and Yield

Area - Million Hectares

Production - Million Tonnes

Yield - Kg./Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1978-79	0.21	2.20	10403
1979-80	0.24	2.50	10232
1980-81	0.25	2.50	9961
1981-82	0.25	2.65	10562
1982-83	0.24	2.43	10330
1983-84	0.27	2.70	9982
1984-85	0.28	3.10	11139
1985-86	0.28	2.86	10202
1986-87	0.26	2.53	9659
1987-88	0.27	2.70	9857
1988-89	0.32	3.35	10620
1989-90	0.30	3.07	10176
1990-91	0.30	3.23	10686
1991-92	0.32	3.58	11088
1992-93	0.32	3.49	10791
1993-94	0.37	4.01	10902
1994-95	0.38	4.04	10661
1995-96	0.40	4.08	10316
1996-97	0.40	4.18	10348
1997-98	0.40	3.62	9091
1998-99	0.47	5.33	11391
1999-00	0.49	4.90	9932
2000-01	0.42	4.55	10786
2001-02	0.45	4.83	10686
2002-03	0.42	4.21	9912
2003-04	0.50	5.92	11784
2004-05	0.55	6.43	11718
2005-06	0.66	8.68	13118
2006-07	0.70	8.89	12655
2007-08	0.70	9.14	12974
2008-09	0.83	13.48	16260
2009-10	0.76	12.16	16079
2010-11	1.06	15.12	14210
2011-12	1.09	17.51	16109
2012-13	1.05	16.81	15989
2013-14	1.20	19.40	16120
2014-15 (3rd Adv.Est.)	1.15	18.74	16295

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Table 5.4 (b): Onion: Area, Production and Yield in major producing States

State	2013-14				2014-15 (P)				Area - '000 Hectares Production - '000 Tonnes Yield - Kg/ Hectare	
	Area (2)	% to All - India (3)	Production (4)	% to All - India (5)	Yield (6)	Area (7)	% to All - India (8)	Production (9)	% to All - India (10)	Yield (11)
(1)										
Maharashtra	468.00	38.9	5864.04	30.2	12530	427.93	37.2	5361.96	28.6	12530
Karnataka	136.57	11.3	2065.16	10.6	15122	164.73	14.3	2985.75	15.9	18125
Madhya Pradesh	117.31	9.7	2826.02	14.6	24090	123.18	10.7	2967.41	15.8	24090
Bihar	54.32	4.5	1304.16	6.7	24009	54.30	4.7	1247.31	6.7	22972
Gujarat	72.79	6.0	1851.22	9.5	25432	44.30	3.9	1126.55	6.0	25430
Rajasthan	57.46	4.8	704.96	3.6	12269	62.56	5.4	800.07	4.3	12789
Haryana	30.16	2.5	672.17	3.5	22287	28.69	2.5	667.12	3.6	23253
Andhra Pradesh	55.81	4.6	1004.55	5.2	18000	38.37	3.3	575.58	3.1	15000
Uttar Pradesh	24.27	2.0	409.96	2.1	16895	24.46	2.1	413.42	2.2	16905
Odisha	35.81	3.0	432.05	2.2	12065	33.19	2.9	395.96	2.1	11930
Tamil Nadu	39.97	3.3	472.69	2.4	11826	29.84	2.6	289.45	1.5	9700
Others	111.14	9.2	1794.72	9.3	16148	118.3	10.3	1905.88	10.2	16111
All India	1203.60	100.0	19401.70	100.0	16120	1149.84	100.0	18736.46	100.0	16295

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Note: States have been arranged in descending order of percentage share of production during 2014-15.

Table 5.5 (a): Coconut: All-India Area, Production and Yield

Area - '000 Hectares

Production - '000 Tonnes

Yield - Kg./ Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
1991-92	1529	10080	6593
2001-02	1893	12822	6773
2002-03	1893	12822	6773
2003-04	1934	12178	6297
2004-05	1935	8829	4563
2005-06	2029	14809	7299
2006-07	1940	15831	8160
2007-08	1903	14748	7750
2008-09	1903	14748	7750
2009-10	1895	15730	8301
2010-11	1896	10840	5717
2011-12	2071	14940	7214
2012-13	2137	15609	7304
2013-14	2140	14911	6966
2014-15 (Provisional)	1976	14154	7164

Source: Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Table 5.5(b): Coconut: Area and Production in major Producing States

State/UTs	2013-14				2014-15 (P)				Area - 000' Hectares Production-000'MT Yield- Kg/ Hectare
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	% to All India
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Tamil Nadu	465.11	21.7	4760.67	31.9	10236	465.11	23.54	4760.67	33.63
Karnataka	517.29	24.2	3469.48	23.3	6707	515.03	26.07	3538.30	25.00
Kerala	797.21	37.2	4107.37	27.5	5152	649.85	32.89	3370.00	23.81
Andhra Pradesh	121.92	5.7	1258.40	8.4	10322	106.01	5.37	1094.40	7.73
West Bengal	29.30	1.4	255.22	1.7	8711	29.41	1.49	256.18	1.81
Odisha	50.78	2.4	223.63	1.5	4404	50.68	2.57	223.63	1.58
Gujarat	31.63	1.5	203.05	1.4	6420	31.63	1.60	203.05	1.43
Assam	20.23	0.9	94.02	0.6	4647	21.14	1.07	163.45	1.15
Maharashtra	28.08	1.3	129.02	0.9	4594	28.10	1.42	129.00	0.91
Bihar	15.25	0.7	97.33	0.7	6384	14.90	0.75	97.30	0.69
Others	63.69	3.0	312.47	2.1	4906	63.96	3.24	318.17	2.25
All India	2140.49	100.0	14910.66	100.0	6966	1975.82	100.00	14154.15	100.00

Source: Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Note: States have been arranged in descending order of percentage share of production during 2014-15.

Table 5.6 (a) : Cashewnut: All-India Area, Production and Yield

Area - '000 Hectares

Production - '000Tonnes

Yield - Kg./Hectare

Year	Area	Productive Area	Production	Yield
(1)	(2)	(3)	(4)	(5)
1990-91	532	464	295	636
1991-92	534	482	305	633
1992-93	560	508	349	687
1993-94	565	517	348	673
1994-95	577	510	322	631
1995-96	635	485	418	862
1996-97	659	515	430	835
1997-98	675	512	360	703
1998-99	706	573	460	803
1999-00	686	601	520	865
2000-01	720	627	450	710
2001-02	750	666	470	710
2002-03	770	675	500	760
2003-04	780	684	535	800
2004-05	820	700	544	810
2005-06	837	760	573	815
2006-07	854	765	620	820
2007-08	868	770	665	860
2008-09	893	835	695	773
2009-10	923	882	613	695
2010-11	945	906	653	720
2011-12	981	935	692	749
2012-13	982	944	728	772
2013-14	1008	966	737	782
2014-15	1027	976	725	706

Source : Directorate of Cashewnut and Cocoa Development.

Table 5.6 (b) : Cashewnut: Area, Production and Yield in major producing States

State	2013-14				2014-15				Area - '000 Hectares	Production - '000 Tonnes	Yield - Kg./Hectare
	Area	% to All India	Production	% to All India	Yield	Area	% to All India	Production	% to All India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
Maharashtra	184.20	18.3	236.20	32.0	1317	186.20	18.1	235.00	32.4	1262	
Andhra Pradesh	184.95	18.3	100.42	13.6	646	185.45	18.1	100.00	13.8	539	
Odisha	166.91	16.6	85.71	11.6	679	180.41	17.6	85.50	11.8	474	
Karnataka	124.11	12.3	80.61	10.9	750	124.71	12.1	80.50	11.1	645	
Kerala	84.93	8.4	80.12	10.9	910	84.53	8.2	80.00	11.0	946	
Tamil nadu	139.42	13.8	67.39	9.1	669	140.42	13.7	67.00	9.2	478	
Goa	57.97	5.8	32.35	4.4	780	58.17	5.7	32.00	4.4	550	
Others	65.51	6.5	54.20	7.4	827	67.33	6.6	45.00	6.2	668	
All India	1008.00	100.0	737.00	100.0	782	1027.22	100.0	725.00	100.0	706	

Source: Directorate of Cashewnut and Cocoa Development.

Note: States have been arranged in descending order of percentage share of production during 2014-15.

Table 5.7: Arecanut and Banana: All-India Area, Production and Yield

Area - '000 Hectares
 Production - '000 Tonnes
 Yield - Kg/Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
Arecanut			
1997-98	273.70	333.50	1218
1998-99	277.50	309.80	1116
1999-00	289.00	334.40	1157
2000-01	315.20	373.10	1184
2001-02	340.90	403.10	1182
2002-03	354.30	415.90	1174
2003-04	365.00	439.20	1203
2004-05	364.30	452.70	1243
2005-06	381.10	483.10	1268
2006-07	382.38	473.23	1238
2007-08	386.69	478.07	1236
2008-09	387.10	481.30	1243
2009-10	400.10	478.00	1195
2010-11	400.30	478.10	1194
2011-12	463.90	680.70	1467
2012-13	446.39	608.72	1364
2013-14	451.90	622.27	1377
2014-15 (3rd Adv. Est.)	454.89	732.44	1610
Banana			
1997-98	446.70	12642.50	28302
1998-99	445.70	12425.40	27878
1999-00	464.60	11123.50	23942
2000-01	458.50	12899.20	28133
2001-02	432.40	12519.20	28953
2002-03	475.30	13304.40	27992
2003-04	390.50	11388.00	29163
2004-05	404.20	11710.30	28972
2005-06	423.60	12104.50	28575
2006-07	477.24	16608.71	34802
2007-08	532.48	17646.81	33141
2008-09	709.00	26217.00	36977
2009-10	770.30	26469.50	34363
2010-11	830.00	29780.00	35880
2011-12	795.50	28455.10	35725
2012-13	776.00	26509.00	34161
2013-14	802.57	29724.55	37037
2014-15 (3rd Adv. Est.)	845.13	28136.96	33293

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Table 5.8 : Garlic and Ginger: All-India Area, Production and Yield

	Area - '000 Hectares Production - '000 Tonnes Yield - Kg/Hectare		
Year	Area	Production	Yield
(1)	(2)	(3)	(4)
Garlic			
1997-98	108.80	484.40	4452
1998-99	123.20	570.70	4632
1999-00	124.60	524.60	4210
2000-01	69.20	247.10	3571
2001-02	92.20	386.30	4190
2002-03	111.50	457.00	4099
2003-04	138.90	691.10	4976
2004-05	144.10	646.60	4487
2005-06	134.90	598.20	4434
2006-07	159.20	776.26	4876
2007-08	205.08	1068.42	5210
2008-09	181.09	821.16	4535
2009-10	164.86	833.97	5059
2010-11	201.00	1058.00	5264
2011-12	242.49	1228.32	5065
2012-13	247.52	1259.27	5088
2013-14	230.59	1251.88	5429
2014-15 (3rd Adv. Est.)	244.07	1291.56	5292
Ginger			
1997-98	75.60	252.10	3335
1998-99	77.60	263.20	3392
1999-00	80.80	282.60	3498
2000-01	86.20	288.00	3341
2001-02	91.30	322.10	3528
2002-03	88.20	280.20	3177
2003-04	85.10	301.90	3548
2004-05	95.30	359.00	3767
2005-06	110.60	391.20	3537
2006-07	106.10	393.44	3708
2007-08	104.07	382.57	3676
2008-09	108.64	380.10	3499
2009-10	107.54	385.33	3583
2010-11	149.00	702.00	4711
2011-12	155.06	755.62	4873
2012-13	136.25	682.63	5010
2013-14	132.62	655.06	4939
2014-15 (3rd Adv. Est.)	137.51	703.53	5116

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Table 5.9 : Sweet Potato and Tapioca: All-India Area, Production and Yield

Area - '000 Hectares

Production - '000 Tonnes

Yield - Kg/Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
Sweet Potato			
1997-98	128.80	1171.00	9092
1998-99	134.40	1152.40	8574
1999-00	122.90	1110.60	9037
2000-01	101.30	838.30	8275
2001-02	96.70	834.60	8631
2002-03	104.20	956.20	9177
2003-04	106.40	937.80	8814
2004-05	107.20	932.50	8699
2005-06	106.80	955.10	8943
2006-07	106.60	963.70	9040
2007-08	106.00	942.60	8892
2008-09	124.00	1120.00	9032
2009-10	118.90	1094.70	9207
2010-11	113.00	1047.00	9265
2011-12	110.40	1072.80	9719
2012-13	111.76	1132.36	10132
2013-14	105.87	1087.88	10276
2014-15 (3rd Adv. Est.)	110.72	1336.35	12070
Tapioca			
1997-98	264.60	7007.80	26485
1998-99	243.40	5830.40	23954
1999-00	223.50	6014.10	26909
2000-01	251.80	7123.80	28292
2001-02	247.60	6834.00	27601
2002-03	189.80	4827.60	25435
2003-04	219.00	5945.30	27147
2004-05	229.40	5854.80	25522
2005-06	242.40	7620.20	31436
2006-07	256.43	8429.04	32871
2007-08	253.45	8722.39	34415
2008-09	280.00	9623.00	34368
2009-10	231.90	8059.90	34756
2010-11	221.00	8076.00	36543
2011-12	226.70	8746.50	38582
2012-13	206.96	7236.59	34966
2013-14	228.28	8139.43	35655
2014-15 (3rd Adv. Est.)	212.82	5714.80	26853

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division)

Table 5.10: Turmeric, Chillies and Coriander: All-India Area, Production and Yield

Area - '000 Hectares

Production - '000 Tonnes

Yield - Kg/Hectare

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
Turmeric			
1997-98	139.70	549.20	3931
1998-99	160.70	597.90	3721
1999-00	141.20	668.50	4734
2000-01	191.70	714.30	3726
2001-02	167.10	562.80	3368
2002-03	150.10	522.20	3479
2003-04	150.10	564.90	3763
2004-05	158.70	718.10	4525
2005-06	172.00	851.70	4952
2006-07	178.49	786.75	4408
2007-08	175.28	794.40	4532
2008-09	181.10	821.20	4535
2009-10	180.96	792.98	4382
2010-11	195.00	993.00	5092
2011-12	218.60	1,166.80	5337
2012-13	194.20	971.10	5000
2013-14	232.67	1189.89	5114
2014-15 (3rd Adv. Est.)	189.14	851.66	4503
Chillies			
1997-98	840.60	870.10	1035
1998-99	891.20	1043.20	1171
1999-00	959.20	1052.80	1098
2000-01	836.50	983.70	1176
2001-02	880.00	1069.00	1215
2002-03	827.40	894.60	1081
2003-04	774.30	1235.70	1596
2004-05	737.50	1185.50	1607
2005-06	654.00	1014.60	1551
2006-07	763.23	1242.11	1627
2007-08	805.81	1297.85	1611
2008-09	779.10	1269.90	1630
2009-10	767.23	1202.94	1568
2010-11	792.00	1223.00	1544
2011-12	804.80	1276.30	1586
2012-13	794.10	1304.40	1643
2013-14	774.87	1492.14	1926
2014-15 (3rd Adv. Est.)	743.64	1453.13	1954

Contd...

Table 5.10 (Contd.)

Year	Area	Production	Yield
(1)	(2)	(3)	(4)
Coriander			
1997-98	656.50	337.70	514
1998-99	525.80	292.40	556
1999-00	415.10	239.30	576
2000-01	353.60	231.30	654
2001-02	429.20	319.40	744
2002-03	285.80	174.00	609
2003-04	483.50	389.80	806
2004-05	348.90	248.00	711
2005-06	340.40	223.40	656
2006-07	320.83	233.23	727
2007-08	384.22	309.60	806
2008-09	396.85	242.13	610
2009-10	360.00	236.72	658
2010-11	530.00	482.00	909
2011-12	557.90	532.90	955
2012-13	543.20	523.90	964
2013-14	447.13	313.65	701
2014-15 (3rd Adv. Est.)	469.69	344.44	733

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

Table 5.11: Cardamom & Pepper : All-India Area, Production and Yield

	Area - '000 Hectares Production - '000 Tonnes Yield - Kg/Hectare		
Year	Area	Production	Yield
(1)	(2)	(3)	(4)
Cardamom			
1997-98	94.30	11.70	123
1998-99	85.00	9.00	106
1999-00	84.80	10.70	126
2000-01	92.40	14.50	157
2001-02	91.60	15.20	166
2002-03	88.50	15.40	174
2003-04	95.60	16.70	175
2004-05	95.20	16.90	178
2005-06	95.80	17.80	186
2006-07	98.20	15.70	160
2007-08	81.80	13.40	164
2008-09	91.99	15.45	168
2009-10	90.20	15.72	174
2010-11	87.00	16.00	184
2011-12	89.00	15.80	178
2012-13	92.40	18.40	199
2013-14	92.84	21.28	229
2014-15 (3rd Adv. Est.)	91.71	21.80	238
Pepper			
1997-98	181.50	57.30	316
1998-99	239.80	75.70	316
1999-00	195.60	59.00	302
2000-01	213.90	63.70	298
2001-02	219.38	62.44	285
2002-03	224.40	71.70	320
2003-04	233.40	73.20	314
2004-05	228.30	73.02	320
2005-06	260.23	92.90	357
2006-07	245.96	69.01	281
2007-08	197.00	47.06	239
2008-09	238.71	47.40	199
2009-10	195.92	51.02	260
2010-11	184.00	52.00	183
2011-12	200.30	40.60	203
2012-13	124.60	52.60	422
2013-14	123.81	50.87	411
2014-15 (3rd Adv. Est.)	123.62	54.59	442

Source : Department of Agriculture, Cooperation & Farmers Welfare (Horticulture Division).

6

All India Index Numbers of Area,
Production, Yield and Terms of Trade

Table 6.1: All India Index Numbers of Area of Principal Crops

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Rice	100.3	104.0	95.7	97.9	100.5	97.6	100.8	100.1
Wheat	101.9	100.9	103.5	105.7	108.6	109.1	110.8	112.6
Jowar	93.5	90.7	93.8	88.9	75.2	74.9	69.8	63.8
Bajra	100.2	91.6	93.2	100.6	91.9	76.4	81.8	74.5
Maize	103.2	103.9	105.0	108.7	111.6	110.2	115.3	117.7
Ragi	101.5	101.1	92.8	94.1	86.1	82.6	87.4	87.9
Small Millets	100.1	87.2	80.0	77.1	77.0	72.7	65.7	56.3
Barley	96.2	112.7	99.6	112.6	102.7	111.0	107.5	110.0
Coarse Cereals	99.9	97.9	98.5	101.2	96.4	92.1	94.4	92.3
Cereals	100.9	101.6	99.5	101.8	103.3	101.7	104.0	104.2
Tur	102.8	93.2	95.7	120.5	110.6	107.5	107.8	102.3
Gram	103.0	107.8	111.6	125.5	113.4	116.4	135.6	111.9
Moong	111.5	85.0	91.8	104.9	101.3	81.3	101.2	91.3
Urad	102.9	86.2	95.5	104.8	103.8	101.1	98.9	105.6
Lentil	91.5	96.4	103.7	111.9	109.5	99.7	94.0	92.8
Other Pulses	97.3	92.4	97.2	105.6	93.7	83.8	84.4	83.3
Total Pulses	102.3	97.3	102.2	116.4	107.5	103.8	112.8	102.2
Foodgrains	101.2	100.9	100.0	104.4	104.0	102.0	105.6	103.9

Contd...

Table 6.1 (Contd.)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Groundnut	101.2	99.2	88.1	94.2	84.7	76.0	88.6	75.4
Castor	103.6	114.0	96.7	115.9	193.6	162.3	139.9	145.5
Niger	94.7	91.4	87.3	86.2	84.7	72.1	69.4	54.4
Sesamum	103.3	103.9	111.5	119.6	109.2	97.9	96.4	102.1
R & M	87.9	95.0	84.3	104.1	88.9	96.0	100.2	87.3
Linseed	104.7	91.2	76.5	80.4	72.2	66.3	65.6	63.4
Safflower	90.5	83.2	81.3	68.9	70.7	51.8	50.2	59.5
Sunflower	89.4	84.8	69.0	43.4	34.2	38.8	31.4	25.8
Soyabean	106.9	114.5	117.2	115.6	121.7	130.5	141.1	133.5
Total Oilseeds	98.5	101.8	94.8	101.0	97.5	97.5	104.1	94.5
Sugarcane	105.3	91.9	86.9	101.7	104.9	104.1	104.0	107.1
Cotton	103.7	103.6	111.6	123.8	134.1	131.9	131.7	144.1
Jute	103.2	99.6	102.8	98.1	102.5	98.4	95.8	95.0
Mesta	102.9	81.1	66.3	69.4	67.3	60.4	57.4	41.7
Coconut	98.7	98.7	98.2	98.3	107.4	110.8	110.9	102.6
Cotton seed	103.7	103.6	111.6	123.8	134.1	131.9	131.7	144.1
Sannhamp	97.4	78.4	74.7	85.6	64.3	53.2	49.1	49.1
Potato	105.0	123.6	124.0	125.9	128.9	134.6	133.3	139.2
Tapioca	101.1	111.7	92.5	88.1	90.5	82.5	90.9	100.9
Sweet potato	99.6	116.8	111.8	106.1	103.3	105.2	99.6	104.3

Contd...

Table 6.1 (Contd.)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Onion	102.2	121.0	109.6	154.3	157.7	152.6	174.6	171.3
Banana	111.5	148.4	161.2	173.7	166.8	162.4	168.1	184.2
Tobacco	95.9	107.5	122.0	135.0	128.3	117.3	125.5	125.5
Guar seed	106.6	118.6	92.0	103.8	105.9	158.2	183.1	183.1
Black pepper	84.0	101.8	83.6	78.5	85.3	53.3	52.9	52.9
Dry chillies	108.7	105.1	103.5	106.9	108.6	107.2	104.6	104.6
Dry ginger	97.4	101.6	101.0	139.3	145.0	127.2	124.4	124.4
Turmeric	100.0	103.3	103.3	111.3	125.0	110.7	132.9	132.9
Areca nut	100.9	100.9	104.3	104.3	121.0	116.3	117.9	117.9
Cardamom	89.0	100.1	97.9	94.6	96.8	100.1	101.2	101.2
Coriander	110.3	113.9	103.3	152.1	160.1	155.8	128.3	128.3
Garlic	123.3	99.9	99.2	120.8	145.4	149.0	138.8	138.8
Tea	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
Coffee	113.2	115.0	116.5	118.0	119.5	121.1	122.2	121.1
Rubber	103.1	107.5	111.4	115.5	119.3	123.0	126.3	126.3
Non Foodgrains	103.2	106.1	104.3	114.0	116.5	116.2	119.4	120.4
All Crops	102.2	103.5	102.1	109.1	110.2	109.0	112.4	112.0

Source: Directorate of Economics & Statistics, DAC&FW

Table 6.2: All India Index Numbers of Production of Principal Crops

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Rice	102.9	105.6	94.8	102.2	112.1	112.0	113.5	111.6
Wheat	105.4	108.2	108.3	116.5	127.2	125.4	128.5	119.3
Jowar	104.7	95.7	88.5	92.5	79.0	69.8	73.2	66.7
Bajra	114.7	102.2	74.8	119.3	118.2	100.6	106.4	104.1
Miaze	116.6	121.4	102.9	133.7	133.9	136.9	149.3	145.6
Ragi	108.5	102.9	95.2	110.6	97.3	79.4	100.0	100.6
Small Millets	110.0	88.8	76.3	88.3	90.2	87.0	85.9	74.8
Barley	95.8	135.3	108.5	133.2	129.7	140.4	146.7	128.4
Coarse Cereals	112.1	110.0	92.3	118.9	114.8	109.2	118.0	113.6
Cereals	105.5	107.4	100.2	111.1	119.1	117.3	120.7	115.2
Tur	113.5	83.6	91.0	105.6	98.0	111.6	117.2	102.6
Gram	97.5	119.8	126.8	139.5	130.7	149.9	161.6	121.6
Moong	127.4	86.6	57.9	150.7	136.8	99.3	134.4	126.3
Urad	104.1	83.9	88.3	125.7	126.1	139.1	121.4	133.4
Lentil	91.2	107.1	115.9	106.0	118.9	127.4	114.3	136.1
Other Pulses	105.9	102.6	87.0	131.1	112.2	109.6	110.0	131.0
Total Pulses	105.1	102.0	102.3	129.3	121.3	129.3	135.6	122.1
Foodgrains	105.4	106.5	100.6	114.3	119.5	119.4	123.3	116.4
Groundnut	125.0	97.6	73.9	112.5	94.8	63.9	132.2	89.3

Contd...

Table 6.2 (Contd.)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Castor	112.6	125.2	107.9	144.3	245.3	209.9	184.5	185.3
Niger	97.1	103.7	88.6	95.5	87.0	89.4	86.7	64.4
Sesamum	112.6	95.3	87.5	132.9	120.6	101.9	106.3	120.7
R & M	81.8	100.9	92.6	114.6	92.6	112.5	110.4	88.4
Linseed	97.3	100.8	91.5	87.3	90.8	88.5	84.4	90.9
Safflower	97.1	81.9	77.4	65.1	62.9	46.9	49.1	41.7
Sunflower	106.3	84.1	61.8	47.3	37.5	39.5	36.6	30.1
Soyabean	117.1	105.8	106.4	136.0	130.4	156.6	126.7	112.4
Total Oilseeds	108.6	100.8	88.9	116.8	106.5	107.4	119.0	95.9
Sugarcane	106.1	86.8	89.0	104.3	110.0	103.9	107.3	109.5
Cotton	115.9	99.7	107.5	147.7	157.6	153.2	160.7	158.8
Jute	100.5	94.7	110.4	98.4	105.6	101.7	109.0	107.5
Mesta	105.5	77.9	62.5	65.1	70.6	62.8	64.6	54.9
Coconut	97.4	97.5	104.0	104.1	143.5	149.9	143.2	150.8
Cotton seed	115.9	99.7	107.5	147.7	157.6	153.2	160.7	158.8
Sannhamp	98.8	143.5	125.6	172.7	132.2	100.7	96.4	96.4
Potato	114.6	138.4	147.2	170.4	166.9	182.5	167.2	180.6
Tapioca	105.6	116.5	97.6	97.8	105.9	87.6	98.6	103.4
Sweet potato	98.8	117.4	114.8	109.8	112.5	118.7	114.1	140.3
Onion	102.7	152.4	136.6	169.8	196.7	188.9	218.0	212.6

Contd...

Table 6.2 (Contd.)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Banana	114.2	169.7	171.3	192.7	184.1	171.5	192.4	194.2
Tobacco	93.0	115.1	141.6	170.5	159.9	139.8	156.4	156.4
Guar seed	133.6	144.6	44.4	146.8	166.0	183.6	268.0	268.0
Black pepper	67.6	68.0	73.2	74.6	58.9	76.1	73.2	73.2
Dry chillies	109.5	107.2	101.5	103.2	107.7	110.1	125.9	125.9
Dry ginger	98.3	97.7	99.0	180.4	194.3	175.5	168.4	168.4
Turmeric	98.0	101.3	97.8	122.4	143.9	119.7	146.7	146.7
Areca nut	100.0	100.6	100.0	100.0	142.4	127.4	130.1	130.3
Cardamom	85.7	99.1	102.3	102.3	102.3	115.1	134.3	134.3
Coriander	121.2	94.8	92.8	188.7	208.7	205.2	122.9	122.9
Garlic	131.2	102.1	102.4	129.9	150.8	154.6	153.8	153.8
Tea	95.9	98.8	100.7	98.2	112.8	116.8	124.4	124.4
Coffee	95.4	95.5	105.4	110.0	114.3	115.8	110.9	115.8
Rubber	99.8	104.5	100.5	104.2	109.3	110.5	93.6	93.6
Non Foodgrains	108.6	107.5	104.9	128.0	131.2	129.2	136.1	131.5
All Crops	107.0	107.0	102.7	121.0	125.3	124.2	129.6	123.9

Source: Directorate of Economics & Statistics, DAC&FW

Table 6.3: All India Index Numbers of Yield of Principal Crops

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Rice	102.6	101.5	99.1	104.4	111.5	114.7	112.6	111.4
Wheat	103.4	107.2	104.7	110.2	117.2	114.9	116.0	105.9
Jowar	112.0	105.5	94.3	104.1	105.0	93.2	104.9	104.5
Bajra	114.5	111.6	80.3	118.6	128.7	131.7	130.2	139.8
Maize	113.0	116.8	97.9	122.9	119.9	124.2	129.5	123.8
Ragi	106.9	101.7	102.6	117.5	113.0	96.1	114.4	114.5
Small Millets	109.9	101.9	95.3	114.6	117.2	119.8	130.6	132.8
Barley	99.6	120.1	109.0	118.3	126.2	126.5	136.4	116.6
Coarse Cereals	112.3	112.4	93.8	117.5	119.1	118.6	125.0	123.1
Cereals	104.5	105.7	100.7	109.1	115.3	115.4	116.0	110.5
Tur	110.4	89.7	95.1	87.6	88.6	103.8	108.7	100.2
Gram	94.7	111.1	113.7	111.2	115.3	128.7	119.2	108.7
Moong	114.3	101.8	63.1	143.6	135.0	122.1	132.8	138.3
Urad	101.1	97.4	92.4	119.9	121.5	137.6	122.8	126.3
Lentil	99.6	111.1	111.7	94.7	108.6	127.7	121.6	146.6
Other Pulses	108.9	111.0	89.5	124.2	119.8	130.8	130.4	157.2
Total Pulses	102.7	104.9	100.1	111.1	112.8	124.6	120.2	119.5
Foodgrains	104.2	105.5	100.6	109.5	114.8	117.0	116.8	112.1

Contd...

(I.E. : 2007-08=100)

Table 6.3 (Contd.)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Groundnut	123.5	98.4	83.8	119.4	111.9	84.1	149.3	118.4
Castor	108.7	109.8	111.5	124.6	126.7	129.3	131.9	127.4
Niger	102.5	113.5	101.5	110.8	102.7	123.9	124.9	118.3
Sesamum	109.0	91.7	78.5	111.1	110.4	104.1	110.3	118.2
R & M	93.1	106.3	109.9	110.2	104.1	117.3	110.2	101.2
Linseed	93.0	110.4	119.6	108.6	125.8	133.5	128.7	143.4
Safflower	107.3	98.4	95.1	94.5	88.9	90.6	97.7	70.1
Sunflower	118.9	99.2	89.5	108.9	109.7	101.8	116.6	116.9
Soyabean	109.5	92.4	90.8	117.7	107.2	120.0	89.8	84.2
Total Oilseeds	110.3	99.0	93.8	115.7	109.3	110.1	114.3	101.5
Sugarcane	100.8	94.4	102.4	102.5	104.8	99.8	103.2	102.2
Cotton	111.7	96.2	96.4	119.4	117.5	116.1	122.0	110.2
Jute	97.4	95.1	107.4	100.4	103.0	103.3	113.7	113.2
Mesta	102.5	96.0	94.3	93.8	104.9	104.0	112.6	131.7
Coconut	98.8	98.8	105.8	105.9	133.6	135.3	129.1	147.0
Cotton seed	111.7	96.2	96.4	119.4	117.5	116.1	122.0	110.2
Sannhamp	101.4	183.0	168.2	201.6	205.5	189.3	196.3	196.3
Potato	109.1	112.0	118.7	135.3	129.5	135.5	125.4	129.7
Tapioca	104.5	104.4	105.5	111.0	117.0	106.2	108.4	102.5
Sweet potato	99.3	100.6	102.7	103.4	108.9	112.8	114.6	134.6

(Contd.)

Table 6.3 (Contd.)

Crops	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Onion	100.5	125.9	124.6	110.0	124.8	123.8	124.8	124.1
Banana	102.5	114.3	106.3	110.9	110.4	105.6	114.4	105.4
Tobacco	97.0	107.0	116.1	126.3	124.6	119.1	124.6	124.6
Guar seed	125.3	121.9	48.3	141.4	156.7	116.1	146.4	146.4
Black pepper	80.4	66.8	87.5	95.1	69.0	142.7	138.4	138.4
Dry chillies	100.7	101.9	98.1	96.6	99.1	102.7	120.4	120.4
Dry ginger	101.0	96.2	98.0	129.5	134.1	138.0	135.4	135.4
Turmeric	97.9	98.0	94.7	110.1	115.2	108.2	110.4	110.4
Areca nut	99.1	99.7	95.8	95.8	117.7	109.5	110.3	110.5
Cardamom	96.3	99.1	104.5	108.1	105.7	115.1	132.8	132.8
Coriander	109.9	83.2	89.8	124.1	130.3	131.7	95.8	95.8
Garlic	106.4	102.2	103.3	107.6	103.7	103.7	110.8	110.8
Tea	97.7	100.6	102.5	100.0	114.9	119.0	126.7	126.7
Coffee	84.3	83.1	90.5	93.2	95.7	95.7	90.7	95.7
Rubber	96.8	97.3	90.2	90.2	91.6	89.9	74.1	74.1
Non Foodgrains	105.2	101.4	100.6	112.2	112.6	111.2	114.0	109.2
All Crops	104.7	103.4	100.6	110.9	113.7	114.0	115.4	110.6

Source: Directorate of Economics & Statistics, DAC&FW

Table 6.4(a): Index of 'Terms of Trade between Farmers and Non-Farmers
(Base: Triennium Ending 2011-12=100)

Year	Index of Prices Received (IPR)	Index of Price Paid (IPP) for			Combined Index (IPP)	Index of 'Terms of Trade (ITI)
		Final Consumption (IPP-FC)	Intermediate Consumption (IPP-IC)	Capital Formation (IPP-CF)		
Weight	100.00	38.19	43.44	18.37	100.00	(Col-2/(6*100))
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2004-05	62.35	80.09	62.12	73.06	70.99	87.82
2005-06	61.40	80.25	64.60	74.53	72.40	84.80
2006-07	63.97	77.62	67.75	78.37	73.47	87.06
2007-08	72.06	82.85	71.52	84.11	78.16	92.20
2008-09	82.06	85.63	74.72	92.10	82.08	99.98
2009-10	90.89	91.70	89.09	92.71	90.75	100.15
2010-11	101.29	97.31	98.94	99.33	98.39	102.95
2011-12	107.82	110.98	111.98	107.96	110.86	97.26
2012-13	119.49	119.99	128.36	115.21	122.75	97.34
2013-14	131.67	128.36	145.19	117.84	133.74	98.46
2014-15(P)	138.00	132.42	157.54	122.70	141.55	97.49

Source: Directorate of Economics & Statistics, DAC&FW

Table 6.4(b) : Index of Terms of Trade between Agriculture and Non-Agricultural sectors
(Base: Triennium Ending 2011-12=100)

Year	Index of Prices Received for			Index of Prices Paid for Final Consumption for			Index of Prices Paid for			Combined Index for Prices Paid (IPP)	Index of Terms of Trade (ITT)
	Farmers	Agricultural Labourers	Index of Prices Received (IPR)	Farmers	Agricultural Labourers	Combined Index for Final Consumption (IPP-FC)	Intermediate Consumption (IPP-IC)	Capital Formation (IPP-CF)			
Weight	94.04	5.96	100.00	71.35	28.65	55.38	25.62	19.00	100.00	Col-4/10*100	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
2004-05	62.35	49.07	61.56	80.09	76.40	79.03	69.58	73.06	75.48	81.56	
2005-06	61.40	55.22	61.03	80.25	77.01	79.32	71.69	74.53	76.46	79.82	
2006-07	63.97	58.29	63.63	77.62	75.05	76.88	75.55	78.37	76.82	82.82	
2007-08	72.06	61.83	71.45	82.85	82.10	82.63	80.51	84.11	82.37	86.74	
2008-09	82.06	76.28	81.72	85.63	84.55	85.32	87.09	92.10	87.06	93.86	
2009-10	90.89	85.61	90.57	91.70	91.40	91.62	92.67	92.71	92.10	98.35	
2010-11	101.29	98.17	101.10	97.31	97.47	97.36	99.42	99.33	98.26	102.89	
2011-12	107.82	116.22	108.32	110.98	111.14	111.03	107.91	107.96	109.64	98.79	
2012-13	119.49	133.83	120.34	119.99	118.76	119.64	121.44	115.21	119.26	100.91	
2013-14	131.67	151.40	132.85	128.36	129.25	128.62	132.30	117.84	127.51	104.19	
2014-15(P)	138.00	179.32	140.46	132.42	133.48	132.72	136.43	122.70	131.77	106.59	

Source: Directorate of Economics & Statistics, DAC&FW

7

Area, Production and Yield of Major Crops in Different Countries

Table 7.1: Area, Production and Yield of Principal Crops in various Countries during 2013

Country	Area	Production	Yield	Area - "000" Hectares
				Production - "000" Tonnes
				Yield - Kg/Hectare
(1)	(2)	(3)	(4)	(5)
1. Paddy				
World	165163	740903	4486	100.00
China	30582	205207	6710	27.70
India	43940	159200	3623	21.49
Indonesia	13835	71280	5152	9.62
Bangladesh	11770	51500	4376	6.95
Viet Nam	7903	44039	5573	5.94
Thailand	12373	36063	2915	4.87
Myanmar	7500	28767	3836	3.88
Philippines	4746	18439	3885	2.49
Brazil	2353	11783	5007	1.59
Japan	1599	10758	6728	1.45
2. Wheat				
World	219047	715909	3268	100.00
China	24119	121931	5055	17.03
India	29650	93510	3154	13.06
USA	18274	57967	3172	8.10
France	5323	38614	7254	5.39
Canada	10442	37530	3594	5.24
Germany	3128	25019	7998	3.49
Pakistan	8687	24211	2787	3.38
Oceania	13029	23303	1789	3.26
Australia	12979	22856	1761	3.19
Ukraine	6566	22793	3471	3.18
3. Maize				
World	185121	1018112	5500	100.00
USA	35478	353699	9970	34.74
China	36339	218624	6016	21.47
Brazil	15280	80273	5254	7.88
Argentina	4864	32119	6604	3.15
Ukraine	4827	30950	6412	3.04
India	9500	23290	2452	2.29
Mexico	7096	22664	3194	2.23
Indonesia	3822	18512	4844	1.82
France	1850	15053	8137	1.48
Canada	1480	14194	9591	1.39

Contd...

Table 7.1 (Contd.)

Country	Area	Production	Yield	Production (%)
(1)	(2)	(3)	(4)	(5)
4. Sugarcane				
World	26943	1911180	70935	100.00
Brazil	10195	768090	75339	40.19
India	5060	341200	67431	17.85
China	1825	128851	70588	6.74
Thailand	1322	100096	75738	5.24
Pakistan	1129	63750	56476	3.34
Mexico	783	61182	78158	3.20
Colombia	406	34876	85958	1.82
Indonesia	450	33700	74889	1.76
Philippines	435	31874	73205	1.67
Oceania	381	29085	76263	1.52
5. Groundnut (in shell)				
World	25418	45654	1796	100.00
China	4652	17019	3659	37.28
India	5250	9472	1804	20.75
Nigeria	2360	3000	1271	6.57
USA	421	1893	4496	4.15
Sudan (former)	2162	1767	817	3.87
Myanmar	890	1375	1545	3.01
Indonesia	519	1340	2582	2.94
Argentina	404	1026	2539	2.25
United Republic of Tanzania	740	785	1061	1.72
Senegal	770	710	922	1.55
6. Tobacco Unmanufactured				
World	4238	740903	174817	100.00
China	1528	230114	150637	31.06
Brazil	405	138760	342405	18.73
India	490	113479	231590	15.32
USA	136	24588	180700	3.32
Indonesia	270	18439	68244	2.49
Zimbabwe	115	9390	81652	1.27
Malawi	120	8613	71673	1.16
Argentina	59	8613	145398	1.16
Pakistan	50	7039	140779	0.95
Turkey	136	6798	49901	0.92

Source: FAOSTAT (as on 29.07.2015).

Table 7.2 : India's Position in World Agriculture in 2013

Item	India (2)	World (3)	% Share (4)	India's Rank (5)	Next to (6)
1. Total Area (Million Hectares)	329	13467	2.4	Seventh	Russian Federation, Canada, USA, China, Brazil, Australia
Land Area	297	13009	2.3	Seventh	Russian Federation, China, USA, Canada, Brazil, Australia
Arable Land	156	1396	11.2	Second	USA
2. Population (Million)					
Total	1252	7162	17.5	Second	China
Rural	852	3357	25.4	First	
3. Economically Active Population (Million)					
Total	516	3434	15.0	Second	China
Agriculture	274	1330	20.6	Second	China
4. Crop Production (Million Tonnes)					
(A) Total Cereals	294	2780	10.6	Third	China, USA
Wheat	94	716	13.1	Second	China
Rice (Paddy)	159	741	21.5	Second	China
(B) Total Pulses	18	73	24.7	First	
(C) Oilseeds					
Groundnut (in shell)	9	46	19.6	Second	China
Rapeseed	8	73	10.7	Third	Canada, China
(D) Commercial Crops					
Sugarcane	341	1911	17.8	Second	Brazil
Tea	1.21	5.35	22.6	Second	China

Contd...

Table 7.2 (Contd.)

Item	India	World	% Share	India's Rank	Next to
(1)	(2)	(3)	(4)	(5)	(6)
Coffee (green)	0.32	8.92	3.6	Fifth	Brazil, Vietnam, Indonesia, Colombia
Jute & Jute like Fibres	2.05	3.68	55.7	First	
Cotton (lint)	6.05	24.54	24.7	Second	China
Tobacco Unmanufactured	0.83	7.44	11.2	Third	China, Brazil
5. Fruits & Vegetables (Million Tonnes)					
(A) Vegetables & Melons	121	1136	10.7	Second	China
(B) Fruits excluding Melons	83	677	12.2	Second	China
(C) Potatoes	45	376	12.0	Second	China
(D) Onion (Dry)	19	86	22.1	Second	China
6. Livestock (Million Heads)					
(A) Cattle	189	1468	12.9	Second	Brazil
(B) Buffaloes	109	194	56.1	First	
(C) Camels	0.38	27	1.4	Eleventh	Somalia, Sudan, Kenya, Niger, Chad, Mauritania, Pakistan, Mali, Ethiopia, Yemen
(D) Sheep	69	1163	5.9	Third	China, Australia
(E) Goats	134	976	13.7	Second	China
(F) Chicken	709	20387	3.5	Sixth	China, USA, Indonesia, Brazil, Iran
7. Animal Products (000 MT)					
(A) Milk Total	135600	746708	18.2	First	
(B) Eggs Total	3835	68262	5.6	Third	China, USA
(C) Meat Total	6215	310380	2.0	Sixth	China, USA, Brazil, Russian Federation, Germany USA

Source: FAOSTAT (as on 07.08.2015)

8

Minimum Support Prices/ Marketed
Surplus Ratios

8.1 Minimum Support Prices of various Agricultural Commodities (According to Crop Year)

(As on 12.11.2015)
(₹ per quintal)

Sl. No.	Commodity	Variety	2011-12	2012-13	2013-14	2014-15	2015-16
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Kharif Crops							
1	Paddy	Common Grade 'A'	1080	1250	1310	1360	1410
			1110	1280	1345	1400	1450
2	Jowar	Hybrid	980	1500	1500	1530	1570
		Malandi	1000	1520	1520	1550	1590
3	Bajra		980	1175	1250	1250	1275
4	Maize		980	1175	1310	1310	1325
5	Ragi		1050	1500	1500	1550	1650
6	Arhar(Tur)		3200 [¶]	3850	4300	4350	4425 [^]
7	Moong		3500 [¶]	4400	4500	4600	4650 [^]
8	Urad		3300 [¶]	4300	4300	4350	4425 [^]
9	Cotton	Medium Staple	2800 ^a	3600	3700	3750	3800
		Long Staple	3300 ^{aa}	3900	4000	4050	4100
10	Groundnut In Shell		2700	3700	4000	4000	4030
11	Sunflower Seed		2800	3700	3700	3750	3800
12	Soyabean	Black	1650	2200	2500	2500	-
		Yellow	1690	2240	2560	2560	2600 ^{\$\$}
13	Sesamum		3400	4200	4500	4600	4700
14	Nigerseed		2900	3500	3500	3600	3650

Contd...

Table 8.1 (Contd.)

Sl. No.	Commodity	Variety	2011-12	2012-13	2013-14	2014-15	2015-16
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rabi Crops							
15	Wheat		1285	1350	1400	1450	1525
16	Barley		980	980	1100	1150	1225
17	Gram		2800	3000	3100	3175	3425**
18	Masur (Lentil)		2800	2900	2950	3075	3325**
19	Rapeseed/Mustard		2500	3000	3050	3100	3350
20	Safflower		2500	2800	3000	3050	3300
21	Toria		2425	2970	3020	3020	
Other Crops							
22	Copra (Calendar Year)	Milling Ball	4525 4775	5100 5350	5250 5500	5250 5500	5550 5830
23	De-Husked Coconut (Calendar Year)		1200	1400	1425	1425	1500
24	Jute		1675	2200	2300	2400	2700
25	Sugarcane*		145.00	170.00	210.00	220.00	230.00

Source: Directorate of Economics & Statistics, DAC & FW

Figures in brackets indicate percentage increase.

* Fair and remunerative price.

¶ Additional incentive at the rate of Rs. 500 per quintal of tur, urad and moong sold to procurement agencies was payable during the harvest/arrival period of two months was payable during the harvest/arrival period of two months.

^a Staple length (mm) of 24.5 - 25.5 and Micronaire value of 4.3 - 5.1

^{aa} Staple length (mm) of 29.5 - 30.5 and Micronaire value of 3.5 - 4.3

^ Bonus of Rs. 200 per quintal is payable over and above the Minimum Support Price .

\$\$ Single Minimum Support Price has been fixed irrespective of the variety.

** Bonus of Rs. 75 per quintal is payable over and above the Minimum Support Price .

Table 8.2: Central Issue Prices of Rice, Wheat and Coarse grains

Period	(₹ Per Quintal)			
	APL		BPL	AAV (*)
	Common*	Grade "A"	Common/	Grade "A"
(1)	(2)	(3)	(4)	(5)
Rice				
01.12.1997 to 28.01.1999	550	700	350	
29.01.1999 to 31.3.2000	700	905	350	
01.04.2000 to 24.7.2000	1135	1180	590	
25.07.2000 to 11.07.2001	1087	1130	565	300
12.07.2001 to 31.03.2002	795	830	565	300
01.04.2002 to 30.06.2002	695	730	565	300
01.07.2002 to Till date	795	830	565	300
Wheat				
	APL		BPL	AAV (*)
01.12.1997 to 28.01.1999	450		250	
29.01.1999 to 31.03.1999	650		250	
01.04.1999 to 31.03.2000	682		250	
01.04.2000 to 24.07.2000	900		450	
25.07.2000 to 11.07.2001	830		415	200
12.07.2001 to 31.03.2002	610		415	200
01.04.2002 to 30.06.2002	510		415	200
01.07.2002 to till date	610		415	200
Coarse Grains (₹ Per Kg.)				
	APL		BPL	AAV(*)
w.e.f. 16.11.2005	70% of economic cost		50% of economic cost	2.00
2008-09 to till date	4.50		3.00	1.50

Source: Department of Food & Public Distribution

* Applicable only to J & K, H.P, North Eastern States, Sikkim and Jharkhand

(*) With effect from December, 2000.

Table 8.3: Cost Estimates of Principal Crops-2012-13

Crop	State	Cost of Cultivation (₹ / Hectare)		Cost of Production (₹ / Quintal)	Yield (Qtl./Ha.)
		A2+FL	C2	C2	
(1)	(2)	(3)	(4)	(5)	(6)
I. Foodgrains : Cereals					
Paddy	Andhra Pradesh	42669.85	68149.69	1135.01	56.96
	Assam	26800.39	34704.14	1019.63	31.41
	Bihar	23771.24	30647.28	1081.16	24.26
	Chhattisgarh	22802.35	34687.88	962.25	33.20
	Gujarat	34263.06	44887.06	1299.64	27.89
	Haryana	36706.63	59230.60	1248.26	46.86
	Himachal Pradesh	18151.47	25265.42	977.97	18.32
	Jharkhand	21824.21	28908.49	1470.53	15.81
	Karnataka	43324.00	62449.45	1287.87	43.68
	Kerala	44413.19	61404.39	1290.70	43.63
	Madhya Pradesh	23102.10	36466.08	1041.35	32.19
	Maharashtra	40162.17	52622.77	1353.73	33.28
	Odisha	31723.25	43661.65	1148.11	33.74
	Punjab	37103.96	64743.24	944.70	67.97
	Tamil Nadu	51157.05	65991.02	1255.27	48.95
	Uttar Pradesh	29436.98	43567.86	1018.13	40.99
	Uttarakhand	36518.69	44231.27	1239.35	33.36
	West Bengal	42770.22	55982.79	1236.05	39.50
Wheat	Bihar	21692.90	29583.67	862.77	26.64
	Chhattisgarh	17475.60	25891.43	1437.88	15.49
	Gujarat	29119.91	40173.07	1252.14	29.09
	Haryana	31895.91	53710.82	1040.78	41.41
	Himachal Pradesh	17047.97	25881.24	1434.29	13.57
	Jharkhand	20630.86	26752.09	976.89	22.96
	Madhya Pradesh	20973.23	37119.94	958.95	33.42
	Maharashtra	33191.10	44753.05	1605.32	26.93
	Punjab	26559.35	49070.38	972.25	45.89
	Rajasthan	30345.62	46569.10	913.28	41.57
Maize	Uttar Pradesh	28062.10	43698.35	1042.66	34.43
	Uttarakhand	25698.59	36049.61	963.45	29.09
	West Bengal	32023.18	42265.79	1372.46	29.02
	Andhra Pradesh	34990.18	54618.27	1089.54	47.66
	Bihar	22315.92	29272.42	782.18	32.03
	Chhattisgarh	16509.41	22784.15	1078.31	18.84

(Contd.)

Table 8.3 (Contd.)

Crop	State	Cost of Cultivation (₹ / Hectare)		Cost of Production (₹ / Quintal)	Yield (Qtl./Ha.)
		A2+FL	C2	C2	
(1)	(2)	(3)	(4)	(5)	(6)
Jowar	Gujarat	27363.65	34388.14	1439.99	15.81
	Himachal Pradesh	17293.80	23802.89	1363.20	13.04
	Karnataka	26681.99	37983.20	1249.37	28.06
	Madhya Pradesh	19154.24	28675.52	971.57	25.91
	Rajasthan	29439.66	37008.69	1271.73	23.46
	Tamil Nadu	48514.15	65043.54	1189.00	53.00
	Uttar Pradesh	21750.82	31987.34	1453.77	18.64
	Andhra Pradesh	21895.80	32183.89	1392.23	19.56
	Karnataka	13491.81	18429.00	2007.08	7.82
	Madhya Pradesh	14425.54	20141.20	1254.54	13.74
Bajra	Maharashtra	26085.14	35737.68	2426.25	9.02
	Tamil Nadu	14652.72	21895.35	1556.65	5.43
	Gujarat	25204.78	34387.16	955.10	25.57
	Haryana	20365.35	30450.30	1416.09	17.63
	Karnataka	12564.21	15669.20	1696.12	8.32
	Maharashtra	21978.39	30786.45	1403.87	16.41
Barley	Rajasthan	13722.93	17937.22	1275.15	8.39
	Tamil Nadu	20165.70	29781.63	1114.75	24.10
	Uttar Pradesh	16242.67	25507.81	911.61	22.08
	Rajasthan	29318.83	44253.54	871.13	38.35
	Uttar Pradesh	26344.30	40535.52	1099.40	30.25
Ragi	Andhra Pradesh	29634.33	35543.74	2469.40	9.12
	Karnataka	27245.84	35938.20	2634.02	11.78
	Maharashtra	26769.77	32901.23	1521.86	20.78
	Tamil Nadu	32639.22	44123.82	1137.34	36.40
	Uttarakhand	34588.80	39426.06	1861.13	19.80
II. Pulses					
Arhar	Andhra Pradesh	24171.38	34541.06	4483.16	7.26
	Bihar	9029.63	16056.15	1745.23	8.00
	Gujarat	19523.93	25431.37	3746.87	6.35
	Karnataka	15564.25	27012.41	2785.02	9.04
	Madhya Pradesh	19493.77	28125.65	3101.50	8.76
	Maharashtra	41968.04	58795.49	3101.81	18.35
	Odisha	11874.83	16814.53	4314.35	3.74
	Uttar Pradesh	25324.93	42500.53	4104.70	8.78
Gram	Andhra Pradesh	21975.88	37350.47	2971.11	12.26
	Bihar	14983.91	21745.62	3440.76	6.04

(Contd.)

Table 8.3 (Contd.)

Crop	State	Cost of Cultivation (₹ / Hectare)		Cost of Production (₹ / Quintal)	Yield (Qtl./Ha.)
		A2+FL	C2	C2	
(1)	(2)	(3)	(4)	(5)	(6)
Urad	Chhattisgarh	17397.02	25693.23	2541.49	9.75
	Haryana	15790.19	29328.78	2755.18	9.53
	Karnataka	17266.84	23948.02	3803.99	6.07
	Madhya Pradesh	19629.37	31604.71	2713.07	11.14
	Maharashtra	25153.54	34969.70	2964.75	11.47
	Rajasthan	17168.68	25768.76	2392.52	9.93
	Uttar Pradesh	19541.68	30678.58	3041.91	9.72
	Andhra Pradesh	18490.69	31845.58	3028.73	10.43
	Chhattisgarh	12096.36	19582.44	1884.02	10.16
	Madhya Pradesh	12755.20	20158.02	2287.45	8.47
	Maharashtra	23723.74	28196.03	4412.66	6.27
	Odisha	10337.03	13917.74	4548.12	2.95
	Rajasthan	19754.07	25242.66	3235.99	6.99
	Tamil Nadu	17612.11	22721.21	5224.31	4.24
Moong	Uttar Pradesh	12359.13	16340.69	4172.74	3.81
	Andhra Pradesh	13694.73	20890.82	4607.75	4.52
	Karnataka	12191.27	16686.59	4375.04	3.57
	Maharashtra	26991.01	35204.77	4761.73	7.29
	Odisha	10967.69	15277.87	4855.53	3.04
	Rajasthan	14298.75	18252.97	5638.58	2.87
Lentil	Tamil Nadu	16621.73	20852.19	4682.33	4.41
	Bihar	11820.13	20509.40	2660.07	7.33
	Madhya Pradesh	12618.34	22439.21	2320.21	9.28
	Uttar Pradesh	16152.69	26928.14	2481.59	10.30
	West Bengal	20965.99	30408.69	2679.64	11.03
III. Oilseeds					
Groundnut	Andhra Pradesh	49003.18	81695.27	3665.66	21.20
	Gujarat	38139.75	48014.65	4904.58	8.24
	Karnataka	30943.87	41083.08	5396.57	6.86
	Maharashtra	45613.01	63610.79	3022.92	20.20
	Odisha	34471.05	50958.88	4041.87	12.25
	Tamil Nadu	49209.47	60949.53	3892.73	14.82
R & M	Assam	20016.97	25683.06	3325.94	7.72
	Bihar	19440.65	26639.72	2291.24	10.79

(Contd.)

Table 8.3 (Contd.)

Crop	State	Cost of Cultivation (₹ / Hectare)		Cost of Production (₹ / Quintal)	Yield (Qtl./Ha.)
		A2+FL	C2	C2	
(1)	(2)	(3)	(4)	(5)	(6)
	Gujarat	20310.55	30352.12	2040.49	14.48
	Haryana	23057.07	45129.34	2688.87	15.59
	Madhya Pradesh	16618.33	32520.57	1971.82	15.71
	Rajasthan	20205.85	31256.29	2356.58	12.63
	Uttar Pradesh	21030.03	35731.08	2567.39	13.23
	West Bengal	26535.23	37829.63	2828.50	13.00
Soyabean	Chhattisgarh	14352.85	20439.99	2495.95	7.84
	Madhya Pradesh	19021.75	30941.30	2104.98	14.06
	Maharashtra	29480.10	40625.07	2336.84	17.01
	Rajasthan	17273.89	26172.15	1911.85	13.04
Sunflower	Andhra Pradesh	28381.95	39065.50	4004.39	9.73
	Karnataka	14220.58	19474.24	3493.49	5.50
	Maharashtra	24058.95	32968.44	2686.30	12.01
Safflower	Maharashtra	15176.87	21108.12	2073.49	10.00
Nigerseed	Odisha	11395.01	16731.36	3177.04	5.22
Sesamum	Andhra Pradesh	13041.40	19375.60	6349.80	3.05
	Gujarat	16057.56	21722.09	5485.26	3.91
	Madhya Pradesh	12877.97	23789.89	4122.06	5.63
	Odisha	9134.34	12859.94	5051.12	2.48
	Rajasthan	10713.77	14718.32	6446.78	2.21
	Tamil Nadu	22132.91	30317.96	6134.76	4.89
	West Bengal	21794.57	28384.74	3327.46	8.28
Peas	Uttar Pradesh	26560.91	37032.23	2802.04	12.66
Sugarcane	Andhra Pradesh	61322.72	91844.17	160.62	571.81
	Haryana	55523.63	108135.70	181.25	575.50
	Karnataka	54027.16	96254.48	129.48	725.79
	Maharashtra	113941.55	165962.40	151.64	1046.62
	Tamil Nadu	123842.79	157599.80	149.54	1038.07
	Uttar Pradesh	51047.90	88650.30	158.21	536.28
	Uttarakhand	42323.03	67602.06	127.61	503.64
	Andhra Pradesh	50948.24	70609.51	4088.93	17.27
Cotton	Gujarat	41873.40	54769.45	4346.97	12.37
	Haryana	43798.59	67129.55	3795.99	16.87
	Karnataka	30017.63	44434.84	3575.13	12.19
	Madhya Pradesh	24778.36	41431.84	2641.99	14.95
	Maharashtra	54030.37	71079.73	4120.27	16.91

(Contd.)

Table 8.3 (Contd.)

Crop	State	Cost of Cultivation (₹ / Hectare)		Cost of Production (₹ / Quintal)	Yield (Qtl./Ha.)
		A2+FL	C2	C2	
(1)	(2)	(3)	(4)	(5)	(6)
	Odisha	34666.44	47892.63	4065.86	11.56
	Punjab	46363.91	73475.32	3744.83	18.59
	Rajasthan	39615.01	57655.99	2696.69	20.31
	Tamil Nadu	56281.42	72920.55	4493.82	16.19
Jute	Assam	49123.46	62695.97	2585.87	22.39
	Odisha	43873.43	55289.55	2530.53	20.26
	West Bengal	41737.62	58782.85	2089.83	24.71
Onion	Andhra Pradesh	48351.28	77536.38	630.02	122.77
	Gujarat	80561.46	103962.50	692.47	149.31
	Karnataka	21775.91	40923.88	962.04	42.40
	Maharashtra	73872.62	118792.30	485.86	242.33
Potato	Bihar	42227.75	49850.43	405.69	122.88
	Himachal Pradesh	44002.59	59498.13	1237.17	48.09
	Uttar Pradesh	58251.27	76262.22	492.52	154.84
	West Bengal	105525.36	133944.60	469.13	285.52

Source: Directorate of Economics & Statistics, DAC&FW

Note: 1. Cost A2 includes all actual expenses in cash and kind incurred in production by owner and rent paid for leased in land.

2. Cost C2 includes all actual expenses in cash and kind incurred in production by owner, interest on value of owned fixed capital assets (including land), rental value of owned land (net of land revenue), rent paid for leased in land and imputed value of fixed capital assets.

3. FL: Family Labour, is imputed on the basis of statutory wage rate or the actual market rate whichever is higher.

Table 8.4: Marketed Surplus Ratio (MSR) of Important Agricultural Commodities in various States (Based on Comprehensive Scheme for Studying Cost of Cultivation of Principal Crops in India)

Group of Crops	State	MSR				
		2009-10	2010-11	2011-12	2012-13	2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)
I. Foodgrains : Cereals						
1. Rice	Andhra Pradesh	88.40	91.06	83.07	87.86	89.11
	Assam	45.14	38.54	40.16	50.91	50.78
	Bihar	83.57	77.50	78.90	82.49	81.79
	Haryana	94.63	97.09	98.57	93.47	93.87
	Karnataka	91.45	94.56	84.02	84.15	87.48
	Kerala	86.97	87.80	77.30	86.15	93.52
	Madhya Pradesh	73.12	73.77	83.99	87.91	90.77
	Odisha	65.33	67.43	59.34	73.96	70.37
	Punjab	99.57	99.70	99.36	99.48	97.02
	Tamil Nadu	88.76	90.70	92.45	91.08	91.58
2. Wheat	Uttar Pradesh	75.62	76.20	80.18	83.11	85.37
	West Bengal	67.33	67.72	54.73	67.48	68.02
	All-India	79.74	80.65	77.20	81.51	82.00
	Bihar	70.20	74.58	78.03	81.30	80.47
	Gujarat	88.90	87.77	80.44	84.24	88.29
	Haryana	88.43	83.54	80.81	83.98	70.14
	Himachal Pradesh	46.09	39.48	48.68	58.30	52.61
	Madhya Pradesh	83.87	73.77	84.01	80.55	85.66
	Punjab	86.65	86.74	87.36	87.83	87.31
	Rajasthan	66.98	44.41	56.00	67.76	30.81
	Uttar Pradesh	55.46	66.99	52.32	70.15	69.64
	All-India	72.32	73.20	70.00	77.49	73.11

(Contd.)

Table 8.4 (Contd.)

3. Maize	Andhra Pradesh	99.63	90.81	96.01	90.71	100.00
	Bihar	81.77	87.19	81.32	89.77	83.50
	Himachal Pradesh	57.35	48.19	55.24	55.85	52.38
	Karnataka	96.30	98.26	88.62	96.12	96.67
	Madhya Pradesh	59.86	77.02	88.45	92.58	90.26
	Rajasthan	74.83	67.77	54.66	50.00	52.05
	Uttar Pradesh	87.44	83.28	80.09	68.80	68.14
	All-India	86.75	86.00	83.32	84.32	86.98
	Andhra Pradesh	56.43	31.61	65.49	51.18	95.51
	Karnataka	94.58	76.88	46.37	58.52	73.97
4. Jowar	Madhya Pradesh	79.42	68.39	73.44	89.32	85.66
	Maharashtra	51.35	56.87	48.06	60.98	62.06
	Rajasthan	87.99	64.86	66.17	76.42	-
	All-India	65.00	62.03	53.46	64.14	65.25
	Gujarat	77.30	84.00	72.50	86.35	77.39
5. Bajra	Haryana	91.04	80.93	83.77	91.71	86.15
	Maharashtra	38.92	75.56	53.52	55.09	72.51
	Rajasthan	62.34	53.03	58.66	61.90	61.72
	Uttar Pradesh	80.97	81.60	81.67	83.79	77.68
	All-India	70.25	67.38	67.48	76.77	71.11
6. Barley	Rajasthan	83.81	86.08	79.25	85.00	87.53
	Uttar Pradesh	40.68	38.72	21.74	33.71	66.18
	All-India	67.91	73.81	59.78	67.39	80.63
	Andhra Pradesh	-	-	-	-	-
	Karnataka	37.18	25.73	53.25	29.53	44.11
7. Ragi	All-India	37.18	25.73	53.25	29.53	44.11

(Contd.)

Table 8.4 (Contd.)

Group of Crops	State	MSR				
		2009-10	2010-11	2011-12	2012-13	2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)
II. Pulses						
8. Arhar	Karnataka	89.67	87.15	89.16	96.34	97.81
	Madhya Pradesh	87.89	78.49	89.34	94.07	93.43
	Maharashtra	79.42	69.48	72.72	83.30	89.13
	Odisha	64.78	65.86	61.37	74.58	73.85
	Uttar Pradesh	34.29	65.40	95.10	67.24	53.54
9. Gram	All-India	76.54	73.82	81.45	84.33	86.99
	Bihar	69.98	77.27	56.93	68.06	77.97
	Madhya Pradesh	98.64	92.92	88.75	89.04	90.30
	Rajasthan	70.61	86.46	88.62	80.23	91.23
	Uttar Pradesh	82.46	56.83	66.38	61.91	80.59
10. Urad	All-India	89.50	86.68	85.25	83.67	89.58
	Andhra Pradesh	49.23	52.66	29.64	92.91	99.03
	Madhya Pradesh	88.39	89.79	88.43	98.05	93.09
	Maharashtra	27.14	7.03	70.97	-	56.02
	Odisha	73.03	76.04	64.36	70.55	70.06
11. Moong	Rajasthan	86.45	73.96	87.82	78.55	48.00
	Tamil Nadu	99.08	99.49	98.55	89.34	96.86
	Uttar Pradesh	86.45	89.43	82.43	83.44	61.90
	All-India	70.37	63.61	70.04	77.76	80.71
	Andhra Pradesh	87.89	96.20	88.08	93.54	100.00
	Maharashtra	91.69	87.55	81.29	85.26	87.50

(Contd.)

Table 8.4 (Contd.)

Group of Crops	State	MSR				
		2009-10	2010-11	2011-12	2012-13	2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)
12. Lentil	Odisha	61.96	69.60	65.59	73.88	79.34
	Rajasthan	81.28	76.16	91.59	83.57	94.27
	All-India	82.49	81.54	87.32	85.55	92.22
	Bihar	70.52	60.86	71.09	67.49	99.83
	Madhya Pradesh	93.57	98.27	89.55	96.00	95.48
13. Groundnut	Uttar Pradesh	73.80	78.01	93.29	92.11	78.43
	All-India	79.43	77.91	88.14	88.75	90.23
III. Oilseeds						
13. Groundnut	Andhra Pradesh	93.58	96.82	79.24	94.40	88.71
	Gujarat	97.52	95.91	95.97	99.81	98.45
	Karnataka	85.88	92.70	95.36	84.81	93.95
	Maharashtra	62.30	54.75	58.79	75.71	71.14
	Tamil Nadu	99.42	98.49	95.14	97.14	97.60
14. Rapeseed & Mustard	All-India	92.90	93.36	90.78	93.54	95.20
	Gujarat	91.27	96.07	98.87	95.40	99.92
	Haryana	94.77	99.44	79.48	93.64	97.52
	Madhya Pradesh	97.38	82.03	89.51	97.49	98.31
	Rajasthan	86.51	77.12	87.54	94.60	95.50
15. Soyabean	Uttar Pradesh	79.97	80.31	53.47	68.49	78.92
	West Bengal	65.85	87.40	67.71	71.26	92.56
	All-India	87.21	82.14	82.08	90.41	94.49
	Madhya Pradesh	95.87	95.69	94.41	95.32	90.91
	Maharashtra	80.12	-	-	-	100.00

(Contd.)

Table 8.4 (Contd.)

Group of Crops	State	MSR				
		2009-10	2010-11	2011-12	2012-13	2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)
16. Sunflower	All-India	91.84	95.69	94.41	95.32	95.23
	Andhra Pradesh	100.00	100.00	-	100.00	-
	Karnataka	99.03	99.12	100.00	98.76	99.29
	Maharashtra	100.00	100.00	91.23	100.00	-
17. Sesamum	All-India	99.57	99.58	65.62	99.18	65.42
	Gujarat	98.28	99.33	99.51	99.04	99.02
	Madhya Pradesh	90.49	92.75	92.93	96.77	96.52
	Odisha	70.95	70.90	89.91	-	-
	Rajasthan	98.16	68.49	88.02	80.06	82.86
18. Safflower	All-India	94.73	83.18	92.79	89.00	92.91
	Karnataka	73.11	55.12	-	-	-
	Maharashtra	-	-	-	-	-
	All-India	73.11	55.12	-	-	-
19. Nigarseed	Madhya Pradesh	91.77	60.61	-	-	-
	Odisha	86.13	97.33	94.67	97.67	-
	All-India	88.60	83.66	94.67	97.67	-
IV. Other Commercial Crops						
20. Sugarcane	Andhra Pradesh	99.91	99.92	-	99.91	-
	Haryana	-	-	100.00	100.00	64.00
	Karnataka	100.00	100.00	100.00	98.80	98.85
	Uttar Pradesh	85.71	85.71	85.71	85.71	-
	All-India	100.00	78.90	78.02	77.84	21.62

(Contd.)

Table 8.4 (Contd.)

Group of Crops	State	MSR				
		2009-10	2010-11	2011-12	2012-13	2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)
21. Cotton	Gujarat	98.57	99.88	99.33	99.68	95.79
	Haryana	86.74	99.40	96.88	99.05	98.96
	Karnataka	97.64	99.03	99.10	97.74	99.32
	Madhya Pradesh	99.82	100.00	100.00	99.96	100.00
	Rajasthan	79.12	100.00	89.56	99.01	100.00
	All-India	95.37	99.79	98.36	99.41	97.32
22. Jute	West Bengal	91.46	99.43	83.50	100.00	100.00
	All-India	57.63	99.43	83.50	100.00	100.00
V. Vegetables						
23. Onion	Karnataka	99.66	97.25	75.36	99.23	99.29
	All-India	99.66	97.25	75.36	99.23	99.29
24. Potato	Bihar	67.68	82.15	87.21	87.25	81.46
	Uttar Pradesh	86.95	83.66	77.37	95.93	99.19
	West Bengal	71.67	76.69	71.86	73.41	-
	All-India	76.34	81.04	77.40	86.17	61.35

Source: Directorate of Economics & Statistics, DAC&F-W

Note: All India figures are weighted average of States listed above.

- Not Reported

9

Procurement by Public Agencies

Table 9.1(a): State-wise Procurement of Rice and Wheat in Major Rice and Wheat Producing States (According to Marketing Year)

State	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Rice (Oct-Sept)												
Punjab	9106	8855	7829	7981	8554	9275	8634	7731	8558	8106	7786	8113
Haryana	1662	2054	1777	1574	1425	1819	1687	2007	2609	2406	2015	2754
Uttar Pradesh	2971	3151	2559	2891	4008	2901	2554	3355	2286	1127	1698	150
Andhra Pradesh	3906	4971	5328	7597	9058	7555	9609	7540	6464	3737	3587	-
Telangana	-	-	-	-	-	-	-	-	-	4353	3504	135
Madhya Pradesh	42	136	74	69	247	255	516	635	898	1045	807	-
Odisha	1590	1785	2002	2357	2801	2497	2465	2864	3613	2801	3487	-
Tamil Nadu	652	926	1077	969	1201	1241	1543	1596	481	684	1051	-
West Bengal	944	1275	642	1429	1743	1240	1310	2036	1766	1359	2031	-
Chhattisgarh	2837	3265	2865	2743	2848	3357	3746	4115	4804	4290	3423	-
Uttarakhand	316	336	176	147	349	375	422	378	497	463	465	35
Others	658	902	778	979	1870	1519	1712	2769	2044	1474	2307	84
All-India	24685	27657	25106	28736	34104	32034	34198	35041	34044	31845	32161	11271
Wheat (April-March)												
Punjab	9240	9010	6946	6781	9941	10725	10209	10958	12834	10897	11641	10344
Uttar Pradesh	1741	560	49	546	3137	3882	1645	3461	5063	682	628	2267
Haryana	5115	4529	2229	3350	5237	6924	6347	6928	8665	5873	6495	6778
Rajasthan	279	159	2	383	935	1152	476	1303	1964	1268	2159	1300

(Contd.)

Table 9.1(a) (Contd.)

State	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Chhattisgarh	Neg.	-	-	-	-	-	-	-	-	-	-	-
Uttarakhand	54	41	Neg.	2	85	145	86	42	139	5	1	4
Bihar	15	1	-	8	500	497	183	557	772	0	0	0
Chandigarh	-	-	-	-	10	12	9	7	17	8	5	11
Delhi	2	3	-	1	6	-	10	8	31	Neg.	0	2
Gujarat	-	-	-	-	415	75	1	105	156	0	0	73
Himachal Pradesh	Neg.	Neg.	-	-	Neg.	1	1	1	1	Neg.	Neg.	0
Jammu & Kashmir	Neg.	Neg.	-	-	1	1	-	-	9	0	0	0
Madhya Pradesh	349	484	neg	57	2410	1968	3538	4965	8493	6355	7094	7309
Maharashtra	-	-	-	-	10	-	-	-	2	0	0	0
Jharkhand	-	-	-	-	2	Neg.	Neg.	-	-	0	0	0
West Bengal	-	-	-	-	-	-	9	-	2	2	0	0
All-India	16795	14787	9226	11128	22689	25382	22514	28335	38148	25092	28023	28088

Source : Department of Food and Public Distribution.

* Position as on 09.11.2015

Neg : Below 500 tonnes

Table 9.1 (b): State-wise Procurement of Coarse Grains in Major Producing States

State	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	593.89	0.00	61.12	176.53	6.87	0.00	0.00	0.00	258.58	4.95
Telangana	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chhattisgarh	8.74	0.00	2.34	8.81	1.04	2.61	1.00	0.00	1.20	0.00
Gujarat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Haryana	4.90	0.00	123.64	310.48	77.00	73.65	17.00	0.00	0.00	0.00
Karnataka	446.00	0.00	13.95	712.38	315.56	39.94	1.00	0.00	654.81	142.79
Madhya Pradesh	3.01	0.00	0.75	59.91	0.29	8.91	17.00	7.97	86.05	303.49
Maharashtra	96.97	0.20	1.76	107.02	6.07	2.70	Neg	63.85	93.40	7.49
Punjab	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rajasthan	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Bihar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1153.50	0.20	203.56	1375.12	406.83	127.83	36.00	71.83	1094.04	458.71

Source : Department of Food and Public Distribution.

* As on October-2015

Neg: Below 500 tonnes

Table 9.2 (a): Statement showing Cotton Purchases by Cotton Corporation of India
(Quantity in Thousand bales of 170 Kgs. Each)

States	2010-11			2011-12			2012-13			2013-14			2014-15*		
	MSP	Comm.	Total	MSP	Comm.	Total	MSP	Comm.	Total	MSP	Comm.	Total	MSP	Comm.	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Punjab	0.00	100.78	100.78	0.00	11.76	11.76	0.00	18.44	18.44	0.00	70.27	70.27	127.72	0.00	127.72
Haryana	0.00	72.60	72.60	0.00	0.00	0.00	0.00	6.82	6.82	0.00	11.84	11.84	79.90	0.00	79.90
Rajasthan	0.00	97.63	97.63	0.00	4.88	4.88	0.00	20.80	20.80	0.00	16.69	16.69	87.87	0.00	87.87
Gujarat	0.00	234.41	234.41	0.00	217.44	217.44	0.00	1.85	1.85	0.00	75.48	75.48	666.46	0.00	666.46
Maharashtra	0.00	427.38	427.38	0.00	55.00	55.00	41.57	0.00	41.57	0.00	85.74	85.74	1763.19	0.00	1763.19
Madhya Pradesh	0.00	51.85	51.85	0.01	0.88	0.89	3.55	0.05	3.61	0.00	0.20	0.20	281.88	0.00	281.88
Andhra Pradesh	0.00	341.41	341.41	0.00	0.00	0.00	2174.89	0.00	2174.89	40.81	130.39	171.20	1755.56	0.00	1755.56
Karnataka	0.00	21.33	21.33	7.57	41.74	49.31	16.36	0.00	16.36	0.00	6.69	6.69	139.28	0.00	139.28
Tamil Nadu	0.15	0.00	0.15	0.00	4.96	4.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
West Bengal	0.00	0.00	0.00	0.00	3.96	3.96	0.26	0.00	0.26	0.00	0.18	0.18	0.00	0.00	0.00
Odisha	0.00	18.60	18.60	0.12	0.00	0.12	50.05	0.00	50.05	0.00	4.58	4.58	102.99	0.00	102.99
Telangana	-	-	-	-	-	-	-	-	-	-	-	-	3690.95	0.00	3690.95
Total	0.15	1365.99	1366.14	7.70	340.61	348.31	2286.69	47.96	2334.64	40.81	402.06	442.87	8695.79	0.00	8695.79

Source : Cotton Corporation of India Ltd

* As on 28/5/2015

Table 9.2 (b): Procurement of Cotton by NAFED
(Quantity in Thousand bales of 170 Kgs. each)

States	2010-11		2011-12		2012-13		2013-14		2014-15*	
	MSP	Commercial	MSP	Commercial	MSP	Commercial	MSP	Commercial	MSP	Commercial
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Maharashtra	0.00	0.00	0.00	0.00	2.45	0.00	0.00	0.00	0.00	0.00
Gujarat	0.00	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Andhra Pradesh	0.00	0.00	0.00	0.00	294.53	0.00	0.00	0.00	0.00	0.00
Total	0.00	1.67	0.00	0.00	296.98	0.00	0.00	0.00	0.00	0.00

Source : National Agricultural Cooperative Marketing Federation of India Ltd (NAFED)

* As on 28-5-2015

Table 9.3: State-wise Procurement of Raw Jute

(in lakh bale of 180 Kgs.)

State	2010-11 (Commercial)			2011-12 (MSP)			2011-12 (Commercial)			2012-13 (MSP)		
	JCI (2)	Cooperative (3)	Total (4)	JCI (5)	Cooperative (6)	Total (7)	JCI (8)	Cooperative (9)	Total (10)	JCI (11)	Cooperative (12)	Total (13)
(1)												
West Bengal	0.21	0.00	0.21	0.88	0.04	1.09	0.18	0.00	1.30	2.12	0.25	2.37
Bihar	0.02	0.00	0.02	0.21	0.05	0.24	0.07	0.00	0.36	0.33	0.00	0.33
Assam	0.11	0.00	0.11	0.18	0.00	0.29	0.00	0.00	0.29	0.41	0.00	0.41
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Odisha	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.03	0.00	0.03
Andhra Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.06
Tripura	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00
Total	0.34	0.00	0.34	1.29	0.09	1.63	0.25	0.00	1.97	2.94	0.25	3.20

(Contd.)

State	2012-13 (Commercial)			2013-14 (MSP)			2013-14 (Commercial)			2014-15 (MSP)		
	JCI (14)	Cooperative (15)	Total (16)	JCI (17)	Cooperative (18)	Total (19)	JCI (20)	Cooperative (21)	Total (22)	JCI (23)	Cooperative (24)	Total (25)
(1)												
West Bengal	0.34	0.00	0.34	0.49	0.01	0.83	0.39	0.00	1.23	0.15	0.00	0.15
Bihar	0.08	0.00	0.08	0.20	0.00	0.27	0.13	0.00	0.40	0.00	0.00	0.00
Assam	0.03	0.00	0.03	0.66	0.00	0.69	0.00	0.00	0.69	0.00	0.00	0.00
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Odisha	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00
Andhra Pradesh	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00
Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.44	0.00	0.44	1.37	0.01	1.81	0.52	0.00	2.34	0.15	0.00	0.15

Source: Jute Corporation of India Ltd, Ministry of Textiles

Table 9.4: Procurement of Oilseeds by NAFED under Price Support Scheme (PSS)

S. No.	Commodity Year	Support Price ₹ Per Qtl for FAQ	Quantity procured in MTs.	Value ₹ Lakhs.	Major States of Procurement
(1)	(2)	(3)	(4)	(5)	(6)
1.	Soyabean				
	2009-10	1390	NIL	NIL	
	2010-11	1440	NIL	NIL	
	2011-12	1690	NIL	NIL	
	2012-13	2240	NIL	NIL	
	2013-14	2560	NIL	NIL	
	2014-15	2560	NIL	NIL	
2.	Groundnut				
	2009-10	2100	NIL	NIL	
	2010-11	2300	NIL	NIL	
	2011-12	2700	NIL	NIL	
	2012-13	3700	NIL	NIL	
	2013-14*	3700	830	307.10	Odisha
	2013-14	4000	333268	49367.51	Rajasthan, Gujrat, Andhra Pradesh, Karnataka, Utter Pradesh, Maharashtra
	2014-15	4000	6230	2491.92	Odisha
3.	Safflower Seed				
	2009-10	1680	NIL	NIL	
	2010-11	1800	NIL	NIL	
	2011-12	2500	NIL	NIL	
	2012-13	2800	NIL	NIL	
	2013-14	3000	NIL	NIL	
	2014-15	3050	NIL	NIL	
4.	Mustard Seed				
	2009-10	1830	NIL	NIL	
	2010-11	1850	NIL	NIL	
	2011-12	2500	NIL	NIL	
	2012-13	3000	NIL	NIL	
	2013-14	3050	NIL	NIL	
	2014-15	3100	1715	523.03	Rajasthan
5.	Sunflower Seed				
	2009-10	2215	3381	848.83	Maharashtra, Karnataka, Haryana & Andhra Pradesh

(Contd.)

Table 9.4 (Contd.)

S. No.	Commodity Year	Support Price ₹ Per Qtl for FAQ	Quantity procured in MTs.	Value ₹ Lakhs.	Major States of Procurement
(1)	(2)	(3)	(4)	(5)	(6)
	2010-11	2350	845	199.27	Haryana, Odisha
	2011-12	2800	NIL	NIL	
	2012-13	3700	1529	565.73	Karnataka
	2013-14	3700	4383	1621.71	Odisha, Karnataka, Andhra Pradesh
	2014-15	3750	4153	1536.69	Odisha, Haryana
6	Copra				
	2009-10	4450 (Milling)	61281	28948.39	Kerala, Tamil Nadu, Andaman & Nicobar, Lakshadweep.
		4700 (Ball)	1250	621.32	Karnataka
		3900 (Spl.)	2666	1099.17	Andhra Pradesh
	2010-11	4450 (Milling)	30600	14531.76	Kerala, Karnataka, Tamil Nadu, Lakshadweep
		4700 (Ball)	895	444.87	Karnataka
	2011-12	4525 (Milling)	343	182.76	Andaman & Nicobar Islands
		4775 (Ball)	NIL	NIL	
	2012-13	5100 (Milling)	66453	33891.03	Tamil Nadu, Lakshadweep, Kerala, Andhra Pradesh, Andaman & Nicobar
		5350 (Ball)	9230	4938.04	Karnataka and Kerala
		4335 (Spl.)	49	21.44	Andhra Pradesh
	2013-14	5250 (Milling)	4328.71	2272.58	West Bengal, Tamil Nadu, Andaman & Nicobar, Kerala, Andhra Pradesh, Lakshadweep
		5500(Ball)	29535	16244.25	Karnataka
	2014-15	5250 (Milling)	NIL	NIL	
		5500 (Ball)	NIL	NIL	
7	Sesamum				
	2009-10	2850	NIL	NIL	
	2010-11	2850	1885	537.12	West Bengal
	2011-12	3400	NIL	NIL	
	2012-13	4200	NIL	NIL	
	2013-14	4500	NIL	NIL	
	2014-15	4600	NIL	NIL	

Source : National Agricultural Cooperative Marketing Federation of India Ltd (NAFED)

* Purchased at MSP (Rs 3700/ql.) of 2012-13 for the year 2013-14

Table 9.5: Procurement of Onion by NAFED under Market Intervention Scheme

Year	Price (₹ Per Quintal)	Quantity Procured (Tonnes)	Value (₹ Lakh)	Major States of Procurement
(1)	(2)	(3)	(4)	(5)
1996-97	300	60	1.98	Karnataka
1999-00	250	65000	1625	Maharashtra
2000-01	0	0	0	
2001-02	0	0	0	
2002-03	0	0	0	
2003-04	0	0	0	
2004-05	280	5000	0.73	Rajasthan
2005-06	0	0	0	
2006-07	0	0	0	
2007-08	0	0	0	
2008-09	0	0	0	
2009-10	0	0	0	
2010-11	0	0	0	
2011-12	0	0	0	
2012-13	0	0	0	
2013-14	0	0	0	
2014-15	0	0	0	

Source : National Agricultural Cooperative Marketing Federation of India Ltd (NAFED)

10

Per Capita Net Availability

Table 10.1: Per Capita Net Availability of Foodgrains (Per Annum) in India
(Kgs Per Year)

Year	Rice	Wheat	Other Cereals	Cereals	Gram	Pulses	Food Grains
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1951	58.0	24.0	40.0	122.0	8.2	22.1	144.1
1956	68.7	22.5	40.7	131.9	10.6	25.7	157.6
1961	73.4	28.9	43.6	145.9	11.0	25.2	171.1
1966	59.1	34.8	37.5	131.4	6.7	17.6	149.0
1971	70.3	37.8	44.3	152.4	7.3	18.7	171.1
1976	68.5	29.1	39.2	136.8	7.4	18.5	155.3
1981	72.2	47.3	32.8	152.3	4.9	13.7	166.0
1985	68.9	50.6	32.1	151.6	4.7	13.9	165.5
1990	77.4	48.4	31.7	157.5	3.9	15.0	172.5
1991	80.9	60.0	29.2	171.0	4.9	15.2	186.2
1992	79.2	57.9	21.5	158.6	3.7	12.5	171.1
1993	73.4	51.2	31.6	156.2	3.9	13.2	169.4
1994	75.7	58.2	24.5	158.4	4.3	13.6	172.0
1995	80.3	63.0	23.7	167.0	5.4	13.8	180.8
1996	74.6	64.3	22.6	161.5	4.1	12.0	173.5
1997	78.1	65.4	26.6	170.1	4.5	13.5	183.6
1998	73.1	55.3	22.8	151.2	4.9	12.0	163.2
1999	74.2	59.2	23.1	156.7	5.3	13.3	170.0
2000	74.3	58.4	21.5	154.3	3.9	11.6	165.9
2001	69.5	49.6	20.5	141.0	2.9	10.9	151.9
2002	83.5	60.8	23.1	167.4	3.9	12.9	180.4
2003	66.2	65.8	17.1	149.1	3.1	10.6	159.7
2004	71.3	59.2	25.3	155.8	4.1	13.1	168.9
2005	64.7	56.3	21.7	142.7	3.9	11.5	154.2
2006	72.3	56.3	22.1	150.7	3.9	11.8	162.5
2007	70.8	57.6	20.3	148.7	4.3	12.9	161.6
2008	64.0	53.0	19.7	143.9	3.9	15.3	159.2
2009	68.8	56.5	23.3	148.6	4.7	13.5	162.1
2010	66.4	61.4	18.8	146.6	4.9	12.9	159.5
2011	66.3	59.7	23.9	149.9	5.3	15.7	165.6
2012	69.4	57.8	21.9	149.1	4.9	15.2	164.3
2013	58.3	53.2	19.2	130.7	5.6	15.8	146.5
2014(P)	72.6	66.8	22.6	162.1	6.0	17.2	179.3

Source: Directorate of Economics and Statistics

(Contd.)

Table 10.1 (*Contd.*)

Note:- The net availability of foodgrains is estimated to be Gross Production (-) seed, feed & wastage, (-) exports (+) imports(+/-) change in stocks.

The net availability of foodgrains divided by the population estimates for a particular year indicate per capita availability of foodgrains in terms of kg/year. Net availability, thus worked out further divided by the number of days in a year, i.e., 365 days gives us net availability of foodgrains in terms of grams / day.

Figures in respect of per capita net availability given above are not strictly representative of actual level of consumption in the country especially as they do not take in to account any change in stocks in possession of traders, producers and consumers.

Foodgrains includes rice, wheat, other cereals and all pulses

P- Provisional

Table 10.2: Per Capita Net Availability of Foodgrains (Per Day) in India

(Grams)

Year	Rice	Wheat	Other Cereals	Cereals	Gram	Pulses	Food Grains
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1951	158.9	65.7	109.6	334.2	22.5	60.7	394.9
1956	187.7	61.5	111.2	360.4	29.0	70.3	430.7
1961	201.1	79.1	119.5	399.7	30.2	69.0	468.7
1966	161.9	95.4	102.6	359.9	18.3	48.2	408.1
1971	192.6	103.6	121.4	417.6	20.0	51.2	468.8
1976	187.2	79.5	107.4	373.8	20.2	50.5	424.3
1981	197.8	129.6	89.9	417.3	13.4	37.5	454.8
1985	188.8	138.6	87.9	415.3	12.9	38.1	453.4
1990	212.1	132.6	86.8	431.5	10.7	41.1	472.6
1991	221.7	166.8	80.0	468.5	13.4	41.6	510.1
1992	217.0	158.6	58.9	434.5	10.1	34.3	468.8
1993	201.1	140.2	86.6	427.9	10.7	36.2	464.1
1994	207.4	159.5	67.1	434.0	11.8	37.2	471.2
1995	220.0	172.7	64.9	457.6	14.9	37.8	495.5
1996	204.4	176.0	62.0	442.5	11.3	32.7	475.2
1997	214.0	179.1	72.9	466.0	12.4	37.1	503.1
1998	200.3	151.5	62.4	414.2	13.4	32.8	447.0
1999	203.4	162.3	63.4	429.2	14.6	36.5	465.7
2000	203.7	160.0	59.0	422.7	10.8	31.8	454.4
2001	190.5	135.8	56.2	386.2	8.0	30.0	416.2
2002	228.7	166.6	63.4	458.7	10.7	35.4	494.1
2003	181.4	180.4	46.7	408.5	8.5	29.1	437.6
2004	195.4	162.2	69.3	426.9	11.2	35.8	462.7
2005	177.3	154.3	59.4	390.9	10.6	31.5	422.4
2006	198.0	154.3	60.5	412.8	10.7	32.5	445.3
2007	194.0	157.8	55.5	407.4	11.9	35.5	442.8
2008	175.4	145.1	54.1	394.2	10.6	41.8	436.0
2009	188.4	154.7	63.9	407.0	12.9	37.0	444.0
2010	182.0	168.2	51.4	401.7	13.5	35.4	437.1
2011	181.5	163.5	65.6	410.6	14.6	43.0	453.6
2012	190.2	158.4	60.0	408.6	13.5	41.7	450.3
2013	159.6	145.8	52.7	358.1	15.3	43.3	401.4
2014(P)	199.0	183.1	62.0	444.1	16.3	47.2	491.2

Source: Directorate of Economics and Statistics

(Contd.)

Table 10.2 (*Contd.*)

Note:- The net availability of foodgrains is estimated to be Gross Production

(-) seed, feed & wastage, (-) exports (+) imports, (+/-) change in stocks.

The net availability of foodgrains divided by the population estimates for a particular year indicate per capita availability of foodgrains in terms of kg/year.

Net availability, thus worked out further divided by the number of days in a year i.e.,

365 days gives us net availability of foodgrains in terms of grams / day.

Figures in respect of per capita net availability given above are not strictly representative of actual level of consumption in the country especially as they do not take into account any change in stocks in possession of traders, producers and consumers.

Cereals includes rice, wheat and other cereals

Foodgrains includes rice, wheat, other cereals and all pulses

P- Provisional

Table 10.3: Per Capita Availability of Certain Important Articles of Consumption

Year	Edible Oil ^a (kg.)	Vanaspati ^b (kg.)	Sugar (Nov-Oct) (kg.) ^c	Cloth (meters) ^d			Tea (gm)	Coffee ^e (gm)
				Cotton ^c	Man-made	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1960-61	3.2	0.8	4.8	13.8	1.2	15.0	296	80.0
1970-71	3.5	1.0	7.4	13.6	2.0	15.6	401	65.0
1971-72	3.0	1.1	6.8	12.4	2.2	14.6	426	65.0
1972-73	2.4	1.0	6.2	13.2	2.0	15.2	458	69.0
1973-74	3.4	0.8	6.1	12.0	1.9	13.9	492	64.0
1974-75	3.3	0.6	5.8	12.9	1.7	14.6	471	62.0
1975-76	3.5	0.8	6.1	12.6	2.0	14.6	446	62.0
1976-77	3.2	0.9	6.0	11.4	2.4	13.8	450	71.0
1977-78	3.8	0.9	7.2	9.5	4.0	13.5	516	73.0
1978-79	3.8	1.0	9.6	10.2	4.8	15.0	599	77.0
1979-80	3.7	1.0	7.8	10.1	4.6	14.7	521	73.0
1980-81	3.8	1.2	7.3	12.9	4.4	17.3	511	79.0
1981-82	5.1	1.3	8.2	12.2	4.9	17.1	466	79.0
1982-83	4.5	1.3	9.0	11.8	4.3	16.1	525	82.0
1983-84	5.8	1.2	10.5	12.6	4.7	17.3	519	78.0
1984-85	5.5	1.3	10.7	12.6	4.6	17.2	576	72.0
1985-86	5.0	1.3	11.1	15.4	6.1	21.5	589	71.0
1986-87	5.0	1.2	11.4	15.2	6.6	21.8	545	76.0
1987-88	5.8	1.2	11.7	14.0	7.0	21.0	592	72.0
1988-89	5.3	1.2	12.1	15.0	8.0	23.0	612	79.0
1989-90	5.3	1.1	12.3	14.6	8.1	22.7	571	65.0
1990-91	5.5	1.0	12.7	15.1	9.0	24.1	612	59.0
1991-92	5.4	1.0	13.0	13.7	9.2	22.9	655	64.0
1992-93	5.8	1.0	13.7	15.6	8.9	24.5	649	60.0
1993-94	6.1	1.0	12.5	15.9	10.3	26.2	667	56.0
1994-95	6.3	1.0	13.2	15.2	10.8	26.0	664	55.0
1995-96	7.0	1.0	14.1	16.3	11.7	28.0	646	55.0
1996-97	8.0	1.0	14.6	16.2	13.1	29.3	657	58.0
1997-98	6.2	1.0	14.5	15.9	15.0	30.9	635	58.0
1998-99	8.5	1.3	14.9	13.1	15.1	28.2	684	65.0
1999-00	9.0	1.4	15.6	14.2	16.4	30.6	642	55.0
2000-01	8.2	1.3	15.8	14.2	16.5	30.7	631	58.0
2001-02	8.8	1.4	16.0	14.8	17.2	32.0	650	67.0
2002-03	7.2	1.4	16.3	14.4	17.0	31.4	623	67.0
2003-04	9.9	1.2	16.1	13.4	17.6	31.0	662	70.0
2004-05	10.2	1.1	15.5	14.1	19.4	33.5	663	72.0

(Contd.)

Table 10.3 (Contd.)

Year	Edible Oil ^a (kg.)	Vanaspati ^b (kg.)	Sugar (Nov-Oct) (kg.) ^c	Cloth (meters) ^d			Tea (gm)	Coffee ^f (gm)
				Cotton ^e	Man-made	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2005-06	10.6	1.1	16.3	16.4	19.7	36.1	687	75.0
2006-07	11.1	1.2	16.8	18.0	21.6	39.6	687	77.0
2007-08	11.4	1.2	17.8	19.0	22.8	41.9	701	80.0
2008-09	12.7	1.3	18.8	17.9	21.1	39.0	704	82.0
2009-10	13.3	1.1	17.9	19.7	23.4	43.1	709	86.0
2010-11	13.6	1.0	17.0	21.4	22.6	44.0	715	90.0
2011-12	13.8	1.0	18.7	19.8	20.7	40.5	728	95.0
2012-13	15.8	0.7	18.7	19.9	18.6	38.5	779	97.0
2013-14	16.8	0.8	19.5(P)	19.8	16.4	36.2	744	100.0

Source: Economic Survey 2014-15

Note: a: Includes Groundnut Oil, Rapeseed and Mustard Oil, Sesamum Oil, Nigerseed Oil, Soyabean oil and Sunflower oil but excludes oil for manufacture of vanaspati.

b: Relates to calendar year.

c: Relates to actual releases for domestic consumption.

d: The data of cloth, prior to 1980-81 is calendar year wise, in meters up to 1984-85 and square meter from 1985-86 onwards.

e: Figures for blended/mixed fabrics were not separately available prior to 1969. These have been included under man-made fibre fabrics after 1969.

f: Figures upto 1971-72 relate to coffee season and thereafter on calendar year basis. The figures for 1972-73 correspond to 1973 and so on.

(P) Provisional

Table 10.4(a): Trends in percentage composition of consumer expenditure since 1993-94

Item group	Rural						Urban				
	Share in total consumer expenditure						Share in total consumer expenditure				
	1993-94	1999-00*	2004-05	2009-10	2011-12	1993-94	1999-00*	2004-05	2009-10	2011-12	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
Cereal	24.2	22.2	18.0	15.6	12.0	14.0	12.4	10.1	9.1	7.3	
Gram	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	
Cereal substitutes	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	
Pulses & products	3.8	3.8	3.1	3.7	3.1	3.0	2.8	2.1	2.7	2.1	
Milk & products	9.5	8.8	8.5	8.6	9.1	9.8	8.7	7.9	7.8	7.8	
Edible oil	4.4	3.7	4.6	3.7	3.8	4.4	3.1	3.5	2.6	2.7	
Egg fish & meat	3.3	3.3	3.3	3.5	3.6	3.4	3.1	2.7	2.7	2.8	
Vegetables	6.0	6.2	6.1	6.2	4.8	5.5	5.1	4.5	4.3	3.4	
Fruits & nuts	1.7	1.7	1.9	1.6	1.9	2.7	2.4	2.2	2.1	2.3	
Sugar	3.1	2.4	2.4	2.4	1.8	2.4	1.6	1.5	1.5	1.2	
Salt & spices	2.7	3.0	2.5	2.4	2.4	2.0	2.2	1.7	1.5	1.7	
Beverages, etc.	4.2	4.2	4.5	5.6	5.8	7.2	6.4	6.2	6.3	7.1	
Food total	63.2	59.4	55.0	53.6	48.6	54.7	48.1	42.5	40.7	38.6	
Pan, tobacco, intoxic.	3.2	2.9	2.7	2.2	2.4	2.3	1.9	1.6	1.2	1.4	
Fuel & light	7.4	7.5	10.2	9.5	9.2	6.6	7.8	9.9	8.0	7.6	
Clothing & bedding	5.4	6.9	4.5	4.9	6.3	4.7	6.1	4.0	4.7	5.3	
Footwear	0.9	1.1	0.8	1.0	1.3	0.9	1.2	0.7	0.9	1.2	
Misc. & services	17.3	19.6	23.4	24.0	26.1	27.5	31.3	37.2	37.8	39.7	
Durable goods	2.7	2.6	3.4	4.8	6.1	3.3	3.6	4.1	6.7	6.3	
Non-food total	36.8	40.6	45.0	46.4	51.4	45.3	51.9	57.5	59.3	61.5	
Total expenditure	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

Source: National Sample Survey Office (NSSO)

* Uniform Reference Period (URP) estimates shown except for 1999-2000, for which only Mixed Reference Period (MRP) estimates are available.

Table 10.4(b): Per capita Consumption of Different Commodities

Commodities	Year	Quantity in Kg/Litre/No.			
		Qty. consumed in a month		Qty. consumed per Annum	
		Rural	Urban	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)
Rice & its Products (Kg)	1993-94	6.79	5.13	82.61	62.42
	1999-00	6.59	5.10	80.18	62.05
	2004-05	6.38	4.71	77.62	57.31
	2009-10	6.14	4.66	74.70	56.64
	2011-12	6.13	4.66	74.62	56.73
Wheat Atta & its Products (Kg)	1993-94	4.32	4.44	52.56	54.02
	1999-00	4.45	4.45	54.14	54.14
	2004-05	4.19	4.36	50.98	53.05
	2009-10	4.36	4.34	53.03	52.82
	2011-12	4.43	4.32	53.85	52.57
Other cereals (Kg)	1993-94	2.29	1.03	27.86	12.53
	1999-00	1.68	0.87	20.44	10.59
	2004-05	1.55	0.87	18.86	10.59
	2009-10	0.85	0.38	10.34	4.60
	2011-12	0.66	0.30	8.03	3.65
All cereals (Kg)	1993-94	13.40	10.60	163.03	128.97
	1999-00	12.72	10.42	154.76	126.78
	2004-05	12.12	9.94	147.46	120.94
	2009-10	11.35	9.37	138.08	114.05
	2011-12	11.22	9.28	136.51	112.91
All pulses & pulse products (Kg)	1993-94	0.76	0.86	9.25	10.46
	1999-00	0.84	1.00	10.22	12.17
	2004-05	0.71	0.82	8.64	9.98
	2009-10	0.65	0.79	7.92	9.60
	2011-12	0.78	0.90	9.53	10.96
All edible oil (Kg)	1993-94	0.37	0.56	4.50	6.81
	1999-00	0.50	0.72	6.08	8.76
	2004-05	0.48	0.66	5.84	8.03
	2009-10	0.64	0.82	7.74	9.95
	2011-12	0.67	0.85	8.20	10.38
Banana (No.)	1993-94	2.20	4.48	26.77	54.51
	1999-00	2.48	5.00	30.17	60.83
	2004-05	2.37	4.14	28.84	50.37
	2009-10	3.86	6.65	46.96	80.91
	2011-12	4.18	6.69	50.86	81.40
Coconut (No.)	1993-94	0.32	0.46	3.89	5.60
	1999-00	0.37	0.51	4.50	6.21
	2004-05	0.35	0.47	4.26	5.72
	2009-10	0.46	0.63	5.55	7.64
	2011-12	0.49	0.61	5.96	7.42
Mango (Kg)	1993-94	0.06	0.12	0.73	1.46
	1999-00	0.10	0.16	1.22	1.95
	2004-05	0.09	0.11	1.10	1.34
	2009-10	0.11	0.16	1.31	1.92

(Contd.)

Table 10.4 (b) (Contd.)

Commodities	Year	Qty. consumed in a month		Qty. consumed per Annum	
		Rural	Urban	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)
Apple (Kg)	1993-94	0.03	0.11	0.37	1.34
	1999-00		0.08	0.00	0.97
	2004-05	0.03	0.12	0.37	1.40
	2009-10	0.05	0.16	0.55	1.92
	2011-12	0.06	0.19	0.71	2.32
Groundnut (Kg)	1993-94	0.03	0.04	0.37	0.49
	1999-00	0.05	0.06	0.61	0.73
	2004-05	0.05	0.08	0.61	0.97
	2009-10	0.05	0.07	0.61	0.82
	2011-12	0.06	0.09	0.77	1.06
Vegetables* (Kg)	1993-94	2.71	2.91	32.97	35.41
	1999-00	3.30	3.49	40.15	42.46
	2004-05	2.92	3.17	35.53	38.57
	2009-10	4.04	4.12	49.14	50.11
	2011-12	4.33	4.32	52.71	52.61
Milk : liquid (litre)	1993-94	3.94	4.89	47.94	59.50
	1999-00	3.79	5.10	46.11	62.05
	2004-05	3.87	5.11	47.09	62.17
	2009-10	4.12	5.36	50.09	65.19
	2011-12	4.33	5.42	52.72	65.97
Eggs (No.)	1993-94	0.64	1.48	7.79	18.01
	1999-00	1.09	2.06	13.26	25.06
	2004-05	1.01	1.72	12.29	20.93
	2009-10	1.73	2.67	21.08	32.53
	2011-12	1.94	3.18	23.60	38.69
Fish (Kg)	1993-94	0.18	0.20	2.19	2.43
	1999-00	0.21	0.22	2.56	2.68
	2004-05	0.20	0.21	2.45	2.51
	2009-10	0.27	0.24	3.27	2.90
	2011-12	0.27	0.25	3.24	3.07
Goat meat/ mutton (Kg)	1993-94	0.06	0.11	0.73	1.34
	1999-00	0.07	0.10	0.85	1.22
	2004-05	0.05	0.07	0.57	0.85
	2009-10	0.05	0.09	0.57	1.11
	2011-12	0.05	0.08	0.60	0.96
Chicken (Kg)	1993-94	0.02	0.03	0.24	0.37
	1999-00	0.04	0.06	0.49	0.73
	2004-05	0.05	0.09	0.61	1.03
	2009-10	0.12	0.18	1.50	2.19
	2011-12	0.18	0.24	2.17	2.91

Source: National Sample Survey Office (NSSO) (50, 55, 61, 66 & 68th Round)

* Includes potato, onion, brinjal, cauliflower, cabbage and tomato

11

Stock, Consumption and Storage Capacity

Table 11.1 (a) : Stock of Food grains in the Central Pool

(As on 1st January)

(Million Tonnes)

Year	Rice	Wheat	Coarse Cereals	Total
(1)	(2)	(3)	(4)	(5)
1991	9.63	9.38	0.12	19.13
1992	9.29	5.43	0.01	14.73
1993	9.48	3.47	0.18	13.13
1994	11.95	11.10	0.47	23.52
1995	17.42	12.88	-	30.30
1996	15.41	13.15	-	28.56
1997	12.94	7.08	-	20.02
1998	11.49	6.76	-	18.25
1999	11.68	12.70	-	24.38
2000	14.18	17.17	-	31.35
2001	20.70	25.04	0.03	45.77
2002	25.62	32.41	0.08	58.11
2003	19.37	28.83	-	48.20
2004	11.73	12.69	0.60	25.02
2005	12.76	8.93	0.00	21.70
2006	12.64	6.19	0.43	19.26
2007	11.98	5.43	0.09	15.50
2008	11.47	7.71	0.00	19.18
2009	17.58	18.21	0.40	36.19
2010	24.35	23.09	0.25	47.69
2011	25.58	21.54	0.10	47.22
2012	29.72	25.67	0.10	55.49
2013	32.22	34.38	0.09	66.69
2014	14.70	28.05	0.38	43.12
2015	11.74	25.11	0.25	37.10

Source : Department of Food & Public Distribution.

**Table 11.1 (b) : Existing Buffer Stock Norms for Food grains
(applicable since 22.01.2015)**

	(Million Tonnes)		
	Rice	Wheat	Total
(1)	(2)	(3)	(4)
1st April	13.58	7.46	21.04
1st July	13.54	27.58	41.12
1st October	10.25	20.52	30.77
1st January	7.61	13.80	21.41

Source : Department of Food & Public Distribution.

Note: The above norms include a Food Security Reserve of 3 million tonnes of wheat and 2 million tonnes of rice

Table 11.2: Consumption and Stocks of Raw Jute

(Lakh Bales of 180 Kgs.each)		
Year (July-June)	Consumption	Stocks (End of Season)
(1)	(2)	(3)
1982-83	75.60	18.98
1983-84	63.83	20.91
1984-85	78.33	7.50
1985-86	87.68	42.42
1986-87	82.00	43.00
1987-88	74.00	34.00
1988-89	84.50	20.50
1989-90	86.00	9.50
1990-91	87.40	16.10
1991-92	79.50	32.00
1992-93	85.00	25.00
1993-94	87.50	9.50
1994-95	85.50	9.00
1995-96	87.00	5.00
1996-97	91.10	18.50
1997-98	130.00	27.00
1998-99	97.00	22.00
1999-00	97.50	10.50
2000-01	97.50	7.00
2001-02	100.00	16.00
2002-03	101.00	34.00
2003-04	96.00	33.00
2004-05	98.00	27.00
2005-06	98.00	8.00
2006-07	89.00	23.00
2007-08	108.00	22.00
2008-09	98.00	8.00
2009-10	89.00	12.00
2010-11	97.00	22.50
2011-12	103.00	31.00
2012-13	104.00	29.00
2013-14	96.00	24.00
2014-15*	100.00	15.00

Source : Jute Corporation of India , Kolkata

* Estimated

Table 11.3 (a) : State-wise Storage capacity

(In Lakh MTs)				
Sr. No	State/UTs	March, 2013	March, 2014	March, 2015
(1)	(2)	(3)	(4)	(5)
1	Bihar	11.21	11.50	10.49
2	Odisha	15.33	14.09	13.57
3	West Bengal	19.68	19.64	14.68
4	Sikkim	0.11	0.11	0.00
5	Jharkhand	1.69	2.11	2.95
	TOTAL EAST ZONE	48.02	47.46	41.69
6	Assam	6.07	6.25	5.76
7	Arunachal Pradesh	0.23	0.23	0.28
8	Tripura	0.76	0.83	0.37
9	Manipur	0.30	0.31	0.32
10	Nagaland	0.46	0.46	0.33
11	Mizoram	0.26	0.26	0.25
12	Meghalaya	0.40	0.42	0.28
	TOTAL N.E. ZONE	8.48	8.77	7.59
13	Delhi	5.16	5.14	3.67
14	Haryana	57.66	64.78	107.77
15	Himachal Pradesh	0.45	0.45	0.51
16	Jammu & Kashmir	1.41	1.75	2.10
17	Punjab	168.10	182.66	240.00
18	Chandigarh	3.70	4.09	0.00
19	Rajasthan	38.78	39.88	25.49
20	Uttar Pradesh	102.63	91.59	57.53
21	Uttarakhand	2.73	2.84	3.67
	TOTAL NORTH ZONE	380.60	393.18	440.74
22	Andhra Pradesh	91.30	68.47	27.31
23	Telangana	-	-	19.79
24	Kerala	9.06	9.00	5.89
25	Karnataka	24.16	25.02	29.24
26	Tamil Nadu	23.36	24.41	17.58
27	Puducherry	0.84	0.84	0.00
28	A&N Islands	0.10	0.10	0.00
29	Lakshadweep	0.00	0.00	0.00
	TOTAL SOUTH ZONE	148.82	127.84	99.81
30	Gujarat	17.21	18.33	9.86
31	Maharashtra	50.66	53.43	31.79
32	Goa	0.50	0.50	0.20
33	Madhya Pradesh	59.20	68.63	59.17
34	Chhattisgarh	23.66	23.70	23.58
35	Daman & Dia	0.00	0.00	0.00
36	D & N Haveli	0.00	0.00	0.00
	TOTAL WEST ZONE	151.22	164.58	124.60
	GRAND TOTAL	737.14	741.83	714.43

Source: Deptt. of Food and Public Distribution

Note: Storage capacity pertains to FCI, CWC and SWC. It includes both Owned and Hired, Covered and Cap Storage

Table 11.3 (b) : State wise Cold Storage capacity as on 31.3.2015

S. No.	Name of the State/UT	No. of Project	Capacity (MT)
(1)	(2)	(3)	(4)
1	Andaman & Nicobar	2	210
2	Andhra Pradesh	413	1622320
3	Arunachal Pradesh	2	5000
4	Assam	35	126179
5	Bihar	304	1411395
6	Chandigarh	7	12462
7	Chhattisgarh	97	470546
8	Delhi	97	129857
9	Goa	29	7705
10	Gujarat	625	2323175
11	Haryana	307	638601
12	Himachal Pradesh	34	53009
13	Jammu & Kashmir	29	69769
14	Jharkhand	56	221680
15	Karnataka	192	536333
16	Kerala	197	78355
17	Lakshadweep	1	15
18	Madhya Pradesh	275	1168321
19	Maharashtra	555	762798
20	Manipur	1	2175
21	Meghalaya	4	8200
22	Mizoram	3	3931
23	Nagaland	2	6150
24	Odisha	120	366699
25	Puducherry	3	85
26	Punjab	617	2051377
27	Rajasthan	157	490888
28	Sikkim	3	2100
29	Tamil Nadu	165	304771
30	Tripura	14	45477
31	Uttar Pradesh	2209	13807762
32	Uttarakhand	30	89689
33	West Bengal	506	5912237
All India		7091	32729271

Source: Directorate of Marketing and Inspection (DMI) upto 2009, National Horticulture Board (NHB), National Horticulture Mission (NHM) & Ministry of Food Processing Industries (MoFPI) afterwards.

Table 11.3 (c) : State-wise Storage capacity sanctioned since inception under AMI Sub-Scheme of ISAM
(erstwhile Grameen Bhandaran Yojna)

Sl.No	Name of State/UT	Upto March, 2013		Upto March, 2014		Upto March, 2015	
		No. of godown sanctioned	Capacity Sanctioned in MT	No. of godown sanctioned	Capacity Sanctioned in MT	No. of godown sanctioned	Capacity Sanctioned in MT
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Andhra Pradesh	1328	6079331	1726	7337677	1225*	4833180*
2	Arunachal Pradesh	1	945	1	945	1	945
3	Assam	246	536836	266	724806	266	724806
4	Bihar	901	345206	976	465616	990	487187
5	Chhattisgarh	454	1360836	519	1646450	525	1662791
6	Goa	3	290	1	299	1	299
7	Gujarat	8592	2732523	9293	3029714	9908	3392032
8	Haryana	1973	4649807	2174	6205438	2198	6748691
9	Himachal Pradesh	55	7558	71	22347	78	24798
10	Jammu & Kashmir	6	30648	7	35648	7	35648
11	Jharkhand	9	34747	16	79918	18	93071
12	Karnataka	3888	2460633	4251	2933085	4421	3301374
13	Kerala	165	62414	211	72653	211	90842
14	Madhya Pradesh	2720	4268032	3127	6981671	3283	7805063
15	Maharashtra	2767	4093263	3037	4845976	3153	5255291
16	Meghalaya	16	20582	16	21012	16	21012

(Contd...)

Table: 11.3 (Contd.)

Sl.No	Name of State/UT	Upto March, 2013		Upto March, 2014		Upto March, 2015	
		No. of godown sanctioned	Capacity Sanctioned in MT	No. of godown sanctioned	Capacity Sanctioned in MT	No. of godown sanctioned	Capacity Sanctioned in MT
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
17	Mizoram	1	756	1	756	1	302
18	Nagaland	2	250	2	250	1	814
19	Odisha	392	700224	416	778369	419	781575
20	Punjab	1626	5755518	1671	6291363	1704	6376653
21	Rajasthan	1174	998485	1242	1508474	1360	2054217
22	Tamil Nadu	1006	918876	1037	1110793	1040	1122809
23	Uttar Pradesh	922	3869660	1064	4731145	1081	4936198
24	Uttarakhand	229	605183	265	784677	266	786138
25	West Bengal	2400	1158275	2467	1352308	2480	1394533
26	Tripura	1	996	2	7340	4	25756
27	Telangana	0	0	0	0	583	3496782
28	UTs	0	0	0	0	0	0
Total		30877	40691874	33859	50968730	34015	50619627

Source: Directorate of Marketing & Inspection

AMI : Agricultural Marketing Infrastructure

IS-AM: Integrated Scheme for Agricultural Marketing

* Excluding Telangana state

12

Imports/ Exports/ Inflation Rates

Table 12.1: India's Imports and Exports of Agricultural Commodities

Year	Agriculture Imports	Total National Imports	% of Agriculture Imports to Total National Imports	Agriculture Exports	Total National Exports	% of Agriculture Exports to Total National Exports
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1990-91	1205.86	43170.82	2.79	6012.76	32527.28	18.49
1991-92	1478.27	47850.84	3.09	7838.04	44041.81	17.80
1992-93	2876.25	63374.52	4.54	9040.30	53688.26	16.84
1993-94	2327.33	73101.01	3.18	12586.55	69748.85	18.05
1994-95	5937.21	89970.70	6.60	13222.76	82673.40	15.99
1995-96	5890.10	122678.14	4.80	20397.74	106353.35	19.18
1996-97	6612.60	138919.88	4.76	24161.29	118817.32	20.33
1997-98	8784.19	154176.29	5.70	24832.45	130100.64	19.09
1998-99	14566.48	178331.69	8.17	25510.64	139751.77	18.25
1999-00	16066.73	215528.53	7.45	25313.66	159095.20	15.91
2000-01	12086.23	228306.64	5.29	28657.37	201356.45	14.23
2001-02	16256.61	245199.72	6.63	29728.61	209017.97	14.22
2002-03	17608.83	297205.87	5.92	34653.94	255137.28	13.58
2003-04	21972.68	359107.66	6.12	36415.48	293366.75	12.41
2004-05	22811.84	501064.54	4.55	41602.65	375339.53	11.08
2005-06	15977.75	660408.90	2.42	45710.97	456417.86	10.02
2006-07	23000.28	840506.31	2.74	57767.87	571779.28	10.10
2007-08	22549.81	1012311.70	2.23	74673.48	655863.52	11.39
2008-09	28719.24	1374435.55	2.09	81064.52	840755.06	9.64
2009-10	54365.29	1363735.55	3.99	84443.95	845533.64	9.99
2010-11	52652.88	1683466.96	3.13	111018.99	1142921.92	9.71
2011-12	74284.58	2345463.24	3.17	180528.60	1465959.39	12.31
2012-13	99338.66	2669161.96	3.72	223618.24	1634318.84	13.68
2013-14	87465.66	2715433.91	3.22	262778.96	1905011.09	13.79
2014-15(P)	115434.49	2733935.41	4.22	239453.23	1891644.67	12.66

Source: Directorate General of Commercial Intelligence & Statistics, Ministry of Commerce & Industry

Note: Commodities covered under Agriculture sector have been revised since 2005-06 after consultation with Trade Division, DAC&FW

(P) - Provisional

Table 12.2 : India's Imports of Agricultural Products

Commodity	2005-06		2006-07		2007-08		2008-09		2009-10	
	Quantity (2)	Value (3)	Quantity (4)	Value (5)	Quantity (6)	Value (7)	Quantity (8)	Value (9)	Quantity (10)	Value (11)
(1)										
Tea	18.75	108.14	23.29	127.06	19.73	130.95	25.16	197.00	34.46	276.54
Coffee	-	-	-	-	-	-	-	-	40.88	297.34
Rice-Basmati	-	-	-	-	-	-	-	-	0.00	0.00
Rice (Other than Basmati)	0.26	0.34	0.16	0.41	0.16	0.42	0.09	0.06	0.07	0.37
Wheat			6079.56	5850.49	1793.21	2657.51	0.01	0.01	164.38	231.90
Other Cereals	27.88	30.09	7.96	11.73	10.42	19.34	20.60	45.46	33.69	76.33
Pulses	1695.95	2476.25	2270.97	3891.91	2835.05	5374.94	2474.11	6246.40	3509.58	9813.37
Tobacco Unmanufactured	-	-	-	-	-	-	-	-	1074.71	37.76
Tobacco Manufactured	-	-	-	-	-	-	-	-	-	78.73
Spices	108.93	687.81	118.51	738.90	144.63	973.64	122.85	1076.07	153.40	1432.31
Cashew Nuts	543.94	2089.46	586.49	1820.75	591.88	1714.75	614.46	2672.43	755.96	3047.50
Cashew shelled	-	-	-	-	-	-	-	-	-	-
Sesame Seeds	-	-	-	-	-	-	-	-	-	-
Niger Seeds	-	-	-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-	-	-	-
Oil Seeds	-	47.03	-	104.47	-	149.32	-	129.58	-	186.61
Vegetable Oils Fixed (Edible)	4288.10	8960.99	4269.38	9539.90	4903.39	10301.09	6719.35	15837.46	8033.92	26483.32
Oil Meals	-	-	-	-	-	-	-	-	127.73	104.69

(Contd.)

Table: 12.2 (Contd.)

Commodity	2010-11		2011-12		2012-13		2013-14		2014-15(P)	
	Quantity (12)	Value (13)	Quantity (14)	Value (15)	Quantity (16)	Value (17)	Quantity (18)	Value (19)	Quantity (20)	Value (21)
(1)										
Tea	20.82	202.00	22.43	218.91	22.30	274.52	22.74	291.68	27.44	388.73
Coffee	41.63	295.00	46.06	469.52	71.20	795.72	59.94	729.02	74.88	930.47
Rice-Basmati	0.00	0.00	0.46	2.47	0.00	0.00	0.00	0.00	0.00	0.00
Rice (Other than Basmati)	0.22	1.12	1.06	5.48	0.72	1.44	8.29	8.29	1.96	10.83
Wheat	185.28	255.85	0.02	0.08	2.94	11.27	26.92	26.92	29.49	61.34
Other Cereals	30.68	59.53	15.36	30.04	45.58	22.32	98.03	99.32	23.40	61.81
Pulses	2698.66	7149.62	3364.80	8931.24	3839.30	12733.70	3643.71	12792.62	4584.84	17062.93
Tobacco Unmanufactured	1320.74	44.61	2015.63	68.57	2166.77	91.94	1.55	79.52	1.91	98.16
Tobacco Manufactured	-	80.36	-	113.01	-	155.01	-	168.87	-	200.28
Spices	113.33	1556.11	128.69	2190.80	157.64	2615.14	155.58	3451.69	161.07	4391.84
Cashew Nuts	529.73	2649.56	809.82	5338.64	892.37	5331.74	776.34	4667.80	940.80	6599.74
Cashew shelled	-	-	2.08	42.79	6.15	102.17	0.38	2.08	1.72	10.03
Sesame Seeds	-	-	-	-	-	-	72.93	808.64	34.77	379.99
Niger Seeds	-	-	-	-	-	-	-	-	0.70	3.73
Groundnut	-	-	-	-	-	-	0.11	0.36	0.13	0.49
Oil Seeds	-	115.48	-	93.89	-	406.07	54.70	166.79	51.35	163.10
Vegetable Oils Fixed (Edible)	6905.43	29860.40	8445.01	46255.31	11013.73	61106.59	7942.89	44038.04	11547.76	59094.33
Oil Meals	79.22	75.03	86.13	98.72	148.30	210.38	126.94	199.87	165.10	272.65

(Contd.)

Table: 12.2 (Contd.)

Commodity	2005-06		2006-07		2007-08		2008-09		2009-10	
	Quantity (2)	Value (3)	Quantity (4)	Value (5)	Quantity (6)	Value (7)	Quantity (8)	Value (9)	Quantity (10)	Value (11)
Guar gum Meal	-	-	-	-	-	-	-	-	0.07	2.41
Castor Oil	-	-	-	-	-	-	-	-	0.06	0.44
Shellac	-	-	-	-	-	-	-	-	3.55	34.10
Sugar	558.77	651.59	1.05	3.48	0.73	5.87	386.10	583.16	2551.42	5965.80
Mollasses	-	-	-	-	-	-	-	-	45.54	32.29
Fruits / Vegetable Seeds	-	-	-	-	-	-	-	-	12.67	284.42
Fresh Fruits	-	-	-	-	-	-	-	-	562.19	2843.47
Fresh Vegetables	-	-	-	-	-	-	-	-	5.40	8.14
Processed Vegetables	-	-	-	-	-	-	-	-	-	77.90
Processed Fruits and Juices	-	-	-	-	-	-	-	-	-	191.12
Misc Processed Items	-	-	-	-	-	-	-	-	-	552.34
Buffalo Meat	-	-	-	-	-	-	-	-	-	0.00
Sheep/Goat Meat	-	-	-	-	-	-	-	-	0.04	1.22
Other Meat	-	-	-	-	-	-	-	-	0.33	6.67
Processed Meat	-	-	-	-	-	-	-	-	1.41	9.79
Dairy Products	-	-	-	-	-	-	-	-	0.00	333.64
Poultry Products	-	-	-	-	-	-	-	-	-	26.72
Floriculture Products	-	-	-	-	-	-	-	-	-	45.88

(Contd.)

Table: 12.2 (Contd.)

Commodity	2010-11		2011-12		2012-13		2013-14		2014-15(P)	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Guargam Meal	0.09	2.66	0.30	9.90	0.57	33.61	0.38	21.85	0.17	5.84
Castor Oil	0.01	0.91	0.06	1.29	0.14	2.23	0.07	2.04	0.05	1.81
Shellac	3.29	50.55	0.54	22.15	2.78	172.61	0.68	45.80	1.77	59.54
Sugar	1198.39	2789.55	99.73	313.83	1122.26	3094.38	880.96	2286.86	1538.63	3668.21
Mollasses	7.29	6.15	12.40	4.35	14.68	7.50	15.07	8.93	59.55	29.60
Fruits / Vegetable Seeds	11.14	291.22	13.18	380.15	16.05	471.10	8.29	449.48	14.01	611.41
Fresh Fruits	630.23	3586.51	723.27	4610.84	802.14	6180.47	769.14	7715.96	858.11	9543.86
Fresh Vegetables	16.61	40.60	5.04	7.31	7.03	11.24	25.98	41.67	8.24	11.14
Processed Vegetables	-	117.48	-	120.19	-	149.01	-	173.94	-	104.20
Processed Fruits and Juices	-	251.54	-	314.93	-	432.02	-	410.83	-	496.00
Misc Processed Items	-	664.01	-	915.19	-	1268.33	-	1474.47	-	1748.56
Buffalo Meat	-	0.00	-	0.00	-	0.00	-	0.00	-	0.00
Sheep/Goat Meat	0.03	0.80	0.01	0.21	0.02	1.52	0.06	5.13	0.09	8.73
Other Meat	0.35	7.01	0.54	12.48	0.43	15.71	0.36	15.80	0.47	19.50
Processed Meat	0.78	7.56	0.96	9.74	0.57	9.02	0.39	7.64	0.17	5.17
Dairy Products	0.00	847.83	0.00	1219.41	0.00	184.25	0.00	232.68	0.00	375.01
Poultry Products	-	14.46	-	19.72	-	18.29	-	23.39	-	38.22
Floriculture Products	-	45.48	-	68.64	-	85.67	-	112.19	-	113.37

(Contd.)

Table: 12.2 (Contd.)

Commodity	2005-06		2006-07		2007-08		2008-09		2009-10	
	Quantity (2)	Value (3)	Quantity (4)	Value (5)	Quantity (6)	Value (7)	Quantity (8)	Value (9)	Quantity (10)	Value (11)
Marine Products	-	-	-	-	-	-	-	-	27.35	303.09
Jute Hessian	-	-	-	-	-	-	-	-	-	-
Cotton (Raw & Waste)	98.75	703.66	81.48	663.07	136.49	912.14	211.69	1690.22	171.42	1241.37
Cereal Preparation	42.40	129.23	38.22	132.92	43.96	161.83	29.78	170.17	40.85	188.22
Milled Products	-	-	-	-	-	-	-	-	-	-
Jute (Raw)	61.34	93.16	83.05	115.21	135.75	148.01	52.24	71.21	62.66	149.49
Cocoa Products	-	-	-	-	-	-	-	-	-	-
Animal Casings	-	-	-	-	-	-	-	-	-	-
Alcoholic Beverages	-	-	-	-	-	-	-	-	-	-
Ayush and Herbal Products	-	-	-	-	-	-	-	-	-	-
Total Agricultural Imports	-	15977.75	-	23000.28	-	22549.81	-	28719.24	-	54365.29
Total National Imports	-	660408.90	-	840506.31	-	1012311.70	-	1374435.55	-	1363735.55
% Share of Agricultural Import in National Imports	-	2.42	-	2.74	-	2.23	-	2.09	-	3.99

(Contd.)

Table: 12.2 (Contd.)

Commodity	2010-11		2011-12		2012-13		2013-14		2014-15(P)	
	Quantity (12)	Value (13)	Quantity (14)	Value (15)	Quantity (16)	Value (17)	Quantity (18)	Value (19)	Quantity (20)	Value (21)
(1)										
Marine Products	28.35	429.04	34.22	569.53	28.10	452.70	31.22	411.01	27.58	451.74
Jute Hessian	-	-	-	-	-	-	-	79.92	-	177.79
Cotton (Raw & Waste)	58.41	623.54	77.42	1059.19	232.55	2466.74	180.98	2375.78	258.88	3101.08
Cereal Preparation	37.09	228.84	48.06	316.89	51.56	53.47	419.34	404.29	63.12	566.84
Milled Products	-	-	-	-	-	-	3.98	22.01	3.47	17.72
Jute (Raw)	83.31	302.49	181.26	449.17	148.73	370.79	52.65	146.25	44.00	139.58
Cocoa Products	-	-	-	-	-	-	51.63	1071.55	65.31	1551.09
Animal Casings	-	-	-	-	-	-	0.00	0.00	-	-
Alcoholic Beverages	-	-	-	-	-	-	-	2076.18	-	2503.44
Ayush and Herbal Products	-	-	-	-	-	-	10.86	318.50	9.54	354.59
Total Agricultural Imports	-	52652.88	-	74284.58	-	99338.66	-	87465.66	-	115434.49
Total National Imports	-	1683466.96	-	2345463.24	-	2669161.96	-	2715433.91	-	2733935.41
% Share of Agricultural Import in National Imports	-	3.13	-	3.17	-	3.72	-	3.22	-	4.22

Source : Directorate General of Commercial Intelligence & Statistics, Ministry of Commerce & Industry.

Note: Commodities covered under Agriculture sector have been revised after consultation with Trade Division, DAC&FW

(P) - Provisional

Table 12.3: India's Exports of Agricultural Products

Commodity	2005-06		2006-07		2007-08		2008-09		2009-10	
	Quantity (2)	Value (3)	Quantity (4)	Value (5)	Quantity (6)	Value (7)	Quantity (8)	Value (9)	Quantity (10)	Value (11)
(1)										
Tea	162.86	1730.73	185.63	1969.51	197.39	2034.17	207.46	2688.87	207.53	2943.53
Coffee	177.68	1588.69	213.65	1969.00	178.30	1872.27	174.08	2255.76	157.41	2032.06
Rice Basmati	1166.57	3043.10	1045.73	2792.81	1183.36	4344.58	1556.41	9477.03	2016.87	10889.60
Rice (Other than Basmati)	2921.6	3178.17	3702.22	4243.10	5286.08	7410.03	931.89	1687.37	139.54	365.30
Wheat	746.18	557.53	46.64	35.35	0.24	0.24	1.12	1.46	0.03	0.06
Other Cereals	567.22	453.82	730.38	599.25	3228.05	3002.33	3999.65	3920.58	2892.42	2973.19
Pulses	447.44	1115.21	250.70	773.34	164.20	526.41	136.27	540.22	99.92	407.35
Tobacco Unmanufactured	142.7	1021.32	158.25	1251.28	173.34	1432.80	208.31	2766.27	230.80	3621.44
Tobacco Manufactured	-	309.34	-	433.89	-	499.09	-	694.78	-	722.96
Spices	400.24	2115.98	482.80	3157.90	614.86	4314.86	673.87	6338.42	663.21	6157.33
Cashew	125.1	2584.70	122.78	2491.18	111.26	2209.60	126.15	2900.97	117.99	2801.58
Cashewnut Shell Liquid	5.94	8.67	8.09	15.34	14.78	25.17	10.82	29.69	11.23	27.62
Sesamum Seed	199.81	746.60	233.34	939.58	317.01	1642.29	196.98	1494.26	215.73	1494.10
Niger Seeds	28.42	60.25	30.02	66.87	21.68	90.03	13.72	64.23	6.00	24.23
Groundnut	190.06	513.69	251.43	798.46	269.59	1054.08	297.89	1239.01	340.24	1425.93
Other oil seeds	-	-	-	-	-	-	-	-	-	-
Vegetable oils	-	-	-	-	-	-	-	-	-	-

(Contd.)

Table: 12.3 (Contd.)

	2010-11		2011-12		2012-13		2013-14		2014-15(P)	
	Quantity (12)	Value (13)	Quantity (14)	Value (15)	Quantity (16)	Value (17)	Quantity (18)	Value (19)	Quantity (20)	Value (21)
Tea	238.34	3354.31	292.35	4078.53	268.80	4718.79	249.91	4873.34	215.21	4166.14
Coffee	232.63	3009.91	278.87	4534.62	254.02	4711.07	253.90	4799.10	221.39	4973.25
Rice Basmati	2370.68	11354.77	3178.18	15449.60	3459.89	19409.39	3754.09	29291.82	3702.26	27598.71
Rice (Other than Basmati)	100.68	231.29	3997.72	8659.13	6688.00	14448.81	7136.14	17795.21	8225.53	20336.00
Wheat	0.40	0.70	740.75	1023.27	6514.82	10529.00	5572.01	9277.65	2914.74	4974.61
Other Cereals	3220.07	3648.49	4073.69	5492.92	5441.31	8180.61	4926.05	7178.14	3510.55	5258.41
Pulses	208.02	865.74	174.20	1065.84	201.70	1280.00	345.66	1749.30	222.10	1218.10
Tobacco Unmanufactured	215.88	3151.65	197.17	2899.46	230.41	3815.76	237.11	4782.74	219.57	4162.70
Tobacco Manufactured	-	833.74	-	1106.96	-	1214.47	-	1351.72	-	1705.85
Spices	762.71	8043.47	935.82	13220.23	1008.86	15364.97	895.91	15146.36	923.27	14842.36
Cashew	105.76	2819.39	131.76	4390.68	104.04	4067.21	120.68	5095.49	134.49	5565.77
Cashewnut Shell Liquid	12.05	33.77	14.63	59.46	9.19	29.84	9.48	38.61	10.94	55.81
Sesamum Seed	398.44	2307.52	389.15	2641.66	299.48	2880.85	257.44	3583.46	375.66	4717.77
Niger Seeds	12.86	44.51	28.23	117.27	17.90	90.13	20.84	113.61	18.04	108.23
Groundnut	433.75	2178.41	832.62	5246.45	535.64	4065.36	509.75	3187.66	708.39	4675.38
Other oil seeds	-	-	-	-	-	-	194.46	945.53	247.54	1135.36
Vegetable oils	-	-	-	-	-	-	23.01	324.82	41.56	579.54

(Contd.)

Table: 12.3 (Contd.)

Commodity	2005-06		2006-07		2007-08		2008-09		2009-10	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Oil Meals	5976	4875.01	6437.43	5504.32	6908.50	8140.55	6742.94	10269.24	4671.13	7831.79
Guar gum Meal	186.73	1049.23	189.33	1125.79	211.17	1125.75	258.57	1338.99	218.47	1133.31
Castor Oil	254.72	939.74	294.87	1090.11	282.18	1275.72	357.26	2128.72	398.00	2179.28
Shellac	9.3	159.98	7.51	147.20	8.08	123.99	6.03	103.89	4.05	71.30
Sugar	321.2	569.10	1643.40	3127.47	4684.55	5412.16	3332.08	4448.74	44.74	110.21
Molasses	72.94	28.81	326.87	133.37	897.52	250.62	172.20	82.70	31.10	19.78
Fruits/Vegetable Seeds	7.52	92.96	8.10	121.59	10.08	141.96	8.54	119.99	8.88	145.08
Fresh Fruits	-	1120.69	-	1413.98	-	1446.59	-	1945.24	-	2269.08
Fresh Vegetables	-	919.81	-	1546.53	-	1477.89	-	2454.15	-	2941.73
Processed Vegetables	-	494.48	-	650.23	-	602.18	-	711.22	-	752.30
Processed Fruits and Juices	-	599.91	-	711.40	-	773.40	-	1099.15	-	1159.32
Miscellaneous Processed Items	-	989.53	-	1125.05	-	1362.39	-	2077.44	-	2095.29
Meat & Preparations	-	2750.17	-	3314.03	-	3749.47	-	5371.42	-	6286.10
Dairy Products	-	794.61	-	497.09	-	960.24	-	1130.08	-	549.37
Poultry Products	-	313.37	-	313.82	-	429.53	-	413.53	-	366.10
Floriculture Products	-	301.45	-	652.70	-	340.30	-	368.81	-	294.46
Marine Products	554.2	7035.91	611.55	8001.04	490.06	6926.67	464.90	7066.37	709.88	9899.98
Jute Hessian	-	490.90	-	375.81	-	464.44	-	415.59	-	307.63

(Contd.)

	2010-11				2011-12				2012-13				2013-14				2014-15 ^(P)			
	Quantity		Value		Quantity		Value		Quantity		Value		Quantity		Value		Quantity		Value	
	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)
Oil Meals	6936.93	11069.58	7406.37	11796.46	6578.18	16519.53	9830.21	17070.13	3904.38	8128.60										
Guar gum Meal	441.61	2938.70	707.33	16523.87	406.31	21287.00	601.96	11735.41	665.22	9479.91										
Castor Oil	424.49	2982.92	492.63	4571.67	565.99	4309.82	544.80	4364.33	546.50	4710.18										
Shellac	4.39	140.07	4.55	256.79	3.60	401.74	7.74	513.96	5.24	267.47										
Sugar	1714.37	5419.16	2741.36	8766.78	2794.49	8576.63	2535.31	7178.50	1954.44	5326.66										
Molasses	371.92	214.09	384.13	204.33	342.15	223.03	211.66	147.29	213.46	171.04										
Fruits/Vegetable Seeds	11.62	184.96	15.21	287.76	17.17	347.72	19.34	416.58	12.50	427.03										
Fresh Fruits	-	2174.13	-	2557.55	-	3295.12	525.18	3645.62	484.41	3148.08										
Fresh Vegetables	-	2545.88	-	2907.15	-	3288.33	2288.29	5384.47	2019.33	4611.64										
Processed Vegetables	-	764.00	-	1057.36	-	1119.66	-	1288.86	-	1725.34										
Processed Fruits and Juices	-	1041.12	-	1656.19	-	1968.77	-	3332.05	-	3625.68										
Miscellaneous Processed Items	-	2628.26	-	3832.33	-	4962.66	-	2531.48	-	2795.97										
Meat & Preparations	-	8960.07	-	14110.93	-	17903.20	1389.02	27163.01	1499.80	30127.37										
Dairy Products	-	850.17	-	610.60	-	1768.77	-	4407.78	-	2161.68										
Poultry Products	-	283.67	-	388.35	-	460.13	-	566.81	-	651.20										
Floriculture Products	-	296.05	-	365.32	-	423.45	-	455.90	-	460.76										
Marine Products	825.31	11917.11	972.21	16584.71	965.10	18841.20	1192.88	30627.28	1073.27	33685.45										
Jute Hessian	-	722.87	-	945.83	-	876.68	-	859.59	-	761.88										

(Contd.)

Table: 12.3 (Contd.)

Commodity	2005-06		2006-07		2007-08		2008-09		2009-10	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Cotton Raw including Waste	614.8	2904.35	1162.22	6107.81	1557.59	8865.39	457.56	2865.85	1357.99	9537.08
Cereal Preparations	-	-	-	-	-	-	-	-	-	-
Milled Products	-	-	-	-	-	-	-	-	-	-
Jute, Raw	-	-	-	-	-	-	-	-	-	-
Cocoa Products	-	-	-	-	-	-	-	-	-	-
Animal Casings	-	-	-	-	-	-	-	-	-	-
Alcoholic Beverages	-	253.16	-	271.67	-	346.29	-	554.48	-	608.48
Ayush and Herbal Products	-	-	-	-	-	-	-	-	-	-
Total Agricultural Exports	-	45710.97	-	57767.87	-	74673.48	-	81064.52	-	84443.95
Total National Exports	-	456417.86	-	571779.28	-	655863.52	-	840755.06	-	845533.64
% Share of Agricultural Exports in National Exports	-	10.02	-	10.10	-	11.39	-	9.64	-	9.99

(Contd.)

Table 12.3 (Contd.)

	2010-11		2011-12		2012-13		2013-14		2014-15 ^(P)	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Cotton Raw including Waste	1885.77	13160.47	2003.58	21624.20	2056.69	20276.51	1947.68	22337.84	1142.53	11642.65
Cereal Preparations	-	-	-	-	-	-	319.51	2856.26	306.09	3033.24
Milled Products	-	-	-	-	-	-	419.26	1008.01	415.71	1018.52
Jute, Raw	-	-	-	-	-	-	44.02	113.35	37.37	119.20
Cocoa Products	-	-	-	-	-	-	16.23	573.22	20.88	848.85
Animal Casings	-	-	-	-	-	-	0.27	28.46	26.05	19.33
Alcoholic Beverages	-	848.04	-	1494.37	-	1962.07	-	2429.67	-	2262.26
Ayush and Herbal Products	-	-	-	-	-	-	76.72	2208.55	92.07	2169.29
Total Agricultural Exports	-	111018.99	-	180528.60	-	223618.24	-	262778.96	-	239453.23
Total National Exports	-	1142921.92	-	1465959.39	-	1634318.84	-	1905011.09	-	1891644.67
% Share of Agricultural Exports in National Exports	-	9.71	-	12.31	-	13.68	-	13.79	-	12.66

Source : Directorate General of Commercial Intelligence & Statistics, Ministry of Commerce & Industry.

Note: 1. Commodities covered under Agriculture sector have been revised after consultation with Trade Divisio, DAC&FW

2. Meat & Preparations include Buffalo Meat, Sheep/Goat Meat, Other Meat and Processed Meat.

(P) - Provisional

Table 12.4 : Tariffs and Bound Rates on Major Agricultural Commodities/Groups

S. No	Item description	Basic Customs duty (%) (As on 25.08.2015)	Bound duty (%) (As on 25.08.2015)
(1)	(2)	(3)	(4)
I. Cereals and Pulses			
1	Pulses	Nil	100
2	Wheat	10%	100
3	Maize (Corn) seed	50	70
4	Rice in the husk	80	80
5	Husked (brown) rice; broken rice	80	80
6	Semi-milled or wholly milled rice whether or not polished	70	70
7	Millet, Jowar	50	70
8	Sorghum	50	80
9	Buck wheat and canary seed	free	100
10	Other cereals (rye, barley etc.)	free	100
II. Cereals Products			
1	Atta	Nil	150
2	Maida	30	150
3	Sooji	30	150
4	Wheat and potato starch	30	35
5	Flour, meal and powder of dried leguminous vegetables including sago, tamarind and mango	30	150
6	Other starches	50	100
7	Roasted malt	30	100
8	Unroasted malt	30	40
III. Dairy Products			
1	Fresh milk and cream	30	100
2	Butter and melted butter (ghee)	30	40
3	Cheese	30	40
4	Milk powder	60*	60
5	Yoghurt	30	150
IV. Plantation Crops			
1	Tea	100	150
2	Coffee	100	100
3	Coconut	70	100
4	Copra	70	100
5	Cassia and cinnamon	30	100
6	Cloves	35	100
7	Other Spices	30/70	150/100

(Contd.)

Table: 12.4 (Contd.)

S. No	Item description	Basic Customs duty (%) (As on 25.08.2015)	Bound duty (%) (As on 25.08.2015)
(1)	(2)	(3)	(4)
V. Meat & Poultry			
1	Chicken sausages	100	150
2	Chicken leg (processed)	100	150
3	Meat of poultry, not cut in pieces, fresh or chilled	30	100
4	Raw hams, pig fat; meat of bovine animals	30	100
5	Other meat and offal	30	100
6	Processed hams	30	55
7	Fish	30	Unbound
VI. Sugar		40	150
VII. Horticulture			
1	Apples	50	50
2	Grapefruit	25	25
3	Strawberries, dried apricots etc.	30	100
4	Banana, Pears and quinces	30	35
5	Oranges; lemons and limes; fresh grapes	30	40/100
6	Fresh pomegranates, lichi, tamarind (fresh), custard apple	15	100
7	Other fruits except Sapota (Black berries etc.)	30	100/150
8	Garlic	100	100
9	Onions & Shallots	Nil	100
10	Mushrooms	30	100
11	Potato	30	150
12	Sweet Potato	30	150
13	Frozen vegetables-peas, beans, spinach, sweet corn etc.	30	55
14	Other edible roots and tubers with high starch or insulin content, fresh or chilled (cassava)	30	100
15	All other vegetables	30	100
16	Arecanut	100	100
17	Hop cones (ground, powdered or pellets)	30	75
18	Hop cones (other than ground, powdered or pellets)	30	100
19	Betel leaves	30	100
20	Planting materials of oilseeds	5	10
21	Oilseeds, misc grains, seeds of fruits, industrial or medicinal plants (other than the kind used for sowing and hop cones)	30	100

(Contd.)

Table: 12..4 (Contd.)

S. No	Item description	Basic Customs duty (%) (As on 25.08.2015)	Bound duty (%) (As on 25.08.2015)
(1)	(2)	(3)	(4)
22	Basil, hyasop, rosemary, sage, savory, comboge fruit rind	15	100
23	Apricot, peach or plum stones and kernels	100	100
24	Seeds of a kind used for sowing (other than vegetable seeds)	15	100
25	Vegetable seeds	5	10
26	Oilcake and oilcake meal solvent extracted (defatted) variety of coconut/ copra; oilcake and oilcake meal expeller variety of coconut/ copra	15	100
VIII. Edible Oils (Crude)			
1	Soyabean Oil	7.5	45
2	Palm Oil (for manufacture of vanaspati)	7.5	300
3	Groundnut Oil	7.5	300
4	Sunflower/ Safflower	7.5	300
5	Coconut Oil	7.5	300
6	Rapeseed Oil	7.5	75
7	Colza or Mustard Oil	7.5	75
8	Castor Oil/ Tung Oil	7.5	100
9	Other Oils	7.5	300
10	Safflower	7.5	300
IX. Edible Oils (Refined)			
1	Soyabean Oil	15	45
2	RBD Palmolein	15	300
3	Palm Oil	15	300
4	Groundnut Oil	15	300
5	Sunflower	15	300
6	Coconut Oil Edible grade	15	300
7	Coconut Oil Other	15	300
8	Rapeseed Oil	15	75
9	Colza or Mustard Oil	15	75
10	Castor Oil/ Tung Oil	15	100
11	Safflower	15	300
12	Other Oils edible grade	15	300
13	Other Oils other than edible grade	65	100/300

Source: Department of Revenue, Ministry of Finance.

Note: Duty on pulses was reduced to Zero on 8.6.2006 and the exemption is valid on gram upto 30.9.2015.

With effect from 1.3.2007, all edible oils have been exempted from additional duty of customs of 4%.

The zero duty on maize is available for a tariff rate quota (TRQ) of 5 lakh metric tonnes.

* Nil upto 30000 MT of total imports in a Financial Year

Table 12.5(a): Trends in Wholesale Price Index of Foodgrains (Base:2004-05=100)

Commodity	Weight	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ALL COMMODITIES	100.00	116.6	126.0	130.8	143.3	156.1	167.6	177.6	181.2
(a) PRIMARY ARTICLES	20.12	123.9	137.5	154.9	182.4	200.3	220.0	241.6	248.8
(b) FUEL & POWER	14.91	121.0	135.0	132.1	148.3	169.0	186.5	205.4	203.5
(c) MANUFACTURED PRODUCTS	64.97	113.4	120.4	123.1	130.1	139.5	147.1	151.5	155.1
FOOD GRAINS (CEREALS+PULSES)	4.09	130.9	145.3	166.4	174.4	180.7	207.1	226.0	235.0
(a) CEREALS	3.37	127.9	143.1	161.2	169.7	176.2	199.9	225.5	233.6
Rice	1.79	122.5	140.6	157.9	167.2	172.3	194.2	226.2	241.4
Wheat	1.12	134.3	147.6	166.5	171.4	168.3	194.4	212.3	211.7
Jowar	0.10	148.0	151.2	168.6	189.5	248.6	235.8	251.2	288.5
Bajra	0.12	128.0	139.2	168.1	175.6	193.2	233.5	256.9	250.7
Maize	0.22	130.2	139.1	153.3	168.9	205.6	234.0	251.2	241.7
Barley	0.02	136.6	152.9	150.6	165.7	180.2	208.0	214.3	227.7
Ragi	0.02	123.4	134.9	174.7	173.8	204.9	278.3	337.3	327.5
(b) PULSES	0.72	144.9	155.8	190.8	196.9	201.8	241.3	228.0	241.4
Gram	0.33	149.0	153.8	152.2	150.0	193.8	266.3	217.3	198.0
Arhar	0.14	126.1	144.3	214.7	205.1	183.2	199.4	212.3	230.8
Moong	0.08	141.2	150.4	233.8	280.4	244.4	259.5	295.9	358.0
Masur	0.06	145.7	196.2	228.2	194.5	162.8	193.9	217.2	265.4
Urad	0.10	159.8	159.8	228.4	271.8	240.0	227.7	234.3	288.3
(c) SUGAR, KHANDSARI & GUR	2.09	90.9	106.8	161.9	160.5	167.7	185.7	183.0	182.7
Sugar	1.74	93.4	108.5	166.8	165.0	173.4	193.1	188.4	187.8
Gur	0.08	95.7	127.2	195.4	197.2	197.2	217.1	220.1	216.9
Khandsari	0.06	90.2	106.8	155.9	159.9	170.9	183.7	182.0	182.3
FOOD ARTICLES	14.34	123.6	134.8	155.4	179.6	192.7	211.8	238.9	253.4
NON-FOOD ARTICLES	4.26	114.4	129.2	136.2	166.6	182.7	201.9	213.2	212.1

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

Table 12.5(b): Growth Rate (%) of Wholesale Price Index of Foodgrains (Base:2004-05=100)

Commodity	Weight	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ALL COMMODITIES	100.00	4.7	8.1	3.8	9.6	8.9	7.4	6.0	2.0
(a) PRIMARY ARTICLES	20.12	8.3	11.0	12.7	17.7	9.8	9.8	9.8	3.0
(b) FUEL & POWER	14.91	0.0	11.6	-2.1	12.3	14.0	10.3	10.2	-0.9
(c) MANUFACTURED PRODUCTS	64.97	4.8	6.2	2.2	5.7	7.3	5.4	3.0	2.4
FOOD GRAINS (CEREALS+PULSES)	4.09	6.9	11.0	14.5	4.9	3.6	14.6	9.1	4.0
(a). CEREALS	3.37	9.5	11.9	12.6	5.3	3.9	13.4	12.8	3.6
Rice	1.79	11.3	14.8	12.3	5.9	3.1	12.7	16.5	6.7
Wheat	1.12	7.3	9.9	12.8	3.0	-1.8	15.5	9.2	-0.3
Jowar	0.10	18.8	2.2	11.5	12.4	31.1	-5.1	6.5	14.9
Bajra	0.12	4.5	8.7	20.8	4.5	10.0	20.8	10.0	-2.4
Maize	0.22	6.3	6.8	10.2	10.2	21.7	13.8	7.4	-3.8
Barley	0.02	10.4	11.9	-1.5	10.0	8.8	15.5	3.0	6.2
Ragi	0.02	10.0	9.4	29.5	-0.5	17.9	35.8	21.2	-2.9
(b) PULSES	0.72	-2.8	7.5	22.4	3.2	2.5	19.6	-5.5	5.9
Gram	0.33	-4.6	3.2	-1.1	-1.4	29.2	37.4	-18.4	-8.9
Arhar	0.14	16.4	14.4	48.8	-4.5	-10.7	8.8	6.5	8.7
Moong	0.08	-11.9	6.5	55.4	19.9	-12.8	6.2	14.0	21.0
Masur	0.06	26.7	34.7	16.3	-14.8	-16.3	19.1	12.0	22.2
Urad	0.10	-16.5	0.0	43.0	19.0	-11.7	-5.1	2.9	23.0
(c) SUGAR, KHANDSARI & GUR	2.09	-15.4	17.5	51.6	-0.9	4.5	10.7	-1.5	-0.1
Sugar	1.74	-14.8	16.2	53.7	-1.1	5.1	11.3	-2.4	-0.3
Gur	0.08	-12.4	32.9	53.6	0.9	0.0	10.1	1.3	-1.5
Khandsari	0.06	-16.6	18.3	46.0	2.6	6.9	7.5	-0.9	0.2
FOOD ARTICLES	14.34	7.0	9.1	15.3	15.6	7.3	9.9	12.8	6.1
NON-FOOD ARTICLES	4.26	11.9	12.9	5.5	22.3	9.6	10.5	5.6	-0.5

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

Table 12.6(a): Trends in Wholesale Price Index of Commercial Crops (Base: 2004-05=100)

Commodity	Weight	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
A. OIL SEEDS	1.78	113.2	131.2	135.0	141.3	158.8	198.0	202.6	208.9
Groundnut Seed	0.40	140.3	144.3	148.0	164.8	200.0	246.9	219.1	210.3
Rape & Mustard Seed	0.34	118.2	144.4	139.2	135.1	149.8	202.7	189.3	193.9
Cotton Seed	0.21	112.3	126.0	132.3	132.8	143.4	162.1	177.6	172.8
Copra (Coconut)	0.25	66.6	82.7	70.6	92.9	112.9	92.4	117.4	186.2
Gingelly Seed (Sesamum)	0.07	134.8	166.1	233.5	247.5	203.8	312.4	417.5	425.5
Niger Seed	0.01	184.4	228.1	169.1	143.6	167.1	192.3	174.2	199.1
Safflower (Kardi Seed)	0.01	103.0	120.5	122.2	134.6	138.4	149.5	158.0	136.0
Sunflower	0.08	132.0	130.9	124.7	140.8	162.7	181.7	193.8	183.3
Soyabean	0.37	100.7	129.8	141.2	128.4	140.8	211.9	226.3	216.5
a1 EDIBLE OILS	3.04	116.0	121.6	114.4	120.6	135.7	148.1	147.0	145.0
Gingelly Oil	0.05	113.4	129.5	127.9	134.2	146.4	171.3	183.1	178.5
Mustard & Rapeseed Oil	0.45	109.3	122.4	115.3	116.3	135.9	154.2	154.0	157.5
Copra Oil	0.10	93.7	99.9	94.6	100.1	119.9	114.4	121.2	139.8
Groundnut Oil	0.30	133.6	131.2	127.8	145.3	163.8	192.6	181.6	167.3
Cotton Seed Oil	0.26	132.9	142.7	118.1	124.3	149.5	175.5	176.8	175.7
Sunflower Oil	0.17	125.1	124.1	113.2	120.4	132.0	138.0	131.8	124.9
Soyabean Oil	0.38	118.7	126.2	117.6	125.6	147.2	162.2	159.2	153.5
B. FRUITS & VEGETABLES	3.84	124.6	134.9	147.8	172.1	183.2	198.4	244.3	257.3
b1. VEGETABLES	1.74	137.1	141.9	161.8	182.8	179.3	210.1	294.5	276.6

(Contd.)

Table: 12.6(a) (Contd.)

Commodity	Weight	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Potato	0.20	146.9	110.3	206.2	132.0	129.0	207.0	220.1	297.2
Onion	0.18	174.7	177.8	204.3	259.6	186.7	232.5	482.2	333.7
b2. FRUITS	2.11	114.4	129.1	136.2	163.2	186.4	188.8	202.9	241.5
Banana	0.34	120.6	132.5	146.6	163.0	173.4	210.5	246.6	288.2
Apple	0.10	124.6	134.7	171.2	173.6	220.4	241.4	228.6	240.1
Orange	0.13	113.5	138.3	148.6	185.3	237.4	228.3	208.9	237.7
C. CONDIMENTS & SPICES	0.57	142.9	151.2	182.7	244.0	237.5	209.5	245.6	298.8
Black Pepper	0.03	184.6	180.8	186.3	247.1	402.9	519.0	553.2	736.7
Chillies (Dry)	0.16	157.1	182.6	205.2	221.8	277.1	235.1	267.0	296.7
Turneric	0.08	82.8	105.4	210.3	401.7	214.9	166.3	215.3	229.6
D. RAW COTTON	0.70	111.8	141.2	138.6	199.3	225.2	206.0	236.5	206.1
E. RAW JUTE	0.06	122.4	137.9	160.5	210.7	222.5	242.4	261.9	288.1

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

Table 12.6(b): Growth Rate (Inflation) of Wholesale Price Index of Commercial Crops (Base: 2004-05=100)

Commodity	Weight	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
A. OIL SEEDS	1.78	19.8	15.9	2.9	4.7	12.3	24.7	2.3	3.1
Groundnut Seed	0.40	28.1	2.8	2.5	11.4	21.4	23.4	-11.3	-4.0
Rape & Mustard Seed	0.34	18.2	22.2	-3.6	-3.0	10.9	35.3	-6.6	2.5
Cotton Seed	0.21	16.2	12.2	5.0	0.4	8.0	13.1	9.5	-2.7
Copra (Coconut)	0.25	-7.3	24.1	-14.6	31.6	21.5	-18.2	27.1	58.6
Gingelly Seed (Sesamum)	0.07	9.4	23.2	40.6	6.0	-17.7	53.3	33.7	1.9
Niger Seed	0.01	80.6	23.7	-25.9	-15.1	16.4	15.1	-9.4	14.3
Safflower (Kardi Seed)	0.01	17.5	16.9	1.4	10.2	2.8	8.1	5.7	-13.9
Sunflower	0.08	29.9	-0.9	-4.7	12.9	15.6	11.7	6.6	-5.4
Soyabean	0.37	26.7	28.9	8.9	-9.1	9.7	50.5	6.8	-4.4
a1. EDIBLE OILS	3.04	13.2	4.8	-5.9	5.4	12.6	9.1	-0.8	-1.3
Gingelly Oil	0.05	16.7	14.2	-1.2	4.9	9.0	17.0	6.9	-2.5
Mustard & Rapeseed Oil	0.45	12.8	12.0	-5.8	0.9	16.8	13.5	-0.1	2.3
Copra Oil	0.10	-0.5	6.6	-5.3	5.8	19.8	-4.6	5.9	15.4
Groundnut Oil	0.30	22.1	-1.8	-2.6	13.6	12.8	17.5	-5.7	-7.9
Cotton Seed Oil	0.26	25.0	7.4	-17.2	5.2	20.3	17.4	0.8	-0.6
Sunflower Oil	0.17	19.5	-0.8	-8.8	6.4	9.6	4.5	-4.5	-5.2
Soyabean Oil	0.38	15.1	6.3	-6.8	6.8	17.2	10.2	-1.9	-3.6
B. FRUITS & VEGETABLES	3.84	11.5	8.2	9.6	16.4	6.5	8.3	23.1	5.4
b1. VEGETABLES	1.74	19.9	3.5	14.0	13.0	-2.0	17.2	40.2	-6.1
Potato	0.20	10.8	-24.9	87.0	-36.0	-2.3	60.5	6.3	35.1

Table: 12.6(b) (Contd.)

Commodity	Weight	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Onion	0.18	50.7	1.8	14.9	27.1	-28.1	24.6	107.4	-30.8
b2. FRUITS	2.11	4.3	12.9	5.5	19.8	14.2	1.3	7.5	19.0
Banana	0.34	4.6	9.9	10.7	11.2	6.4	21.4	17.2	16.9
Apple	0.10	-0.1	8.1	27.1	1.4	27.0	9.5	-5.3	5
Orange	0.13	-7.9	21.8	7.5	24.7	28.1	-3.8	-8.5	13.8
C. CONDIMENTS & SPICES	0.57	4.5	5.8	20.8	33.6	-2.6	-11.8	17.2	21.7
Black Pepper	0.03	39.4	-2.1	3.0	32.7	63.1	28.8	6.6	33.2
Chillies (Dry)	0.16	-3.2	16.3	12.4	8.1	24.9	-15.2	13.6	11.1
Turmeric	0.08	-6.1	27.4	99.5	91.0	-46.5	-22.6	29.4	6.6
D. RAW COTTON	0.70	15.7	26.3	-1.9	43.9	13.0	-8.5	14.8	-12.9
E. RAW JUTE	0.06	-10.0	12.6	16.4	31.3	5.6	8.9	8.1	10.0

Source: Office of the Economic Adviser, Ministry of Commerce & Industry.

13

Land Use Statistics

Table 13.1: Agricultural Land by use in India

S. No. Classification		(Million Hectares)									
(1)	(2)	1950-51	1960-61	1970-71	1980-81	1990-91	2000-01	2001-02	2002-03	2003-04	
I.	Geographical Area	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	
II.	Reporting Area for Land Utilisation Statistics (1 to 5)	284.32	298.46	303.75	304.16	304.86	305.19	305.13	305.36	305.57	
	1. Forest	40.48	54.05	63.83	67.46	67.81	69.84	69.72	69.82	69.97	
	%	14.24	18.11	21.01	22.18	22.24	22.88	22.85	22.87	22.90	
	2. Not Available for Cultivation (A+B)	47.52	50.75	44.61	39.55	40.48	41.23	41.33	41.64	41.98	
	(A) Area Under Non-agricultural Uses	9.36	14.84	16.48	19.60	21.09	23.75	23.91	24.12	24.52	
	%	3.29	4.97	5.42	6.44	6.92	7.78	7.84	7.90	8.02	
	(B) Barren & Un-culturable Land	38.16	35.91	28.13	19.96	19.39	17.48	17.41	17.52	17.47	
	%	13.42	12.03	9.26	6.56	6.36	5.73	5.71	5.74	5.72	
	3. Other Uncultivated land excluding Fallow Land (A+B+C)	49.45	37.64	35.13	32.31	30.22	27.74	27.49	27.53	27.11	
	(A) Permanent Pasture & other Grazing Land	6.68	13.97	13.26	11.99	11.40	10.66	10.53	10.45	10.48	
	%	2.35	4.68	4.37	3.94	3.74	3.49	3.45	3.42	3.43	
	(B) Land under Miscellaneous Tree Crops & Groves not included in Net Area Sown	19.83	4.46	4.37	3.58	3.82	3.44	3.44	3.43	3.38	
	%	6.97	1.49	1.44	1.18	1.25	1.13	1.13	1.12	1.11	
	(C) Culturable Waste Land	22.94	19.21	17.50	16.74	15.00	13.63	13.52	13.65	13.24	
	%	8.07	6.44	5.76	5.51	4.92	4.47	4.43	4.47	4.33	

(Contd.)

Table: 13.1 (Contd.)

S.No.	Classification	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
I.	Geographical Area	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73	328.73
II.	Reporting Area for Land Utilization Statistics (1to5)	305.59	305.45	305.65	305.67	305.84	305.84	305.92	305.83	305.94
	1. Forest	69.96	69.99	70.03	69.96	69.98	69.99	70.03	70.04	70.01
	%	22.89	22.92	22.91	22.89	22.88	22.88	22.89	22.90	22.88
	2. Not Available for Cultivation (A+B)	42.23	42.32	42.73	42.90	43.06	43.33	43.57	43.53	43.74
	(A) Area Under Non-agricultural Uses	24.76	24.99	25.45	25.88	26.21	26.16	26.40	26.31	26.45
	%	8.10	8.18	8.32	8.47	8.57	8.55	8.63	8.60	8.65
	(B) Barren & Un-culturable Land	17.47	17.33	17.29	17.02	16.85	17.18	17.18	17.22	17.28
	%	5.72	5.67	5.66	5.57	5.51	5.62	5.61	5.63	5.65
	3. Other Uncultivated land excluding Fallow Land (A+B+C)	27.09	27.06	27.04	26.81	26.42	26.50	26.16	26.12	25.98
	(A) Permanent Pasture & other Grazing Land	10.45	10.44	10.42	10.36	10.34	10.34	10.31	10.31	10.24
	%	3.42	3.42	3.41	3.39	3.38	3.38	3.37	3.37	3.35
	(B) Land under Miscellaneous Tree Crops & Groves not included in Net Area Sown	3.36	3.39	3.35	3.40	3.34	3.21	3.20	3.17	3.16
	%	1.10	1.11	1.10	1.11	1.09	1.05	1.05	1.04	1.03
	(C) Culturable Waste Land	13.27	13.22	13.27	13.04	12.73	12.95	12.65	12.64	12.58
	%	4.34	4.33	4.34	4.27	4.16	4.23	4.13	4.13	4.11

(Contd.)

Table: 13.1 (Contd.)

S.No. Classification		(Million Hectares)									
(1)	(2)	1950-51	1960-61	1970-71	1980-81	1990-91	2000-01	2001-02	2002-03	2003-04	
	4. Fallow Lands (A+B)	28.12	22.82	19.33	24.55	23.37	25.04	25.86	34.43	25.80	
	(A) Fallow Lands other than Current Fallows	17.45	11.18	8.73	9.72	9.66	10.27	10.51	11.97	11.31	
	%	6.14	3.75	2.87	3.20	3.17	3.36	3.45	3.92	3.70	
	(B) Current Fallows	10.68	11.64	10.60	14.83	13.70	14.78	15.34	22.46	14.49	
	%	3.76	3.90	3.49	4.88	4.49	4.84	5.03	7.36	4.74	
	5. Net Area Sown (6-7)	118.75	133.20	140.86	140.29	142.87	141.34	140.73	131.94	140.71	
	%	41.77	44.63	46.37	46.12	46.86	46.31	46.12	43.21	46.05	
	6. Total Cropped Area (Gross Cropped Area)	131.89	152.77	165.79	172.63	185.74	185.34	188.01	173.89	189.66	
	7. Area Sown more than once	13.15	19.57	24.93	34.63	42.87	44.00	47.28	41.95	48.95	
	8. Cropping Intensity*	111.07	114.69	117.70	123.05	130.01	131.13	133.60	131.79	134.79	
III.	Net Irrigated Area	20.85	24.66	31.10	38.72	48.02	55.20	56.94	53.90	57.10	
IV.	Gross Irrigated Area	22.56	27.98	38.20	49.78	63.20	76.19	78.37	73.06	78.00	

(Contd.)

Table 13.1 (Contd.)

S.No.	Classification	(Million Hectares)											
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13			
(1)	(2)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)			
4.	Fallow Lands (A+B)	25.67	24.91	26.03	24.98	24.48	26.85	24.60	25.18	26.28			
(A)	Fallow Lands other than Current Fallows	10.88	10.70	10.52	10.33	10.29	10.84	10.32	10.66	11.00			
%		3.56	3.50	3.44	3.38	3.36	3.54	3.37	3.49	3.60			
(B)	Current Fallows	14.79	14.21	15.51	14.65	14.19	16.01	14.28	14.51	15.28			
%		4.84	4.65	5.07	4.79	4.64	5.23	4.67	4.75	5.00			
5.	Net Area Sown (6-7)	140.64	141.16	139.82	141.02	141.90	139.17	141.56	140.97	139.93			
%		46.02	46.21	45.75	46.13	46.40	45.50	46.27	46.10	45.74			
6.	Total Cropped Area (Gross Cropped Area)	191.10	192.74	192.38	195.22	195.33	189.00	197.56	195.63	194.40			
7.	Area Sown more than once	50.46	51.58	52.56	54.21	53.43	49.83	56.00	54.66	54.47			
8.	Cropping Intensity*	135.88	136.54	137.59	138.44	137.65	135.80	139.56	138.77	138.92			
III.	Net Irrigated Area	59.23	60.84	62.74	63.19	63.64	61.94	63.66	65.69	66.10			
IV.	Gross Irrigated Area	81.08	84.28	86.75	88.06	88.90	85.08	88.89	91.73	92.58			

Source: Directorate of Economics & Statistics, DAC&FW

Note:

1. Percentage worked out over Reported Area

2. In 2009-10 there is significant decline in Total Cropped Area and Net Area Sown due to decline in net area sown in the states of Andhra Pradesh, Bihar, Jharkhand, Rajasthan, Tamil Nadu, Uttar Pradesh and West Bengal. This was mainly due to deficient rainfall.

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*Cropping Intensity is percentage of the gross cropped area to the net area sown.

Table 13.2: Selected Categories of Land Use

(Million Hectares)						
Year	Net area sown	Total cropped area	Area sown more than once (3-2)	Net Irrigated Area	Gross Irrigated Area	Area Irrigated more than once (6-5)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1950-51	118.75	131.89	13.15	20.85	22.56	1.71
1951-52	119.40	133.23	13.83	21.05	23.18	2.13
1952-53	123.44	137.68	14.23	21.12	23.31	2.18
1953-54	126.81	142.48	15.67	21.87	24.36	2.49
1954-55	127.85	144.09	16.24	22.09	24.95	2.86
1955-56	129.16	147.31	18.16	22.76	25.64	2.88
1956-57	130.85	149.49	18.64	22.53	25.71	3.17
1957-58	129.08	145.83	16.75	23.16	26.63	3.47
1958-59	131.83	151.63	19.80	23.40	26.95	3.55
1959-60	132.94	152.82	19.89	24.04	27.45	3.42
1960-61	133.20	152.77	19.57	24.66	27.98	3.32
1961-62	135.40	156.21	20.81	24.88	28.46	3.58
1962-63	136.34	156.76	20.42	25.67	29.45	3.79
1963-64	136.48	156.96	20.48	25.89	29.71	3.82
1964-65	138.12	159.23	21.11	26.60	30.71	4.10
1965-66	136.20	155.28	19.08	26.34	30.90	4.56
1966-67	137.23	157.36	20.12	26.91	32.68	5.78
1967-68	139.88	163.74	23.86	27.19	33.21	6.01
1968-69	137.31	159.53	22.22	29.01	35.48	6.47
1969-70	138.70	162.27	23.57	30.20	36.97	6.78
1970-71	140.86	165.79	24.93	31.10	38.20	7.09
1971-72	139.72	165.19	25.47	31.55	38.43	6.88
1972-73	137.14	162.15	25.01	31.83	39.06	7.22
1973-74	142.42	169.87	27.46	32.55	40.28	7.74
1974-75	137.79	164.19	26.40	33.71	41.74	8.03
1975-76	141.65	171.30	29.64	34.59	43.36	8.77
1976-77	139.48	167.33	27.86	35.15	43.55	8.40
1977-78	141.95	172.23	30.28	36.55	46.08	9.53
1978-79	142.98	174.80	31.82	38.06	48.31	10.25
1979-80	138.90	169.59	30.69	38.52	49.21	10.69
1980-81	140.29	172.63	32.34	38.72	49.78	11.06
1981-82	142.12	176.75	34.63	40.50	51.41	10.91
1982-83	140.81	172.75	31.94	40.69	51.83	11.14

(Contd.)

Table: 13.2 (Contd.)

(Million Hectares)

Year	Net area sown	Total cropped area	Area sown more than once (3-2)	Net Irrigated Area	Gross Irrigated Area	Area Irrigated more than once (6-5)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1983-84	143.21	179.56	36.35	41.95	53.82	11.88
1984-85	140.90	176.33	35.43	42.15	54.53	12.38
1985-86	140.90	178.46	37.56	41.87	54.28	12.42
1986-87	139.58	176.41	36.83	42.57	55.76	13.19
1987-88	134.09	170.74	36.65	42.89	56.04	13.14
1988-89	141.89	182.28	40.39	46.15	61.13	14.98
1989-90	142.34	182.27	39.93	46.70	61.85	15.15
1990-91	143.00	185.74	42.74	48.02	63.20	15.18
1991-92	141.63	182.24	40.61	49.87	65.68	15.81
1992-93	142.72	185.70	42.98	50.29	66.76	16.47
1993-94	142.34	186.58	44.25	51.34	68.26	16.92
1994-95	142.96	188.05	45.09	53.00	70.65	17.65
1995-96	142.20	187.47	45.27	53.40	71.35	17.95
1996-97	142.93	189.50	46.57	55.11	76.03	20.91
1997-98	141.95	189.99	48.04	55.21	75.67	20.46
1998-99	142.75	191.65	48.90	57.44	78.67	21.23
1999-00	141.06	188.40	47.33	57.53	79.22	21.69
2000-01	141.34	185.34	44.00	55.20	76.19	20.98
2001-02	140.73	188.01	47.28	56.94	78.37	21.44
2002-03	131.94	173.89	41.95	53.90	73.06	19.16
2003-04	140.71	189.66	48.95	57.06	78.04	20.98
2004-05	140.64	191.10	50.46	59.23	81.08	21.85
2005-06	141.16	192.74	51.58	60.84	84.28	23.44
2006-07	139.82	192.38	52.56	62.74	86.75	24.01
2007-08	141.02	195.22	54.21	63.19	88.06	24.87
2008-09(P)	141.90	195.33	53.43	63.64	88.90	25.26
2009-10(P)	139.17	189.00	49.83	61.94	85.08	23.15
2010-11(P)	141.56	197.56	56.00	63.66	88.89	25.23
2011-12(P)	140.97	195.63	54.66	65.69	91.73	26.04
2012-13(P)	139.93	194.40	54.47	66.10	92.58	26.47

Source: Directorate of Economics & Statistics, DAC&FW

P: Provisional

Table 13.3 : Gross Cropped Area Percentage Distribution

Crop	Percentage Share of Area to Gross Cropped Area	
	2011-12*	2012-13*
(1)	(2)	(3)
Rice	22.34	21.99
Jowar	3.16	3.24
Bajra	4.51	3.94
Maize	4.39	4.40
Ragi	0.60	0.57
Wheat	15.41	15.69
Barley	0.34	0.36
Other Cereals & Millets	0.44	0.41
Coarse Cereals	13.44	12.93
Total Cereals	51.19	50.62
Gram	3.97	4.10
Tur	1.92	1.80
Other Pulses	6.08	5.39
Total Pulses	11.97	11.30
Total Food-grains	63.17	61.91
Sugarcane	2.76	2.80
Condiments & Spices	1.86	1.70
Total Fruits	2.06	2.22
Potatoes	0.83	0.85
Onions	0.32	0.28
Total Vegetables	2.78	2.83
Groundnut	2.66	2.71
Sesamum	0.97	0.92
Rapeseed & Mustard	2.80	3.06
Linseed	0.12	0.12
Other Oil Seeds	7.80	8.15
Total Oil Seeds	14.36	14.97
Cotton	6.22	6.11
Jute	0.41	0.40
Mesta	0.04	0.04
Total Fibers	6.71	6.58
Tobacco	0.20	0.22
Other Crops	6.11	6.77
Gross Cropped Area	100.00	100.00

Source: Directorate of Economics & Statistics, DAC&FW

* Provisional

Table 13.4 : State-wise Percent Coverage of Irrigated Area under Principal Crops during 2012-13 (Provisional)

State/UT	Rice	Jowar	Bajra	Maize	Wheat	Barley	Coarse Cereals	Total Cereals	Gram	Tur or Arhar	Total Pulses
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh	96.8	18.6	23.6	49.5	97.0	-	39.7	80.9	1.7	0.5	2.2
Arunachal Pradesh	37.4	-	-	-	43.5	-	-	25.0	-	-	-
Assam**	4.9	-	-	0.4	2.7	-	0.3	4.9	-	-	-
Bihar	62.4	23.0	0.4	65.2	94.6	25.7	63.4	73.9	9.5	1.6	16.2
Chhattisgarh	35.3	1.6	-	9.7	75.0	5.6	4.3	34.3	40.5	-	13.1
Goa	31.8	-	-	-	-	-	-	31.8	-	-	8.9
Gujarat**	61.5	19.8	22.3	12.5	90.8	46.9	18.8	52.3	43.8	7.5	13.5
Haryana	99.9	76.7	41.7	24.3	99.5	94.0	49.8	93.5	19.0	90.0	36.3
Himachal Pradesh**	64.8	-	33.2	8.9	21.6	12.6	9.4	20.7	10.0	100.0	17.1
Jammu & Kashmir	90.5	-	4.1	9.4	28.5	13.1	11.5	39.7	12.7	-	13.5
Jharkhand	6.4	-	-	1.0	96.0	15.3	1.0	10.6	3.7	0.1	0.8
Karnataka	72.2	11.5	12.9	36.1	55.2	-	20.1	35.0	12.2	5.1	7.6
Kerala	74.5	-	-	-	-	-	-	74.3	-	-	-
Madhya Pradesh	26.0	0.2	0.1	2.1	90.8	58.4	4.1	62.2	57.9	1.6	38.5
Maharashtra**	26.1	9.5	5.0	12.7	73.9	-	9.0	19.5	24.3	1.6	9.1
Manipur**	30.7	-	-	-	-	-	-	27.0	-	-	-
Meghalaya	88.3	-	-	-	100.0	-	-	74.3	-	-	-
Mizoram	59.2	-	-	-	-	-	-	47.4	-	-	-
Nagaland	48.2	-	-	0.7	17.1	-	0.6	33.5	10.5	-	0.9

(Contd.)

Table: 13.4 (Contd.)

State/UT	Rice	Jowar	Bajra	Maize	Wheat	Barley	Coarse Cereals	Total Cereals	Gram	Tur or Arhar	Total Pulses
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Odisha	34.0	-	-	3.9	100.0	-	2.5	32.6	-	-	5.8
Punjab	99.6	-	84.8	76.0	98.9	97.7	78.1	98.8	90.9	92.9	88.0
Rajasthan	51.6	0.2	3.3	1.0	99.2	96.9	7.4	38.7	49.2	9.3	21.1
Sikkim**	84.5	-	-	3.0	17.0	12.1	3.4	19.7	-	-	3.0
Tamil Nadu	92.2	13.8	14.4	38.8	18.1	-	24.9	71.9	3.3	5.6	9.3
Tripura**	38.4	-	-	13.4	-	-	13.4	38.0	57.1	27.9	15.9
Uttarakhand	70.3	-	-	1.3	57.7	1.4	0.4	46.4	80.8	0.1	9.8
Uttar Pradesh	83.1	0.6	8.9	37.4	98.4	72.0	24.6	84.8	17.7	12.8	23.8
West Bengal**	48.2	19.6	94.6	14.4	95.9	53.0	18.6	50.2	30.6	27.1	23.4
ALL INDIA	58.3	9.7	9.1	25.5	93.4	76.5	16.5	58.5	36.5	4.0	18.6

(Contd.)

Table: 13.4 (Contd.)

State/UT	Total Foodgrains	Sugarcane	Groundnut	Rapeseed & Mustard	Soybean	Sunflower	Total Oilseeds	Cotton	Tobacco	Total area under all crops
(1)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
Andhra Pradesh	58.9	95.1	24.1	8.1	12.5	48.7	25.6	14.0	29.2	45.9
Arunachal Pradesh	23.9	-	-	-	-	-	-	-	-	19.9
Assam**	4.6	-	-	-	-	-	0.4	-	-	3.8
Bihar	69.5	76.6	17.1	62.2	-	92.2	57.1	-	97.5	68.5
Chhattisgarh	30.7	97.1	12.6	8.0	0.5	97.1	4.3	76.3	84.2	30.3
Goa	26.7	100.0	-	-	-	-	36.9	-	-	22.4
Gujarat**	45.1	94.5	12.4	95.3	-	-	31.1	58.7	100.0	46.9
Haryana	92.5	99.7	97.2	80.8	-	100.0	80.9	99.7	100.0	89.0
Himachal Pradesh**	20.6	53.9	4.8	15.4	32.5	-	18.5	37.5	-	20.6
Jammu & Kashmir	39.0	40.9	-	74.6	-	-	69.0	-	-	41.9
Jharkhand**	9.5	91.6	-	16.7	-	-	5.9	-	-	14.2
Karnataka	26.4	100.0	35.2	6.5	7.0	20.5	30.8	37.7	11.1	34.1
Kerala	73.2	97.4	-	-	-	-	20.6	-	-	17.7
Madhya Pradesh	54.1	99.5	8.1	51.8	0.3	89.6	5.5	53.5	71.6	38.8
Maharashtra**	16.3	100.0	20.8	9.0	0.4	22.8	3.3	2.7	16.7	18.5
Manipur**	23.1	-	-	-	-	-	-	-	-	15.7

(Contd.)

Table: 13.4 (Contd.)

State/UT	Total Foodgrains	Sugarcane	Groundnut	Rapeseed & Mustard	Soybean	Sunflower	Total Oilseeds	Cotton	Tobacco	Total area under all crops
(1)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
Meghalaya	70.0	-	-	58.0	-	-	41.3	-	-	36.8
Mizoram	42.2	-	-	-	-	-	-	-	-	12.6
Nagaland	29.6	-	-	6.7	-	2.2	3.9	-	-	18.9
Odisha	29.6	100.0	22.0	30.2	-	-	17.4	-	-	29.5
Punjab	98.7	95.9	34.2	93.1	-	100.0	88.1	100.0	-	98.4
Rajasthan	34.1	97.8	80.3	89.5	0.2	-	60.3	93.0	77.1	39.5
Sikkim**	18.1	-	-	20.0	1.5	-	11.3	-	-	13.5
Tamil Nadu	59.8	100.0	39.8	16.5	98.9	52.7	64.2	25.1	96.5	58.2
Tripura**	37.3	4.8	17.9	3.7	-	-	5.7	5.4	-	34.9
Uttarakhand	44.2	98.2	2.8	46.2	2.3	-	26.9	-	-	49.3
Uttar Pradesh	77.5	94.4	4.4	85.3	0.3	88.6	50.8	98.2	100.0	78.2
West Bengal**	49.3	59.3	82.1	88.1	87.5	81.6	82.6	79.2	97.5	63.1
ALL INDIA	51.2	95.1	26.0	76.5	0.6	29.7	28.4	33.8	54.3	47.6

Source: Directorate of Economics & Statistics, DAC&FW

** The figures related to irrigated area (Part-II) are either estimated based on the data for the latest available year received from the State/UT or are estimated/taken from Agriculture Census.

Table 13.5: Agricultural Land by Type of Use

(Thousand Hectares)															
State/ UTs/ Year	Geographical area-	Reporting area for land utilis- ation statistics	Forest	Land not available for cultivation	Other uncultivated land excluding Fallow Land				Fallow Land		Net area sown	Total cropped area	Agri. Land/ Cultivable Land/ Cul- turable Land/ Arable Land	Cropping Intensity (Col-14/ Col- 13*100)	
					Permanent pastures & other grazing land	Land under Misc. tree crops & groves not includ. In net area sown	Culturable waste land	Total	Fallow Land other than current fallow	Current fallow					Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Andhra Pradesh															
2010-11	27507	27505	6230	4899	554	290	626	1471	1490	2229	3719	11186	14512	15821	129.7
2011-12	27507	27505	6230	4827	553	289	614	1455	1558	2273	3831	11161	13759	15894	123.3
2012-13	27507	27505	6227	4833	515	278	587	1380	1610	2337	3947	11117	13650	15930	122.8
Arunachal Pradesh															
2010-11	8374	5661	5154 *	64	18	37	64	120	70	40	109	213	278	424	130.5
2011-12	8374	5660	5154 *	64	18	37	64	119	69	39	108	215	281	424	131.0
2012-13	8374	5661	5154 *	64	18	36	64	119	69	38	107	216	285	424	131.7
Assam															
2010-11	7844	7850	1853	2626	160	196	77	432	50	79	128	2811	4160	3211	148.0
2011-12	7844	7850	1853	2620	160	196	78	434	52	81	132	2811	4174	3217	148.5
2012-13 *	7844	7850	1853	2620	160	196	78	434	52	81	132	2811	4197	3217	149.3
Bihar															
2010-11	9416	9360	622	2131	16	245	45	306	122	920	1042	5259	7194	6591	136.8
2011-12	9416	9360	622	2134	16	245	45	306	121	781	902	5396	7647	6588	141.7
2012-13	9416	9360	622	2140	16	246	45	307	122	767	888	5402	7778	6582	144.0
(Contd.)															

(Contd.)

Table: 13.5 (Contd.)

Chattisgarh															
2010-11	13519	13790	6336	1019	855	1	355	1211	275	253	528	4697	5671	5580	120.8
2011-12	13519	13790	6352	1017	863	1	352	1216	257	270	527	4677	5664	5557	121.1
2012-13	13519	13790	6352	1024	861	1	358	1220	265	257	522	4671	5691	5552	121.8
Goa															
2010-11	370	361	125	37	1	1	53	54		13	13	131	160	197	122.1
2011-12	370	361	125	37	1	1	53	54		12	12	132	164	197	124.4
2012-13	370	361	125	37	1	1	53	54		12	12	132	163	197	123.2
Gujarat															
2010-11 *	19602	19069	1834	3723	851	4	1960	2815	16	379	395	10302	12257	12661	119.0
2011-12 *	19602	19069	1834	3723	851	4	1960	2815	16	379	395	10302	13086	12661	127.0
2012-13 *	19602	19069	1834	3723	851	4	1960	2815	16	379	395	10302	12600	12661	122.3
Haryana															
2010-11	4421	4370	39	624	27	11	27	65	3	122	125	3518	6505	3681	184.9
2011-12	4421	4371	39	606	28	9	27	64	21	128	149	3513	6489	3698	184.7
2012-13	4421	4371	40	643	25	4	26	55	18	103	121	3513	6376	3664	181.5
Himachal Pradesh															
2010-11	5567	4576	1126	1131	1508	65	124	1697	21	57	79	543	939	811	172.7
2011-12 *	5567	4576	1126	1131	1508	65	124	1697	21	57	79	543	940	811	172.9
2012-13 *	5567	4576	1126	1131	1508	65	124	1697	21	57	79	543	947	811	174.2
Jammu & Kashmir															
2010-11	22224	3781 *	2023 *	578	119	66	135	321	26	101	127	732	1140	1061	155.8
2011-12	22224	3781 *	2023 *	572	123	61	135	319	13	108	121	746	1161	1063	155.6
2012-13	22224	3781 *	2023 *	573	114	65	134	314	13	113	126	745	1162	1070	156.0

(Contd.)

Table: 13.5 (Contd.)

State/ UTs/ Year	Geographical area-	Reporting area for land utilis ation statistics	Forest	Land not available for cultivation	Other uncultivated land excluding Fallow Land					Fallow Land		Net area sown	Total cropped area	Agri. Land/ Cultivable Land/ Col- Culturable Land/ Arable Land	Cropping Intensity (Col-14/ Col- 13*100)
					Permanent pastures & other grazing land	Land under Misc. tree crops & groves not inclu. In net area sown	Culturable waste land	Total	Fallow Land other than current fallow	Current fallow	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Jharkhand															
2010-11	7972	7970	2239	1332	110	93	336	539	1045	1729	2774	1085	1249	4288	115.1
2011-12	7972	7970	2239	1339	121	99	343	564	1047	1532	2578	1250	1430	4271	114.4
2012-13	7972	7970	2239	1281	114	102	349	565	1038	1440	2478	1406	1657	4336	117.9
Karnataka															
2010-11	19179	19050	3072	2217	912	286	414	1613	426	1199	1626	10523	13062	12849	124.1
2011-12	19179	19050	3072	2220	908	285	413	1607	539	1672	2210	9941	12059	12850	121.3
2012-13	19179	19050	3073	2222	908	283	413	1604	535	1822	2358	9793	11748	12846	120.0
Kerala															
2010-11	3886	3886	1082	510	0	4	92	96	52	76	128	2072	2647	2295	127.8
2011-12	3886	3886	1082	531	0	3	95	99	58	77	135	2040	2662	2274	130.5
2012-13	3886	3886	1082	525	0	3	97	100	56	77	133	2048	2592	2280	126.5
Madhya Pradesh															
2010-11	30825	30756	8697	3424	1328	28	1088	2444	568	503	1072	15119	22046	17307	145.8
2011-12	30825	30756	8691	3460	1321	23	1066	2410	535	424	958	15237	22516	17284	147.8
2012-13	30825	30756	8693	3513	1286	20	1025	2331	493	375	867	15352	23130	17264	150.7

(Contd.)

Table: 13.5 (Contd.)

Maharashtra*																
2010-11	30771	30758	5216	3179	1242	250	919	2412	1179	1366	2545	17406	23175	21121	133.1	
2011-12	30771	30758	5211	3179	1244	250	919	2413	1192	1378	2570	17386	22011	21125	126.6	
2012-13	30771	30758	5207	3177	1245	251	916	2412	1200	1418	2618	17344	21874	21129	126.1	
Manipur*																
2010-11	2233	2125	1742 *	27	1	6	1	8	0	0	0	348	348	355	100.0	
2011-12	2233	2142	1742 *	27	1	6	1	8	0	0	0	365	365	372	100.0	
2012-13	2233	2086	1742 *	27	1	6	1	8	0	0	0	309	309	316	100.0	
Meghalaya																
2010-11	2243	2235	946	238		163	392	555	155	58	213	284	338	1052	119.0	
2011-12	2243	2241	946	239		164	391	555	155	60	215	285	339	1056	118.9	
2012-13	2242.9	2241	946	239		164	391	555	155	60	215	285	340	1056	119.0	
Mizoram																
2010-11	2108	2099	1585	95	5	37	7	49	182	67	249	121	121	414	100.0	
2011-12	2108	2075	1585	95	5	41	7	53	183	61	244	97	97	389	100.0	
2012-13	2108	2094	1585	95	5	41	7	53	194	50	244	116	116	408	100.0	
Nagaland																
2010-11	1658	1625	863	89		103	52	155	100	55	155	362	452	673	124.9	
2011-12	1658	1644	863	95		92	67	159	98	49	147	379	474	686	125.0	
2012-13	1658	1652	863	95		94	70	164	99	50	150	380	489	694	128.5	
Odisha																
2010-11	15571	15472	5814	2279	513	220	520	1253	567	877	1444	4682	5429	6866	116.0	
2011-12	15571	15367	5814	2297	508	200	536	1244	622	997	1619	4394	4964	6749	113.0	
2012-13	15571	15502	5814	2409	536	198	551	1285	659	949	1608	4386	5069	6743	115.6	

(Contd.)

Table: 13.5 (Contd.)

State/ UTs/ Year	Geographical area-	Reporting area for land utilis- ation statistics	Forest	Land not available for cultivation	Other uncultivated land excluding Fallow Land					Fallow Land		Net area sown	Total cropped area	Agri. Land/ Cultivable Land/ Arable Land	Cropping Intensity (Col-14/ Col- 13*100)
					Permanent pastures & other grazing land	Land under Misc. tree crops & groves not inclu. In net area sown	Culturable waste land	Total	Fallow Land other than current fallow	Current fallow	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Punjab															
2010-11	5036	5033	294	533	4	4	4	12	4	33	37	4158	7883	4202	189.6
2011-12	5036	5033	293	486	4	7	63	74	0	45	45	4134	7905	4250	191.2
2012-13	5036	5033	262	480	5	9	62	76	6	58	64	4150	7870	4286	189.6
Rajasthan															
2010-11	34224	34270	2743	4268	1694	21	4233	5949	1726	1235	2962	18349	26002	25565	141.7
2011-12	34224	34267	2747	4271	1694	21	4169	5884	1855	1477	3331	18034	24505	25555	135.9
2012-13	34224	34267	2750	4275	1694	23	4152	5870	2024	1869	3894	17479	23954	25548	137.0
Sikkim*															
2010-11	710	693	584 *	11		8	3	11	4	5	9	77	152	98	195.7
2011-12	710	693	584 *	11		8	3	11	4	5	9	77	137	98	177.3
2012-13	710	693	584 *	11		8	3	11	4	5	9	77	144	98	185.7
Tamil Nadu															
2010-11	13006	13033	2125	2666	110	252	331	693	1580	1015	2595	4954	5753	8132	116.1
2011-12	13006	13033	2125	2669	110	252	329	691	1594	967	2561	4986	5890	8129	118.1
2012-13	13006	13033	2125	2672	110	250	328	687	1696	1308	3004	4544	5140	8126	113.1

(Contd.)

Table: 13.5 (Contd.)

Tripura															
2010-11 *	1049	1049	629	141	2	14	4	20	2	2	4	256	350	277	136.9
2011-12 *	1049	1049	629	141	2	14	4	20	2	2	4	256	371	277	145.2
2012-13 *	1049	1049	629	141	2	14	4	20	2	2	4	256	368	277	144.1
Uttarakhand															
2010-11	5348	5673	3485	442	199	386	310	894	84	43	128	723	1170	1547	161.7
2011-12	5348	5673	3485	443	199	386	311	895	87	48	135	714	1132	1546	158.5
2012-13	5348	5673	3485	449	192	390	315	897	86	51	136	706	1124	1547	159.2
Uttar Pradesh															
2010-11	24093	24170	1658	3321	66	354	426	846	538	1215	1753	16593	25615	19126	154.4
2011-12	24093	24170	1656	3350	66	350	420	836	533	1173	1705	16623	25939	19099	156.0
2012-13	24093	24170	1658	3371	66	350	423	839	537	1201	1739	16564	25821	19075	155.9
West Bengal															
2010-11	8875	8684	1174	1840	5	53	29	87	18	584	602	4981	8832	5666	177.3
2011-12	8875	8684	1174	1810	4	52	31	86	18	399	417	5198	9353	5697	179.9
2012-13	8875	8684	1174	1834	3	50	24	76	15	379	395	5205	9678	5673	185.9
A & N Island															
2010-11 *	825	757	717	9	4	4	3	11	3	3	6	15	19	28	128.8
2011-12 *	825	757	717	9	4	4	3	11	3	3	6	15	18	28	121.4
2012-13 *	825	757	717	9	4	4	3	11	3	3	6	15	25	28	166.8
Chandigarh															
2010-11 *	11	7	0	5	0	0	0	0	0	0	0	1	2	2	151.5
2011-12 *	11	7	0	5	0	0	0	0	0	0	0	1	2	2	151.5
2012-13 *	11	7	0	5	0	0	0	0	0	0	0	1	2	2	151.5

(Contd.)

Table: 13.5 (Contd.)

State/ UTs/ Year	Geographical area-	Reporting area for land utilis ation statistics	Forest	Land not available for cultivation	Other uncultivated land excluding Fallow Land					Fallow Land		Net area sown	Total cropped area	Agri. Land/ Cultivable Land/ Culturable Land/ Arable Land	Cropping Intensity (Col-14/ Col- 13*100)
					Permanent pastures & other land	Land under tree crops & groves not inclu. In net area sown	Culturable waste land	Total	Fallow Land other than current fallow	Current fallow	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
D & N Haveli															
2010-11	49	49	20	4	1		0	1	4	2	6	17	22	24	124.8
2011-12	49	49	20	4	1		0	1	1	2	3	20	25	24	121.4
2012-13	49	49	20	4	1		0	1	2	2	3	20	24	24	121.0
Daman & Diu															
2010-11	11	4		0	0	0	0	1	0	0	0	3	3	4	100.0
2011-12	11	4		0	0	0	0	1	0	0	0	3	3	4	104.7
2012-13	11	3		0	0	0	0	0	0	0	0	3	3	3	122.6
Delhi															
2010-11	148	147	1	93	0	1	10	11	8	12	20	22	44	53	200.9
2011-12 *	148	147	1	93	0	1	10	11	8	12	20	22	39	53	175.1
2012-13 *	148	147	1	93	0	1	10	11	8	12	20	22	49	53	220.2
Lakshadweep															
2010-11	3	3		1								2	3	2	130.4
2011-12	3	3		1								2	3	2	130.4
2012-13 *	3	3		1								2	3	2	146.8

(Contd.)

Table: 13.5 (Contd.)

Puducherry															
2010-11	48	49		19		1	5	6	2	3	6	19	31	30	169.3
2011-12	48	49	0	18		1	5	6	2	4	6	18	27	30	151.6
2012-13	48	49	0	19		1	5	6	2	5	8	16	26	30	161.6
All India															
2010-11 *	328726	305920	70028	43574	10305	3204	12646	26155	10323	14275	24598	141563	197563	182012	139.6
2011-12 *	328726	305831	70035	43526	10311	3167	12639	26117	10664	14515	25179	140974	195632	181959	138.8
2012-13 *	328726	305936	70007	43738	10240	3157	12578	25976	11001	15282	26283	139932	194399	181950	138.9

Source: Directorate of Economics & Statistics, DAC&FW

* Provisional data except Geographical Area, '0' relates to the area below 500 hectares. Blank space denotes not available or no reporting of data from the States/UTs

Table 13.6: Potential created under Accelerated Irrigation Benefit Programme (AIBP)

State	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	Potential Created during 1996-97 to 2012-13 ('000 Hactare)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Andhra Pradesh	91.50	85.42	11.30	99.23	0.00	43.87	685.02
Assam	4.33	8.80	7.16	26.71	4.00	0.45	102.06
Bihar	6.40	10.00	0.47	0.00	0.00	0.00	463.19
Chhattisgarh	15.82	18.86	10.21	2.83	4.60	7.18	172.55
Goa	4.89	1.50	0.53	0.80	0.17	12.58	30.63
Gujarat	68.20	20.89	25.66	28.89	21.27	128.20	717.76
Haryana	0.00	0.00	0.00	0.00	0.00	0.00	115.22
Himachal Pradesh	3.34	4.15	4.04	5.01	0.00	0.00	22.83
Jammu & Kashmir	4.52	4.74	4.23	9.43	10.15	4.59	53.38
Jharkhand	0.00	0.00	0.51	1.66	0.00	4.30	18.58
Karnataka	21.73	42.01	108.12	45.75	26.51	8.02	723.26
Kerala	0.95	0.12	1.63	0.00	7.55	1.08	44.08
Madhya Pradesh	82.06	49.83	37.55	91.11	78.05	98.00	573.97
Maharashtra	78.15	77.36	68.94	32.59	39.52	36.23	594.74
Manipur	5.92	4.14	1.80	4.00	0.10	4.00	24.96
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00

(Contd.)

Table: 13.6 (Contd.)

State	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	Potential Created during 1996-97 to 2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Odisha	14.40	10.73	29.37	40.11	11.84	26.61	261.65
Punjab	4.80	27.44	12.89	25.00	0.00	1.00	181.32
Rajasthan	127.47	52.00	44.00	30.79	11.93	10.29	746.86
Tripura	1.73	1.27	4.27	0.51	0.00	0.22	16.81
Tamilnadu	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Uttar Pradesh	79.65	105.18	37.34	212.76	67.95	82.05	1572.71
Uttarakhand	0.00	0.00	0.00	0.00	0.00	0.00	0.00
West Bengal	7.60	4.85	5.28	15.27	10.63	0.00	124.12
Total	623.44	529.27	415.31	672.43	294.27	468.66	7245.69
Contribution of Minor Irrigation Scheme	118.25	184.86	156.33	153.87	267.17	131.45	1245.84
Grand Total	741.69	714.13	571.63	826.30	561.44	600.11	8491.53

Source: Ministry of Water Resources.

Table 13.7; State-wise Area covered under Micro Irrigation as on 31.3.2015

(Area in Ha.)				
S.No.	Name of the State/UT	Drip	Sprinkler	Total
(1)	(2)	(3)	(4)	(5)
1	Andhra Pradesh	834865	328441	1163306
2	Arunachal Pradesh	613	0	613
3	Assam	310	129	439
4	Bihar	4610	97440	102050
5	Chhattisgarh	15553	241420	256973
6	Goa	965	899	1864
7	Gujarat	411208	418165	829373
8	Haryana	22682	550458	573140
9	Himachal Pradesh	291	684	975
10	Jharkhand	6303	9919	16222
11	Karnataka	429903	417005	846908
12	Kerala	22516	6948	29464
13	Madhya Pradesh	166358	185759	352117
14	Maharashtra	896343	374783	1271126
15	Manipur	47	30	77
16	Mizoram	1727	425	2152
17	Nagaland	200	5005	5205
18	Odisha	18431	82147	100578
19	Punjab	30805	12161	42966
20	Rajasthan	170098	1514451	1684549
21	Sikkim	5544	2769	8313
22	Tamil Nadu	290009	30436	320445
23	Telangana	25299	5293	30592
24	Tripura	100	392	492
25	Uttar Pradesh	15519	21164	36683
26	Uttarakhand	696	316	1012
27	West Bengal	604	50576	51180
28	Others	15500	31000	46500
All India		3387099	4388215	7775314

Source: National Committee on Plasticulture Applications in Horticulture (NCPAH), DAC&FW

14

Inputs

Table 14.1 : Production and Use of Agricultural Inputs in India

Programme	Unit	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Seeds								
(i) Production of	Thousand Qtls.	45.54	48.42	61.82	68.46	68.64	73.83	91.96
Breeder Seeds								
(ii) Production of Foundation Seeds	Lakh Qtls.	5.44	6.14	6.50	6.90	7.40	7.96	8.25
(iii) Distribution of Certified/Quality Seeds	Lakh Qtls.	91.80	98.03	108.59	120.26	126.75	155.01	179.05
2. Consumption of Chemical Fertilisers								
Nitrogenous (N)	Thousand Tonnes	11310	10474	11076	11714	12723	13774	14419
Phosphatic (P)	Thousand Tonnes	4382	4019	4124	4624	5204	5543	5515
Potassic (K)	Thousand Tonnes	1667	1601	1598	2060	2413	2335	2636
Total (N+P+K)	Thousand Tonnes	17360	16094	16798	18398	20340	21651	22570
Per Hectare **	Kgs	92.33	92.55	88.57	96.27	105.53	112.55	115.27
3. Consumption of Pesticides (Technical Grade Material)	Thousand Tonnes	47.02	48.35	41.02	40.67	39.77	43.41	41.64
4. Area Covered Under Soil Conservation	Lakh Hectares	4.70	4.30	5.55	7.37	8.67	11.41	7.34

(Contd.)

Table: 14.1 (Contd.)

Programme	Unit	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Seeds								
(i) Production of Breeder Seeds	Thousand Qtls.	94.41	102.00	118.85	123.38	110.20	82.29	86.21
(ii) Production of Foundation Seeds	Lakh Qtls.	9.62	11.46	18.06	22.36	16.17	17.43	15.76
(iii) Distribution of Certified/Quality Seeds	Lakh Qtls.	215.81	257.11	277.34	294.85	313.44	301.39	303.12
2. Consumption of Chemical Fertilisers								
Nitrogenous (N)	Thousand Tonnes	15090	15580	16558	17300	16821	16750	16946
Phosphatic(P)	Thousand Tonnes	6506	7274	8050	7914	6653	5633	6098
Potassic(K)	Thousand Tonnes	3313	3632	3514	2576	2062	2099	2532
Total (N+P+K)	Thousand Tonnes	24909	26486	28122	27790	25536	24482	25576
Per Hectare **	Kgs	127.52	140.14	142.34	142.05	131.36	125.39	128.08
3. Consumption of Pesticides (Technical)	Thousand Tonnes	43.86	41.82	55.54	52.98	45.62	60.28	57.35*
Grade Material								
4. Area Covered Under Soil Conservation	Lakh Hectares	6.90	5.32	7.49	4.72	5.46	5.46	

Source: Department of Agriculture, Cooperation & Farmers Welfare

* updated on 14.05.2015

** Based on Gross Cropped Area upto 2012-13 and for 2013-14 and 2014-15, GCA is estimated in Zonal Conference

Table 14.2: All-India Consumption of Fertilisers in Terms of Nutrients (N, P & K)
(Thousand Tonnes)

Year	N	P	K	Total
(1)	(2)	(3)	(4)	(5)
1950-51	58.7	6.9	-	65.6
1955-56	107.5	13.0	10.3	130.8
1960-61	210.0	53.1	29.0	292.1
1965-66	574.8	132.5	77.3	784.6
1970-71	1487.0	462.0	228.0	2177.0
1975-76	2148.6	466.8	278.3	2893.7
1980-81	3678.1	1213.6	623.9	5515.6
1985-86	5660.8	2005.2	808.1	8474.1
1986-87	5716.0	2078.9	850.0	8644.9
1987-88	5716.8	2187.0	880.5	8784.3
1988-89	7251.0	2720.7	1068.3	11040.0
1989-90	7386.0	3014.2	1168.0	11568.2
1990-91	7997.2	3221.0	1328.0	12546.2
1991-92	8046.3	3321.2	1360.5	12728.0
1992-93	8426.8	2843.8	883.9	12154.5
1993-94	8788.3	2669.3	908.4	12366.0
1994-95	9507.1	2931.7	1124.7	13563.5
1995-96	9822.8	2897.5	1155.8	13876.1
1996-97	10301.8	2976.8	1029.6	14308.1
1997-98	10901.8	3913.6	1372.5	16187.9
1998-99	11353.8	4112.2	1331.5	16797.5
1999-00	11592.7	4798.3	1678.7	18069.7
2000-01	10920.2	4214.6	1567.5	16702.3
2001-02	11310.2	4382.4	1667.1	17359.7
2002-03	10474.1	4018.8	1601.2	16094.1
2003-04	11077.0	4124.3	1597.9	16799.1
2004-05	11713.9	4623.8	2060.6	18398.3
2005-06	12723.3	5203.7	2413.5	20340.5
2006-07	13772.9	5543.3	2334.8	21651.0
2007-08	14419.1	5514.7	2636.3	22570.1
2008-09	15090.5	6506.2	3312.6	24909.3
2009-10	15580.0	7274.0	3632.4	26486.4
2010-11	16558.2	8049.7	3514.3	28122.2
2011-12	17300.3	7914.3	2575.4	27790.0
2012-13	16820.9	6653.4	2061.8	25536.2
2013-14	16750.1	5633.5	2098.9	24482.4
2014-15	16945.4	6098.4	2532.3	25576.1

Source: Department of Agriculture, Cooperation & Farmers Welfare

Note : Figures upto 1982-83 relate to Feb.-Jan. and onwards to April-March.

Table 14.3 : Consumption, Production and Import of Fertilisers

Year	C & F Value of Imports (Lakh Tonnes)												
	Consumption				Production				Imports				
	N	P	K	TOTAL	N	P	K	TOTAL	N	P	K	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1981-82	40.69	13.22	6.73	60.64	31.44	9.49	0.00	40.93	10.54	3.43	6.44	20.41	716.62
1982-83	42.24	14.37	7.27	63.88	34.24	9.80	0.00	44.04	4.25	0.63	6.44	11.32	273.53
1983-84	52.05	17.30	7.75	77.10	34.85	10.48	0.00	45.33	6.56	1.43	5.56	13.55	365.05
1984-85	54.87	18.86	8.38	82.11	39.17	12.63	0.00	51.80	20.08	7.45	8.71	36.24	1500.00
1985-86	56.61	20.05	8.08	84.74	43.28	14.28	0.00	57.56	16.80	8.16	9.03	33.99	1405.00
1986-87	57.16	20.79	8.50	86.45	54.10	16.60	0.00	70.70	11.03	2.55	9.52	23.10	651.00
1987-88	57.17	21.87	8.80	87.84	54.66	16.65	0.00	71.31	1.75	-	8.09	9.84	223.77
1988-89	72.51	27.21	10.68	110.40	67.12	22.52	0.00	89.64	2.19	4.07	9.82	16.08	644.52
1989-90	73.86	30.14	11.68	115.68	67.47	17.96	0.00	85.43	5.23	13.11	12.80	31.14	1538.77
1990-91	79.97	32.21	13.28	125.46	69.93	20.52	0.00	90.45	4.14	10.16	13.28	27.58	1335.82
1991-92	80.46	33.21	13.61	127.28	73.01	25.62	0.00	98.63	5.66	9.67	12.36	27.69	1934.19
1992-93	84.26	28.43	8.84	121.53	74.30	23.06	0.00	97.36	11.37	6.89	10.82	29.08	2216.00
1993-94	87.88	26.69	9.09	123.66	72.31	18.16	0.00	90.47	15.88	7.22	8.57	31.67	1300.18
1994-95	95.07	29.32	11.25	135.64	79.45	24.93	0.00	104.38	14.76	3.80	11.09	29.65	1785.11
1995-96	98.23	28.98	11.56	138.77	87.77	25.58	0.00	113.35	19.93	6.47	13.15	39.55	2840.13
1996-97	103.01	29.77	10.30	143.08	85.99	25.56	0.00	111.55	11.67	4.26	6.13	22.06	1701.74
1997-98	109.01	39.14	13.73	161.88	100.86	29.76	0.00	130.62	13.62	6.72	11.40	31.74	1296.57
													(Contd.)

(Contd.)

Table: 14.3 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1998-99	113.54	41.12	13.32	167.98	104.80	31.44	0.00	136.24	6.35	9.68	15.42	31.45	240.00
1999-00	115.92	47.99	16.78	180.69	108.90	33.99	0.00	142.89	8.33	15.03	17.34	40.75	197.16
2000-01	109.20	42.15	15.68	167.03	109.61	37.43	0.00	147.04	1.54	3.96	15.41	20.91	*
2001-02	113.10	43.82	16.67	173.59	107.68	38.60	0.00	146.28	2.69	4.29	17.01	23.99	113.09
2002-03	104.74	40.19	16.01	160.94	105.61	39.04	0.00	144.65	0.67	1.70	15.20	17.57	*
2003-04	110.77	41.24	15.98	167.99	106.34	36.32	0.00	142.66	1.32	3.38	15.48	20.18	*
2004-05	117.14	46.24	20.61	183.99	113.39	40.64	0.00	154.03	4.11	2.96	20.45	27.52	684.73
2005-06	127.23	52.04	24.13	203.40	113.54	42.21	0.00	155.75	13.85	11.21	27.47	52.53	1747.34
2006-07	137.73	55.43	23.35	216.51	115.78	45.17	0.00	160.95	26.88	13.23	20.69	60.80	4647.18
2007-08	144.19	55.15	26.36	225.70	109.00	38.07	0.00	147.07	36.77	12.53	26.53	75.83	8334.65
2008-09	150.90	65.06	33.13	249.09	108.70	34.64	0.00	143.34	38.44	29.27	33.80	101.51	11091.87
2009-10	155.80	72.74	36.32	264.86	119.00	43.21	0.00	162.21	34.47	27.56	29.44	91.47	5754.01
2010-11	165.58	80.50	35.14	281.22	121.56	42.22	0.00	163.78	44.92	38.02	40.69	123.63	8348.89
2011-12	173.00	79.14	25.76	277.90	122.59	41.01	0.00	163.60	52.40	44.27	33.35	130.02	15442.02
2012-13	168.21	66.53	20.62	255.36	121.94	35.41	0.00	157.35	46.90	27.78	12.30	86.98	15980.22
2013-14	167.50	56.33	20.99	244.82	123.78	37.14	0.00	160.92	38.08	15.90	13.33	67.31	14987.95
2014-15	169.45	60.98	25.32	255.76	123.94	38.75	0.00	162.69	47.66	18.32	25.37	91.35	12035.26

Source: Department of Agriculture, Cooperation & Farmers Welfare

Note : 1. Figures relate to imports made on Govt. Account only.

2. The imports made after decanalisation of phosphatic fertilisers (w.e.f. 17.9.1992) and potassic fertilisers (w.e.f. 17.6.1993) include the quantities imported by private parties also.

* There was no import of Urea in 2000-01, 2002-03 and 2003-04 in Government account.

Table 14.4 (a): State-wise Consumption of Fertilisers

Sl. No.	State/Zone	2012-13				2013-14				2014-15				(Thousand Tonnes)
		N	P	K	Total	N	P	K	Total	N	P	K	Total	
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
South Zone														
1	Andhra Pradesh	1780.92	713.92	252.26	2747.10	1135.12	461.21	183.93	1780.26	1076.57	443.59	218.67	1738.83	
2	Telangana	-	-	-	-	977.53	286.21	75.43	1339.17	826.95	268.21	82.41	1177.57	
3	Karnataka	891.69	389.64	249.87	1531.20	945.11	442.20	253.40	1640.71	1001.59	498.07	332.31	1831.97	
4	Kerala	123.14	62.98	91.05	277.17	135.91	70.34	115.92	322.17	104.54	43.14	61.82	209.50	
5	Tamil Nadu	574.62	223.02	149.18	946.82	549.35	197.11	159.20	905.66	601.32	223.28	190.20	1014.80	
6	Puducherry	11.34	2.82	1.63	15.79	12.13	2.09	1.53	15.75	7.97	1.73	1.87	11.57	
7	A&N Islands	0.43	0.32	0.25	1.00	0.46	0.35	0.29	1.10	0.49	0.39	0.26	1.14	
8	Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sub-Total (South Zone)		3382.14	1392.70	744.24	5519.08	3755.61	1459.51	789.70	6004.82	3619.43	1478.41	887.54	5985.38	
West Zone														
8	Gujarat	1007.70	257.82	76.45	1341.97	1158.93	315.38	90.60	1564.91	1,217.50	351.99	114.51	1684	
9	Madhya Pradesh	1082.72	715.61	70.97	1869.30	1210.35	634.38	56.31	1901.04	1,119.10	605.73	72.11	1796.94	
10	Chhattisgarh	375.18	180.00	46.52	601.70	357.27	162.65	47.74	567.66	373.14	175.53	56.73	605.4	
11	Maharashtra	1368.29	715.82	388.51	2472.62	1586.83	773.38	424.55	2784.76	1,540.99	760.89	512.78	2814.66	
12	Rajasthan	966.56	356.11	21.53	1344.20	930.52	281.96	5.16	1217.64	952.35	331.45	15.18	1298.98	
13	Goa	2.78	1.63	0.97	5.38	2.99	1.32	0.91	5.22	2.52	1.14	0.86	4.52	
14	Daman & Diu	0.14	0.02	0.01	0.17	0.08	0.02	0.01	0.11	0.00	0.00	0	0	
15	D&N Haveli	0.58	0.38	0.00	0.96	0.54	0.35	0.01	0.90	0.64	0.44	0	1.08	
Sub-Total (West Zone)		4803.95	2227.39	604.96	7636.30	5247.51	2169.44	625.29	8042.24	5,206.24	2227.17	772.17	8205.58	
North Zone														
16	Haryana	1022.99	310.56	16.65	1350.20	950.56	198.46	15.65	1164.67	1,013.29	253.66	36.2	1303.15	
17	Punjab	1485.70	462.48	24.06	1972.24	1364.02	325.23	24.02	1713.27	1,352.05	328.17	37.53	1717.75	
18	Uttar Pradesh	3351.79	1166.43	132.76	4650.98	2972.62	764.65	104.77	3842.04	3,168.95	915.35	187.34	4271.64	
(Contd.)														

(Contd.)

Table: 14.4a (Contd.)

Sl. No.	State/Zone	2012-13			2013-14			2014-15					
		N	P	Total	N	P	Total	N	P	Total			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
19	Uttarakhand	121.29	23.78	7.44	152.51	134.58	21.78	6.42	162.78	137.36	25.68	7.33	170.37
20	Himachal Pradesh	33.72	6.82	7.13	47.67	33.31	8.26	8.59	50.16	35.04	8.51	9.51	53.06
21	Jammu & Kashmir	75.83	24.10	9.75	109.68	67.14	25.39	10.88	103.41	65.02	29.92	15.13	110.07
22	Delhi	1.13	0.07	0.00	1.20	3.64	0.00	0.00	3.64	8.57	0.00	0	8.57
23	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
Sub-Total (North Zone)		6092.45	1994.24	197.79	8284.48	5525.87	1343.77	170.33	7039.97	5780.28	1561.29	293.04	7634.61
East Zone													
24	Bihar	1111.16	325.60	90.03	1526.79	954.95	209.85	95.98	1260.78	999.91	235.12	111.16	1346.19
25	Jharkhand	111.83	76.08	9.71	197.62	82.48	17.31	3.69	103.48	91.80	19.58	3.24	114.62
26	Odisha	315.04	124.19	50.97	490.20	312.99	117.71	56.44	487.14	314.07	126.23	59.24	499.54
27	West Bengal	824.00	453.67	282.73	1560.40	692.96	262.94	270.95	1226.85	756.85	390.82	319.24	1466.91
Sub-Total (East Zone)		2362.03	979.54	433.44	3775.01	2043.38	607.81	427.06	3078.25	2,162.63	771.75	492.88	3427.26
North East Zone													
28	Assam	151.05	49.08	75.52	275.65	151.26	41.70	80.08	273.04	155.92	50.18	80.34	286.44
29	Tripura	13.68	7.23	4.53	25.44	10.66	7.89	4.35	22.90	8.58	6.63	3.93	19.14
30	Manipur	9.08	1.28	0.48	10.84	8.27	1.37	1.16	10.80	11.02	2.15	1.94	15.11
31	Meghalaya	3.36	1.15	0.34	4.85	3.51	1.04	0.27	4.82	0.00	0.00	0	0
32	Nagaland	1.10	0.69	0.38	2.17	1.07	0.70	0.34	2.11	1.33	0.79	0.48	2.6
33	Arunachal Pradesh	0.45	0.03	0.09	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0	0
34	Mizoram	1.64	0.09	0.03	1.76	2.94	0.23	0.29	3.46	0	0	0	0
35	Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0
Sub-Total (NEZ)		180.36	59.55	81.37	321.28	177.71	52.93	86.49	317.13	176.85	59.75	86.69	323.29
All India		16820.93	6653.42	2061.80	25536.15	16750.08	5633.46	2098.87	24482.41	16945.43	6098.37	2532.32	25576.12

Source: Department of Agriculture, Cooperation & Farmers Welfare

Table 14.4 (b): State-wise Estimated Consumption of Fertiliser per Hectare

Sl. No.	State/Zone	2012-13			2013-14			2014-15			(Kgs./Hectare)			
		N	P	K	Total	N	P	K	Total	N		P	K	Total
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		(12)	(13)	(14)
South Zone														
1	Andhra Pradesh	130.47	52.30	18.48	201.25	140.36	57.03	22.74	220.13	146.88	60.52	29.83	237.23	
2	Telangana	-	-	-	-	155.47	45.52	12.00	212.99	162.52	52.71	16.20	231.43	
3	Karnataka	75.90	33.17	21.27	130.34	88.51	41.41	23.73	153.65	96.31	47.89	31.95	176.15	
4	Kerala	47.51	24.30	35.13	106.93	26.36	13.64	22.48	62.49	20.23	8.35	11.97	40.55	
5	Tamil Nadu	111.79	43.39	29.02	184.21	86.77	31.13	25.15	143.05	96.98	36.01	30.68	163.67	
6	Puducherry	436.15	108.46	62.69	607.31	491.09	84.62	61.94	637.65	196.11	42.57	46.01	284.69	
7	A&N Islands	17.20	12.80	10.00	40.00	11.77	8.96	7.42	28.15	12.50	9.95	6.63	29.09	
8	Lakshadweep													
Average (South Zone)		101.93	41.97	22.43	166.33	102.60	39.87	21.57	164.05	105.63	43.15	25.90	174.68	
West Zone														
8	Gujarat	79.98	20.46	6.07	106.51	88.60	24.11	6.93	119.63	96.00	27.76	9.03	132.79	
9	Madhya Pradesh	46.81	30.94	3.07	80.82	51.23	26.85	2.38	80.47	48.68	26.35	3.14	78.17	
10	Chhattisgarh	65.93	31.63	8.17	105.73	54.41	24.77	7.27	86.45	56.75	26.69	8.63	92.07	
11	Maharashtra	62.55	32.72	17.76	113.04	67.08	32.69	17.95	117.71	68.76	33.95	22.88	125.60	
12	Rajasthan	40.35	14.87	0.90	56.12	35.05	10.62	0.19	45.87	39.97	13.91	0.64	54.51	
13	Goa	17.06	10.00	5.95	33.01	30.66	13.54	9.33	53.53	26.12	11.82	8.91	46.85	
14	Daman & Diu	46.67	6.67	3.33	56.67	19.05	4.76	2.38	26.19	0.00	0.00	0.00	0.00	
15	D&N Haveli	24.17	15.83	0.00	40.00	-	-	-	-	40.25	27.67	0.00	67.92	
Average (West Zone)		54.94	25.47	6.92	87.33	56.07	23.18	6.68	85.93	58.76	25.14	8.71	92.61	
North Zone														
16	Haryana	160.44	48.71	2.61	211.76	168.87	35.26	2.78	206.91	172.18	43.10	6.15	221.44	

(Contd.)

Table: 14.4b (Contd.)

Sl. No.	State/Zone	2012-13				2013-14				2014-15			
		N	P	K	Total	N	P	K	Total	N	P	K	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
17	Punjab	188.78	58.76	3.06	250.60	174.68	41.65	3.08	219.41	179.03	43.46	4.97	227.46
18	Uttar Pradesh	129.81	45.17	5.14	180.12	107.08	27.54	3.77	138.40	111.61	32.24	6.60	150.45
19	Uttarakhand	107.91	21.16	6.62	135.69	135.70	21.96	6.47	164.13	128.96	24.11	6.88	159.95
20	Himachal Pradesh	35.61	7.20	7.53	50.34	34.08	8.45	8.79	51.32	35.63	8.65	9.67	53.96
21	Jammu & Kashmir	65.26	20.74	8.39	94.39	-	-	-	-	-	-	-	-
22	Delhi	23.06	1.43	0.00	24.49	32.96	0.00	0.00	32.96	82.25	0.00	0.00	82.25
23	Chandigarh	-	-	-	-	-	-	-	-	-	-	-	-
Average (North Zone)		140.54	46.00	4.56	191.11	127.68	31.05	3.94	162.67	131.42	35.50	6.66	173.58
East Zone													
24	Bihar	142.86	41.86	11.57	196.30	128.67	28.27	12.93	169.88	132.70	31.20	14.75	178.65
25	Jharkhand	67.49	45.91	5.86	119.26	30.05	6.31	1.34	37.70	30.75	6.56	1.09	38.39
26	Odisha	62.15	24.50	10.06	96.71	36.69	13.80	6.62	57.11	36.14	14.53	6.82	57.49
27	West Bengal	85.14	46.88	29.21	161.23	71.65	27.19	28.02	126.86	77.86	40.21	32.84	150.91
Average (East Zone)		97.68	40.51	17.92	156.11	72.03	21.43	15.05	108.51	74.75	26.68	17.04	118.47
North East Zone													
28	Assam	35.99	11.69	17.99	65.68	49.18	13.56	26.04	88.77	68.09	21.91	35.08	125.08
29	Tripura	37.17	19.65	12.31	69.13	23.58	17.45	9.62	50.66	18.45	14.25	8.45	41.15
30	Manipur	29.39	4.14	1.55	35.08	33.85	5.61	4.75	44.20	45.10	8.80	7.94	61.84
31	Meghalaya	9.88	3.38	1.00	14.26	34.41	10.20	2.65	47.25	0.00	0.00	0.00	0.00
32	Nagaland	2.25	1.41	0.78	4.44	2.62	1.72	0.83	5.18	3.24	1.93	1.17	6.34
33	Arunachal Pradesh	1.58	0.11	0.32	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	Mizoram	14.14	0.78	0.26	15.17	-	-	-	-	-	-	-	-
35	Sikkim	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-
Average (NEZ)		28.87	9.53	13.02	51.42	38.06	11.34	18.52	67.92	45.202	15.272	22.158	82.632
All India (Average)		86.53	34.23	10.61	131.36	81.11	27.28	10.16	118.55	84.858	30.539	12.681	128.078

Source: Department of Agriculture, Cooperation & Farmers Welfare

Table 14.5(a): Fertiliser Consumption per Hectare of Agricultural Land in selected Countries

Continent/Country	2011					2012					(Kg./Hectare)
	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total			
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)			
(1)											
Africa											
Egypt	333.4	41.4	15.7	390.6	307.4	45.1	16.6	369.2			
Morocco	6.6	3.7	1.3	11.7	7.2	3.6	1.3	12.2			
South Africa	4.3	1.9	1.3	7.5	4.4	2.0	1.3	7.7			
America											
North America											
Canada	36.7	12.7	4.8	54.2	38.0	12.7	5.4	56.2			
USA	30.1	9.7	10.3	50.1	28.9	9.8	10.6	49.2			
Latin America and the Caribbean											
Brazil	12.2	14.0	16.1	42.3	12.5	15.7	17.6	45.7			
Chile	17.2	8.4	6.0	31.5	16.7	8.1	6.0	30.9			
Mexico	10.9	2.6	2.6	16.1	11.3	2.8	2.7	16.8			
Asia											
Bangladesh	123.0	58.3	40.9	222.1	120.7	56.2	38.6	215.5			
China, Main	66.3	23.9	11.1	101.3	68.0	24.1	11.7	103.8			
India	96.3	44.0	14.3	154.7	93.8	37.1	11.5	142.4			
	(88.6)	(40.5)	(13.2)	(142.3)	(86.2)	(34.1)	(10.6)	(130.8)			
Indonesia	52.0	10.0	24.8	86.8	55.6	12.0	26.4	94.0			
Japan	77.1	78.9	72.4	228.4	81.9	77.7	71.1	230.7			
Rep. of Korea	154.3	51.3	65.5	271.1	151.0	50.3	64.3	265.7			
Malaysia	73.4	39.4	163.9	276.7	77.4	41.3	163.9	282.6			
Nepal	4.8	4.8	0.2	9.9	4.9	4.9	0.2	9.9			
										(Contd.)	

(Contd.)

Table: 14.5a (Contd.)

Continent/Country	2011					2012				
	N	P ₂ O ₅	K ₂ O	Total	N	P ₂ O ₅	K ₂ O	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
Pakistan	118.4	23.4	0.8	142.5	105.5	27.6	0.8	133.9		
Sri Lanka	65.5	22.0	27.5	114.9	63.3	23.0	28.6	114.9		
Thailand	65.8	18.5	17.1	101.4	63.2	18.3	16.9	98.5		
Turkey	32.9	12.8	2.6	48.3	37.3	13.9	2.6	53.8		
Vietnam	120.4	63.0	40.8	224.2	123.6	64.6	41.5	229.7		
Europe										
Belarus	67.6	32.9	88.7	189.2	63.3	25.1	81.9	170.3		
Denmark	69.5	4.8	16.0	90.3	71.6	5.3	17.5	94.5		
France	70.0	15.0	16.7	101.7	74.2	17.2	17.7	109.1		
Germany	98.1	14.8	23.1	135.9	98.9	17.0	25.3	141.2		
Netherlands	108.2	8.6	15.6	132.4	109.1	8.1	16.3	133.6		
Poland	74.1	25.1	28.3	127.5	77.1	23.1	30.8	131.0		
Russian Fedn.	7.3	2.6	1.7	11.6	7.4	2.6	1.6	11.6		
Spain	30.3	13.1	11.7	55.1	35.7	14.0	12.5	62.2		
UK	58.4	11.0	15.1	84.5	58.2	11.3	15.6	85.1		
Ukraine	28.1	5.2	3.3	36.6	30.4	6.1	3.8	40.3		
Oceania										
Australia	2.7	2.1	0.4	5.3	2.7	2.0	0.5	5.2		
New Zealand	32.3	29.7	10.0	72.0	32.8	26.9	9.5	69.2		
World	22.1	8.4	5.7	36.2	22.2	8.3	5.8	36.3		

Source: Fertiliser Statistics - 2013-14' The Fertiliser Association of India, New Delhi.

() = Fertiliser Consumption per hectare of gross cropped area

Table 14.5(b): Fertiliser Consumption per Hectare of Arable Land and Land under Permanent Crops in selected Countries

Country	2011				2012				(Kg./Hectare)
	N (2)	P ₂ O ₅ (3)	K ₂ O (4)	Total (5)	N (6)	P ₂ O ₅ (7)	K ₂ O (8)	Total (9)	
Africa									
Egypt	333.4	41.4	15.7	390.6	307.4	45.1	16.6	369.2	
Morocco	22.0	12.2	4.4	38.6	23.4	11.7	4.3	39.3	
South Africa	33.7	14.9	9.7	58.3	34.2	15.3	10.0	59.5	
N & C America									
Canada	48.0	16.7	6.2	70.8	48.9	16.4	7.0	72.3	
USA	78.2	25.2	26.8	130.3	74.8	25.4	27.4	127.6	
South America									
Brazil	42.4	48.6	55.8	146.9	43.2	54.3	60.9	158.3	
Chile	155.4	75.6	53.9	284.8	147.3	71.8	53.0	272.0	
Mexico	45.5	11.0	10.7	67.2	46.5	11.6	11.2	69.3	
Asia									
Bangladesh	131.6	62.4	43.7	237.7	129.2	60.2	41.3	230.7	
China	280.2	101.1	46.8	428.0	287.5	101.9	49.3	438.7	
India	102.1 (88.6)	46.7 (40.5)	15.2 (13.2)	164.1 (142.3)	99.5 (86.2)	39.4 (34.1)	12.2 (10.6)	151.1 (130.8)	
Indonesia	64.6	12.4	30.8	107.8	69.0	14.9	32.7	116.7	
Japan	77.1	78.9	72.4	228.4	81.9	77.7	71.1	230.7	
Rep. of Korea	159.6	53.0	67.7	280.3	156.1	52.0	66.5	274.6	
Malaysia	76.3	40.9	170.2	287.4	80.4	42.9	170.1	293.4	
Nepal	8.6	8.6	0.4	17.6	8.6	8.6	0.4	17.6	
Pakistan	145.2	28.7	1.0	174.8	129.4	33.9	0.9	164.3	
Sri Lanka	78.1	26.2	32.8	137.0	75.6	27.6	34.2	137.4	

(Contd.)

Table: 14.5b (Contd.)

Country	2011				2012			
	N (2)	P ₂ O ₅ (3)	K ₂ O (4)	Total (5)	N (6)	P ₂ O ₅ (7)	K ₂ O (8)	Total (9)
Thailand	68.4	19.2	17.8	105.4	65.6	19.0	17.6	102.2
Turkey	53.3	20.7	4.2	78.2	60.2	22.4	4.3	86.8
Vietnam	128.1	67.0	43.3	238.4	131.4	68.6	44.1	244.1
Europe								
Belarus	106.2	51.7	139.3	297.1	98.7	39.2	127.6	265.5
Denmark	74.7	5.2	17.2	97.1	77.6	5.8	19.0	102.3
France	104.8	22.4	25.0	152.1	110.9	25.7	26.4	163.0
Germany	135.8	20.4	32.0	188.2	137.0	23.6	35.0	195.6
Netherlands	192.8	15.3	27.8	236.0	192.0	14.3	28.7	235.0
Poland	95.3	32.3	36.4	164.0	98.9	29.6	39.6	168.1
Russian Fedn.	13.0	4.5	2.9	20.4	13.0	4.6	2.9	20.5
Spain	48.2	20.8	18.5	87.5	56.8	22.2	19.9	98.9
UK	164.2	30.8	42.5	237.5	159.8	31.0	42.7	233.5
Ukraine	34.7	6.5	4.1	45.3	37.5	7.6	4.7	49.8
Oceania								
Australia	22.9	18.2	3.7	44.8	23.1	16.9	4.5	44.5
New Zealand	678.0	622.1	210.3	1,510.5	567.3	465.8	165.2	198.4
World	70.0	26.8	18.2	114.9	69.8	26.3	18.4	114.5

Source: Fertiliser Statistics - 2013-14¹ The Fertiliser Association of India, New Delhi.

() = Fertiliser Consumption per hectare of gross cropped area

Table 14.6(a): Application of Fertilisers on Paddy and Wheat in India

Particulars	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
I. Paddy									
Quantity of Paddy required to Buy									
(a) 1 kg N	1.84	1.69	1.41	1.17	1.05	1.15	1.07	0.93	0.89
(b) 1 kg of P ₂ O ₅									
- as SSP	2.85	2.72	2.27	2.36	2.13	2.00	1.85	3.25	3.18
	to	to	to				to	to	
	4.72	4.34	3.61				3.64	3.75	
- as DAP	2.85	2.62	2.18	1.80	1.62	1.71	1.75	3.81	3.39
						to	to		
						1.89	3.67		
- as complex	3.08	2.83	2.36	1.80	1.62	2.02			
	to	to	to				NA	NA	
	5.21	4.79	3.99			3.00			
(c) 1 kg of K ₂ O	1.30	1.20	1.00	0.83	0.74	0.74	0.93	2.27	2.04
						to	to		
						0.84	1.86		
II. Wheat									
Quantity of Wheat required to Buy									
(a) 1 kg N	1.50	1.40	1.05	0.97	0.95	0.99	0.90	0.86	0.83

(Contd.)

Table: 14.6a (Contd.)

Particulars	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
(b) 1 kg of P_2O_5									
- as SSP	2.32	2.25	1.69	1.97	1.93	1.71	1.56	3.01	2.96
	to	to	to				to	to	
	3.84	3.58	2.69				3.06	3.47	
- as DAP	2.32	2.16	1.62	1.50	1.47	1.46	1.47	3.53	3.17
						to	to		
						1.61	3.08		
- as complex	2.51	2.34	1.76	1.50	1.47	1.72			
	to	to	to			to	NA	NA	
	4.25	3.96	2.97			2.56			
(c) 1 kg of K_2O	1.06	0.99	0.74	0.69	0.68	0.64	0.78	2.10	1.91
						to	to		
						0.72	1.57		

Source: 'Fertiliser Statistics - 2013-14' The Fertiliser Association of India, New Delhi.

Table 14.6(b): Status of Soil Health Card Scheme

(as on 05.04.2016)

Sl. No.	State	Target Number of Samples for 2015-16	No. of Samples Collected	No. of Samples Tested	No. of Soil Health Cards Issued
(1)	(2)	(3)	(4)	(5)	(6)
I. Southern Zone					
1	Andhra Pradesh	400000	497129	414259	1635895
2	Karnataka	533000	303604	111503	40346
3	Kerala	63800	65050	50775	45935
4	Tamil Nadu	426000	423928	423928	2342589
5	Telangana	500035	500035	456457	1199343
II. West Zone					
6	Gujarat	1366000	1366000	1366000	1366000
7	Madhya Pradesh	805000	502122	368949	1203588
8	Maharashtra	911000	888912	773573	2947141
9	Rajasthan	1153000	933111	398000	1114000
10	Chhattisgarh	292588	293496	162195	658048
11	Goa	25000	21824	19585	19585
III. Northern Zone					
12	Haryana	400000	248000	70564	49000
13	Punjab	176000	171267	116450	295292
14	Uttarakhand	67607	52557	49842	268000
15	Uttar Pradesh	1800000	1455902	568895	1015007
16	Himachal Pradesh	69635	67467	51087	127762
17	J & K	55106	37787	22240	32671
IV. Eastern Zone					
18	Bihar	484000	470882	305970	1007839
19	Jharkhand	47850	47850	27900	77018
20	Odisha	310000	330435	218712	654306
21	West Bengal	310000	310000	71320	91384
V. North Eastern Zone					
22	Arunachal Pradesh	17100	10132	8063	652
23	Assam	180000	46296	13426	11263
24	Manipur	11000	3198	2015	1478
25	Meghalaya	22000	24062	16395	18783
26	Mizoram	7666	7320	5800	3750
27	Nagaland	11141	12860	11900	11900
28	Sikkim	13217	13217	13217	27000
29	Tripura	10912	10246	8260	9260
Total		10468657	9114689	6127280	16274835

Source: Department of Agriculture, Cooperation & Farmers Welfare

Table 14.7(a): Crop-wise requirement and availability of Certified/ Quality Seeds

Year	Crop Name	2012-13				2013-14				2014-15				(Lakh Quintals)
		Require- Ment	Availability		Require- Ment	Availability		Require- Ment	Availability		Require- Ment	Availability		
			Public	Private		Total	Public		Private	Total		Public	Private	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
	Wheat	108.2	53.44	58.79	112.23	112.53	49.12	59.23	108.35	112.53	44.78	72.07	116.86	
	Paddy	78	44.63	35.69	80.32	82.37	47.99	41.97	89.95	84.80	46.46	46.46	92.92	
	Ragi	0.34	0.31	0.06	0.37	0.32	0.23	0.12	0.34	0.31	0.25	0.11	0.36	
	Barley	1.93	0.63	1.72	2.35	2.05	0.97	1.84	2.81	2.23	0.61	2.26	2.87	
	Maize	10.64	1	10.39	11.39	10.42	1.75	8.84	10.59	10.84	1.15	11.10	12.25	
	Bajra	2.64	0.14	2.82	2.96	2.52	0.82	2.67	3.49	2.42	0.16	2.53	2.69	
	Jowar	2.74	0.79	2.38	3.17	2.80	1.25	2.34	3.59	2.42	0.62	2.13	2.75	
	Other Cereals	0.01				0.05	0.02	0.03	0.05	0.03	0.02	0.02	0.04	
	(Sub-Total) Cereals	204.5	100.94	111.85	212.79	213.07	102.15	117.03	219.18	215.58	94.06	136.68	230.74	
	Gram	16.32	9.61	5.53	15.14	17.07	11.34	8.76	20.10	16.11	12.36	3.36	15.72	
	Urd	2.41	1.95	1.38	3.33	2.48	2.45	1.36	3.82	2.68	2.00	1.31	3.31	
	Cowpea	0.21	0.16	0.04	0.2	0.27	0.15	0.15	0.30	0.36	0.20	0.15	0.35	
	Moong	2.24	1.1	1.43	2.53	1.93	1.74	0.92	2.65	2.79	1.72	1.58	3.31	
	Horse Gram	0.08	0.02	0.06	0.08	0.17	0.06	0.11	0.17	0.17	0.07	0.11	0.18	
	Lentil	1.04	0.44		0.74	1.46	0.57	0.86	1.42	1.79	0.53	0.85	1.38	
	Lathyrus	0.01	0.01		0.01					0.01	0.01	-	0.01	
	Peas	1.83	0.51	1.09	1.6	1.80	0.64	1.00	1.64	1.96	0.50	1.06	1.57	
	Moth	0.2	0.22	0.01	0.23	0.21	0.09	0.07	0.17	0.25	0.07	0.06	0.14	
	Arhar	2.16	1.24	1.03	2.27	2.58	1.20	1.32	2.52	2.64	1.15	1.63	2.78	
														(Contd.)

(Contd.)

Table: 14.7a (Contd.)

Crop Name	2012-13				2013-14				2014-15			
	Require- Ment	Availability		Total	Require- Ment	Availability		TOTAL	Require- Ment	Availability		Total
		Public	Private			Public	Private			Public	Private	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Rajma	0.11	0.11		0.11	0.05	0.01	0.04	0.05	0.00	0.00	-	0.00
Kehsari	0.04	0.03	0.01	0.04	0.06	0.02	0.04	0.06	0.06	0.02	0.04	0.06
Indian Bean					0.01	0.00	0.00	0.01	0.07	0.00	0.07	0.07
Rice Bean									0.00	-	0.00	0.00
(Sub-Total) Pulses	26.65	15.4	10.88	26.28	28.08	18.28	14.63	32.90	28.88	18.63	10.24	28.87
Castor	0.63	0.21	0.49	0.7	0.63	0.21	0.52	0.73	0.72	0.19	0.66	0.85
Rapeseed & Mustard	2.44	1.24	1.4	2.64	2.61	1.60	1.15	2.74	2.64	1.45	1.25	2.70
Groundnut	23.66	18.31	7.42	25.73	29.62	16.08	14.14	30.22	28.47	18.10	11.90	29.99
Niger	0.02	0.01	0.01	0.02	0.03	0.00	0.02	0.03	0.02	0.01	0.01	0.02
Til	0.29	0.12	0.18	0.3	0.29	0.13	0.18	0.31	0.31	0.14	0.23	0.37
Linseed	0.09	0.01	0.01	0.02	0.06	0.01	0.02	0.03	0.12	0.01	0.08	0.08
Soybean	31	19.1	19.18	38.28	33.00	21.82	15.12	36.95	34.29	10.96	16.37	27.33
Sunflower	0.67	0.03	0.65	0.68	0.54	0.04	0.56	0.60	0.45	0.04	0.42	0.46
Safflower	0.12	0.06	0.08	0.14	0.12	0.01	0.10	0.12	0.12	0.02	0.10	0.12
(Sub-Total) Oilseeds	58.92	39.09	29.42	68.51	66.88	39.90	31.83	71.73	67.13	30.91	31.02	61.93
Cotton	2.41	0.31	2.41	2.72	2.21	0.13	2.33	2.46	2.22	0.05	2.57	2.63
Jute/Mesta	0.36	0.23	0.14	0.37	0.53	0.34	0.05	0.39	0.45	0.19	0.42	0.61
(Sub-total) Fibres	2.77	0.54	2.55	3.09	2.74	0.48	2.38	2.86	2.68	0.24	3.00	3.24
Potato	21.62	4.73	12.59	17.32	22.91	5.97	12.98	18.95	27.19	6.74	18.11	24.85
Fodders	0.73	0.47	0.12	0.59	1.59	0.99	0.71	1.70	2.09	0.51	1.63	2.14
Grand Total	315.19	161.17	167.41	328.58	335.26	167.76	179.55	347.31	343.56	151.09	200.68	351.77

Source: Department of Agriculture, Cooperation & Farmers Welfare

Table 14.7(b): Crop-wise Distribution of Certified/ Quality Seeds

Crops	(Lakh Quintals)														
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	
Cereals															
Wheat	32.59	33.00	35.97	41.31	44.21	54.55	63.25	74.83	90.66	97.83	97.61	116.47	93.75	117.83	
Paddy	25.58	25.79	26.51	30.98	32.41	43.51	48.93	58.18	60.95	69.34	74.41	72.14	72.45	66.84	
Maize	2.75	3.42	3.38	4.13	4.64	5.74	5.80	7.94	7.74	8.94	9.35	9.07	11.20	11.72	
Jowar	2.20	2.15	2.37	2.31	2.28	2.32	2.38	2.41	2.24	2.16	1.99	2.29	2.06	1.74	
Bajra	1.80	1.79	1.76	1.76	2.17	2.16	1.90	2.20	1.74	2.31	2.27	2.14	2.20	1.94	
Ragi	0.14	0.24	0.21	0.25	0.22	0.21	0.27	0.25	0.05	0.26	0.26	0.29	0.29	0.35	
Barley	0.50	0.58	0.62	0.67	0.80	1.08	1.27	1.62	1.77	1.79	3.80	1.97	1.08	2.78	
Sub-Total (Cereals)	65.56	66.97	70.82	81.41	86.73	109.87	123.80	147.43	165.15	182.62	189.69	204.37	183.03	203.20	
Pulses															
Gram	1.53	2.64	3.90	3.62	3.45	5.08	6.73	8.6	12.32	12.50	13.16	14.83	17.48	14.73	
Lentil	0.29	0.26	0.35	0.52	0.45	0.54	0.56	0.59	0.55	0.74	0.66	0.70	1.28	1.19	
Peas	0.31	0.37	0.60	0.61	0.82	0.93	1.10	1.29	2.07	1.47	1.36	1.79	3.17	2.03	
Urad	0.97	1.43	1.32	1.01	0.92	0.8	1.40	1.37	1.61	1.96	2.31	2.33	1.64	1.84	
Moong	0.83	0.81	1.21	0.76	0.77	0.23	1.34	1.23	1.29	1.76	2.00	2.13	1.95	2.00	
Arhar	0.64	0.64	0.64	0.72	0.77	0.85	1.18	1.09	1.37	1.52	1.92	1.80	1.73	1.69	
Cowpea	0.05	0.33	0.05	0.08	0.11	0.09	0.10	0.16	0.20	0.33	0.32	0.45	0.24	0.25	
Others	0.07	0.12	0.10	0.08	0.08	0.11	0.16	0.15	0.28	0.56	0.53	0.48	0.31	1.05	
Sub-Total (Pulses)	4.69	6.60	8.17	7.40	7.37	9.63	12.57	14.48	19.69	20.83	22.26	24.51	27.80	24.77	
Oilseeds															
Groundnut	5.25	5.42	7.00	7.18	6.96	9.89	14.43	15.90	18.86	21.79	20.02	23.16	19.39	16.56	
Rapeseed & Mustard	0.86	0.82	0.91	1.31	1.24	1.36	1.71	1.63	2.09	2.07	2.56	1.88	1.63	2.13	

(Contd.)

Table: 14.7b (Contd.)

Crops	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Til	0.16	0.13	0.14	0.12	0.14	0.16	0.22	0.18	0.18	0.20	0.23	0.20	0.18	0.22
Sunflower	0.48	0.61	0.56	0.80	0.90	0.89	0.92	0.80	0.76	0.55	0.29	0.35	0.32	0.28
Soyabean	4.99	6.88	10.20	13.36	14.29	14.05	16.52	20.89	28.44	25.55	37.60	32.08	38.94	23.34
Linsced	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.04	0.02	0.02	0.05	0.04
Castorseed	0.26	0.37	0.39	0.41	0.50	0.36	0.42	0.42	0.29	0.31	0.67	0.68	0.51	0.55
Safflower	0.07	0.07	0.04	0.08	0.08	0.07	0.08	0.09	0.07	0.08	0.09	0.04	0.06	0.03
Others	0.01	0.04	0.14	0.15	0.23	0.20	0.01		0.01	0.01	0.01		0.01	0.04
Sub-Total (Oilseeds)	12.10	13.36	19.39	23.42	24.35	27.00	34.33	39.92	50.71	50.61	61.49	58.41	61.09	43.03
Fibres														
Cotton	2.62	2.31	2.45	2.56	2.69	2.45	1.89	2.27	2.36	2.33	2.53	2.50	2.28	2.22
Jute	0.21	0.19	0.20	0.19	0.19	0.26	0.24	0.28	0.27	0.27	0.32	0.30	0.30	0.33
Mesta/Others	0.06	0.24	0.13	0.01	0.01	0.34	0.50	0.03	0.02	0.04	0.24	0.15	0.29	1.31
Sub-Total (Fibers)	2.89	2.74	2.78	2.76	2.89	3.05	2.63	2.58	2.65	2.64	3.09	2.95	2.87	3.86
Other														
Miscellaneous														
Potato	6.33	7.16	7.01	5.05	5.08	5.12	5.35	10.55	18.68	20.08	16.68	21.47	24.63	28.12
Others	0.23	0.21	0.23	0.22	0.33	0.34	0.37	0.85	0.23	0.55	1.64	1.73	1.97	0.14
Sub-Total (Other Miscs.)	6.56	7.37	7.24	5.27	5.41	5.46	5.72	11.40	18.91	20.63	18.32	23.20	26.60	28.26
Grand Total	91.80	97.04	108.40	120.26	126.75	155.01	179.05	215.81	257.11	277.34	294.85	313.44	301.39	303.12

Source: Department of Agriculture, Cooperation & Farmers Welfare

Table 14.7(c): Crop-wise requirement and availability of Certified/ Quality of Hybrid Seeds

S.No.	Crop	(Thousand Tonnes)									
		2010-11		2011-12		2012-13		2013-14		2014-15	
		REQ.	AV.	REQ.	AV.	REQ.	AV.	REQ.	AV.	REQ.	AV.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Paddy	9.80	10.90	9.90	9.20	31.60	31.30	42.80	34.20	15.10	19.50
2	Maize	75.40	92.20	101.70	122.00	97.00	103.40	94.00	96.60	93.50	106.90
3	Jowar	11.50	13.90	13.00	13.90	13.20	13.90	7.90	10.20	15.60	19.00
4	Bajra	21.90	26.00	24.60	28.40	24.00	27.10	23.60	33.20	21.00	24.80
5	Arhar	0.06	0.06	0.02	0.02	0.00	0.01	0.00	0.00	0.09	0.09
6	Sunflower	5.80	6.30	6.90	9.60	6.40	6.60	4.90	5.40	2.90	3.00
7	Safflower	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Castor	2.50	3.10	3.37	4.50	4.00	4.30	3.40	4.30	7.10	8.40
9	Cotton	14.40	15.60	19.50	22.50	22.40	25.40	15.90	17.90	17.90	21.70
Total		141.41	168.06	179.00	210.12	198.60	212.01	192.50	201.80	173.19	203.39

Source: Department of Agriculture, Cooperation & Farmers Welfare
 RGQ: Requirement Av. Availability

Table 14.8(a): Consumption of Electricity for Agricultural Purposes

Year	Consumption for Agricultural Purposes (GWh)	Total Consumption (GWh)	% Share of Agricultural Consumption to Total Consumption
(1)	(2)	(3)	(4)
1983-84	18234	102344	17.82
1984-85	20960	114068	18.38
1985-86	23422	122999	19.04
1986-87	29444	135952	21.66
1987-88	35267	145613	24.22
1988-89	38878	160196	24.27
1989-90	44056	175419	25.11
1990-91	50321	190357	26.44
1991-92	58557	207645	28.20
1992-93	63328	220674	28.70
1993-94	70699	238569	29.63
1994-95	79301	259630	30.54
1995-96	85732	277029	30.95
1996-97	84019	280206	29.98
1997-98	91242	296749	30.75
1998-99	97195	309734	31.38
1999-00	90934	312841	29.07
2000-01	84729	316600	26.76
2001-02	81673	322459	25.33
2002-03	84486	339598	24.88
2003-04	87089	360937	24.13
2004-05	88555	386134	22.93
2005-06	90292	411887	21.92
2006-07	99023	455748	21.73
2007-08	104182	501977	20.75
2008-09	107776	527564	20.43
2009-10	119492	569618	20.98
2010-11	126377	616969	20.48
2011-12	140960	672933	20.95
2012-13	147462	708843	20.80

Source : Central Electricity Authority, New Delhi
GWh: Giga Watt-hour

Table 14.8 (b): State-wise Consumption of Electricity for Agriculture purpose in 2012-13

Region	State/UT	Consumption for Agriculture Purpose (GWh)	Total Energy Sold (GWh)	% Share of Consumption for Agriculture
(1)	(2)	(3)	(4)	(5)
Northern	Haryana	8279.71	26257.62	31.53
	Himachal Pradesh	74.95	7357.80	1.02
	Jammu & Kashmir	296.74	5163.02	5.75
	Punjab	10779.03	35825.19	30.09
	Rajasthan	18324.65	42160.22	43.46
	Uttar Pradesh	9214.73	55549.55	16.59
	Uttarakhand	387.84	8574.11	4.52
	Chandigarh	1.40	1365.05	0.10
	Delhi	34.22	23144.22	0.15
	Sub-Total	47393.27	205396.78	23.07
Western	Gujarat	14974.84	63426.81	23.61
	Madhya Pradesh	9978.28	32935.62	30.30
	Chhattisgarh	2518.08	14115.15	17.84
	Maharashtra	22059.05	100285.15	22.00
	Goa	21.00	2998.21	0.70
	Daman & Diu	4.19	1814.17	0.23
	D. & N. Haveli	3.55	4594.84	0.08
	Sub-Total	49558.99	220169.95	22.51
Southern	Andhra Pradesh	19935.79	68439.15	29.13
	Karnataka	17173.77	51439.47	33.39
	Kerala	192.64	16832.56	1.14
	Tamil Nadu	11248.00	62076.91	18.12
	Puducherry	56.75	2492.44	2.28
	Lakshadweep	0.00	37.90	0.00
	Sub-Total	48606.95	201318.43	24.14
Eastern	Bihar	336.53	6720.60	5.01
	Jharkhand	84.00	17124.36	0.49
	Odisha	156.63	13552.00	1.16
	West Bengal	1245.56	36320.33	3.43
	A.& N. Islands	0.84	206.35	0.41
	Sikkim	0.00	385.44	0.00
	Sub-Total	1823.56	74309.08	2.45
North Eastern	Assam	35.00	4205.00	0.83
	Manipur	1.58	379.01	0.42
	Meghalaya	0.48	1258.58	0.04
	Nagaland	0.04	327.64	0.01
	Tripura	41.96	721.39	5.82
	Arunachal Pradesh	0.00	470.93	0.00
	Mizoram	0.08	286.60	0.03
	Sub-Total (NER)	79.14	7649.15	1.03
	Total (All India)	147461.92	708843.39	20.80

Source : Central Electricity Authority, New Delhi.

GWh: Giga Watt-hour

Table 14.9(a): Flow of Institutional Credit to Agriculture Sector

Particulars/Agency	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
I. Production (ST) Credit															
Co-operative Banks	16528	18787	19668	22640	27157	34930	38622	43294	40164	56946	64527	81829	102592	113574	NA
RRBs	3245	3777	4775	6088	10010	12712	16631	21133	22413	29802	37808	47401	55957	70697	NA
Commercial Banks*	13486	17904	21104	26192	38791	57640	83202	116966	147818	189908	216773	266928	314951	388730	NA
Other Agencies	55	41	39	57	104	68			66			0	0	0	0
Sub Total (A)	33314	40509	45586	54977	76062	105350	138455	181393	210461	276656	319108	396158	473500	573001	635412
II. MT/IT Credit															
Co-operative Banks	4190	4737	3968	4235	4074	4474	3858	4964	5802	6551	5578	6134	8611	6389	NA
RRBs	974	1077	1295	1493	2394	2511	3804	4179	4352	5415	6160	7049	7724	11956	NA
Commercial Banks*	14321	15683	18670	26249	42690	67837	83283	64122	81133	95892	115933	101688	117540	120275	NA
Other Agencies	28	39	41	27	89	314			160						
Sub Total (B)	19513	21536	23974	32004	49247	75136	90945	73265	91447	107858	127671	114871	133875	138620	209916
ST + MT/IT Credit															
Co-operative Banks	20718	23524	23636	26875	31231	39404	42480	48258	45966	63497	70105	87963	111203	119963	138469
RRBs	4219	4854	6070	7581	12404	15223	20435	25312	26765	35217	43968	54450	63681	82653	102483
Commercial Banks*	27807	33587	39774	52441	81481	125477	166485	181088	228951	285800	332706	368616	432491	509005	604376
Other Agencies	83	80	80	84	193	382	0	0	226	0	0	0	0	0	0
Grand Total (A+B)	52827	62045	69560	86981	125309	180486	229400	254658	301908	384514	446779	511029	607375	711621	845328

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

* Provisional

NA : Agency-wise segregation is not available for Short Term/Mid Term/Long Term Credit

S. No.	States	(No. of A/c in Thousands)				(Amounts in ₹ Crore)			
		Crop Loan		Term Loan		Total Loan (Crop Loan & Term Loan)		No. of A/c	Amount
		No. of A/c	Amount	No. of A/c	Amount	No. of A/c	Amount		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
1	Tamilnadu	8984	69554	2728	30671	11713	100226		
2	Punjab	2053	64528	230	8435	2283	72963		
3	Uttar Pradesh	7777	57431	918	15180	8695	72611		
4	Maharashtra	5196	40088	1016	26733	6213	66821		
5	Rajasthan	4966	56072	509	9672	5475	65743		
6	Karnataka	4626	40621	1053	19612	5679	60233		
7	Kerala	5559	44425	788	12784	6347	57209		
8	Andhra Pradesh	4274	39411	807	14525	5080	53936		
9	Madhya Pradesh	5191	40679	265	6370	5456	47049		
10	Haryana	2110	32554	147	7884	2258	40438		
11	Gujarat	2249	28730	388	10597	2637	39327		
12	West Bengal	6605	22846	965	14448	7569	37294		
13	Telangana	2611	22632	261	7885	2872	30517		
14	Bihar	2630	15305	472	7558	3102	22864		
15	Odisha	3838	14745	196	2525	4034	17271		
16	Puducherry	2323	15165	59	765	2381	15930		
17	Delhi	6	9602	11	5662	17	15264		
18	Chhattisgarh	1285	6060	51	1812	1336	7872		

(Contd.)

Table: 14.9b (Contd.)

S. No.	States	Crop Loan		Term Loan		Total Loan (Crop Loan & Term Loan)	
		No. of A/c	Amount	No. of A/c	Amount	No. of A/c	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
19	Uttarakhand	410	4747	46	839	456	5586
20	Himachal Pradesh	239	3818	56	1146	296	4964
21	Assam	359	1830	70	922	429	2751
22	Jharkhand	542	1719	60	800	602	2518
23	Chandigarh	2	838	3	1502	5	2340
24	Triptura	109	474	50	548	159	1023
25	Goa	23	247	31	530	53	777
26	Jammu & Kashmir	51	600	13	166	64	766
27	Lakshadweep	19	175	2	58	21	233
28	Meghalaya	40	166	4	30	44	196
29	Manipur	15	64	8	88	23	153
30	Nagaland	20	87	3	48	23	135
31	Sikkim	6	48	1	28	7	75
32	Mizoram	9	37	3	33	12	70
33	A & N Island	4	47	2	19	6	66
34	Arunachal Pradesh	5	34	1	15	5	50
35	D & N Haveli	1	14	0	16	1	30
36	Daman & Diu	1	19	0	8	1	26
GRAND TOTAL		74139	635412	11217	209916	85355	845328

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

Note: States/UTs have been sorted in ascending order of Total Loan in Col-8

Table 14.10 State-wise and Agency-wise Operative / Live KCCs - Issued and amount outstanding as on 31 March 2015 (Cumulative)

Sr. No.	State/UT	Cooperative Banks		Regional Rural Banks		Commercial Banks		Total	
		Cards issued	Amt. outstanding	Cards issued	Amt. outstanding	Cards issued	Amt. outstanding	Cards issued	Amt. outstanding
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	Andhra Pradesh	2,895,397	7,836.22	1,582,084	7,726.67	3689954	39388.33	8,167,435	54,951.22
2	Assam	27,263	33.43	456,677	1,824.75	590325	2718.97	1,074,265	4,577.15
3	Arunachal Pradesh#	450	9.32	3,294	8.76	10448	54.76	14,192	72.84
4	Bihar	681,619	1,276.00	1,548,625	6,283.86	1423068	9786.24	3,653,312	17,346.10
5	Gujarat	1,483,841	8,229.04	250,508	2,467.71	994490	19330.98	2,728,839	30,027.73
6	Goa \$	1,117	17.03	0	0.00	4275	95.71	5,392	112.74
7	Haryana	1,320,725	7,349.96	208,679	2,619.21	571778	19647.47	2,101,182	29,616.64
8	Himachal Pradesh	94,718	901.74	131,769	248.00	189050	2649.49	415,537	3,799.23
9	Jammu & Kashmir	33,690	261.66	16,343	99.03	214872	2839.89	264,905	3,200.58
10	Karnataka	2,375,383	8,879.73	840,059	7,267.21	912001	23744.84	4,127,443	39,891.78
11	Kerala	787,724	2,542.48	159,671	1,106.05	301964	8415.17	1,249,359	12,063.70
12	Madhya Pradesh	5,166,011	12,857.50	504,079	5,283.78	1488478	25649.69	7,158,568	43,790.97
13	Maharashtra	4,869,885	13,466.71	353,084	2,320.43	2238521	28958.55	7,461,490	44,745.69
14	Meghalaya#	25,798	2,713.00	16,865	70.05	59138	259.31	101,801	3,042.36
15	Mizoram#	790	6.22	18,069	73.94	14627	81.83	33,486	161.99
16	Manipur#	484	1.90	5,588	14.35	19887	119.43	25,959	135.68
17	Nagaland#	2,364	9.92	1,096	2.02	32029	138.18	35,489	150.12
18	Odisha	4,440,063	6,760.49	573,556	1,999.77	703661	3851.69	5,717,280	12,611.95
19	Punjab	996,147	6,807.89	116,613	2,882.55	747791	39245.76	1,860,551	48,936.20
20	Rajasthan	3,926,861	11,401.80	528,884	8,487.34	1716205	36190.73	6,171,950	56,079.87

(Contd.)

Table: 14.10 (Contd.)

Sr. No.	State/UT	Cooperative Banks		Regional Rural Banks		Commercial Banks		Total	
		Cards issued (3)	Amt. outstanding (4)	Cards issued (5)	Amt. outstanding (6)	Cards issued (7)	Amount outstanding (8)	Cards issued (9)	Amount outstanding (10)
21	Sikkim#\$	7,617	7.63	0	0.00	4101	29.9	11,718	37.53
22	Tamil Nadu	1,430,790	4,694.70	498,399	1,626.64	584878	10565.51	2,514,067	16,886.85
23	Tripura#	113,154	122.79	113,313	122.75	79381	284.22	305,848	529.76
24	Uttar Pradesh	4,298,533	7,049.26	3,090,630	19,243.82	3832845	45915.2	11,222,008	72,208.28
25	West Bengal	1,894,295	2,806.68	567,591	2,056.20	1032630	5275.83	3,494,516	10,138.71
26	A & N island#\$	6,033	9.37	0	0.00	838	3.14	6,871	12.51
27	Chandigarh\$	0	0.00	0	0.00	1501	230.37	1,501	230.37
28	Daman & Diu#\$	0	0.00	0	0.00	49	6.61	49	6.61
29	New Delhi#\$	311	3.94	0	0.00	4034	167.6	4,345	171.54
30	D & N Haveli@\$	0	0.00	0	0.00	608	15.82	608	15.82
31	Lakshdweep@\$	0	0.00	0	0.00	706	2.89	706	2.89
32	Puducherry#	5,867	16.17	1,158	7.27	18497	282.36	25,522	305.80
33	Jharkhand	37,369	35.09	449,061	832.27	621491	2273.41	1,107,921	3,140.77
34	Chhattisgarh	1,935,533	2,732.50	257,904	946.98	198319	2692.86	2,391,756	6,372.34
35	Uttarakhand	367,072	846.93	49,027	271.54	222120	3814.48	638,219	4,932.95
	TOTAL	39,226,904	109,687.10	12,342,626	75,892.95	22,524,560	334,496.85	74,094,090	520,307.27

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

SCB functions as CFA.

@ No Cooperative Banks in these UTs.

\$ No RRB in these States/UTs.

Table 14.11(a); State-wise National Agricultural Insurance Scheme (NAIS)-Cumulative upto Rabi 2014-15

S. No.	State / UTs	No. of Farmers covered	Area Insured (In Ha)	Sum Insured	Farmers' Premium	State Govt. Premium (Share)	GoI Premium (Share)	Gross Premium	Claims Reported	Claims Paid	No. of Farmers Benefitted
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Andhra Pradesh	30018556	45681281.24	6244130.62	161625.49	7884.46	7884.46	177394.41	487804.04	472718.72	6876533
2	Assam	420342	307254.82	89840.77	2247.07	129.57	129.57	2506.21	1687.30	1655.87	65963
3	Bihar	7616212	8903914.75	1726992.40	35738.72	1683.78	1683.78	39106.29	343497.24	229868.67	3269864
4	Chhattisgarh	10519336	21197012.67	1177435.60	27980.38	1258.07	731.89	29970.33	39967.48	39856.62	1712134
5	Goa	8211	13440.13	318.12	4.31	0.73	0.60	5.65	2.36	2.36	702
6	Gujarat	14992011	34163257.31	4577163.19	165820.38	12489.92	3872.73	182183.03	700536.41	700448.90	5137321
7	Haryana	635778	769038.32	83496.10	2345.73	34.13	34.13	2413.98	4336.39	4336.40	129424
8	Himachal Pradesh	346302	272638.39	66495.37	771.37	554.24	75.14	1400.75	1828.78	1828.78	108562
9	Jharkhand	6341386	3830461.20	359144.57	8308.30	241.60	241.60	8791.50	52466.07	52450.26	2188030
10	Karnataka	13149944	20872419.69	1641805.69	45997.05	1200.35	1200.35	48397.74	194940.44	194940.44	5223118
11	Kerala	461282	414760.68	87165.63	1629.98	125.80	125.80	1881.59	3062.82	3062.82	85470
12	Madhya Pradesh	38247033	91052481.24	7929720.60	207839.95	2949.75	2949.75	213739.45	521149.47	511963.48	7476038
13	Maharashtra	40094326	33477684.05	2828896.28	90235.47	28581.22	3776.22	122592.91	472675.90	451564.01	14960115
14	Manipur	28131	40672.38	10306.30	239.91	8.09	8.09	256.09	956.50	956.50	22418
15	Meghalaya	35228	35351.79	7017.02	266.69	20.75	20.75	308.19	68.46	52.17	3600

(Contd.)

Table: 14.11a (Contd.)

S. No.	State / UTs	No. of Farmers covered	Area Insured (In Ha)	Sum Insured	Farmers' Premium	State Govt. Premium (Share)	Govt Premium (Share)	Gross Premium	Claims Reported	Claims Paid	No. of Farmers Benefitted
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
16	Mizoram	121	133.79	23.24	0.53	0.03	0.03	0.58	11.23	11.23	119
17	Odisha	17716672	17413214.56	2863667.90	64222.17	3718.82	3718.82	71659.82	209356.33	208565.18	3233123
18	Rajasthan	15058674	31379980.35	1620309.00	45016.74	368.81	368.81	45754.35	262165.99	262165.99	5200566
19	Sikkim	1913	1337.37	266.63	3.71	0.30	0.30	4.31	1.28	1.28	86
20	Tamil Nadu	7193208	9285930.85	2096615.62	26886.04	24459.03	1779.31	53124.38	296479.13	295816.62	2828760
21	Telangana	266043	296567.97	105123.53	3047.52	139.46	139.46	3326.44	2204.19	2204.19	53591
22	Tripura	19783	13053.65	2980.37	73.65	4.46	4.46	82.58	58.31	58.31	3432
23	Uttar Pradesh	23426012	31070385.59	3353782.49	63262.82	2609.59	2609.59	68482.01	116937.52	116937.52	4517617
24	Uttarakhand	399156	372508.94	87097.93	1799.49	89.32	89.32	1978.13	4188.31	4188.31	119370
25	West Bengal	13124709	6554104.71	1645194.63	41127.42	34849.16	4516.57	80493.15	126254.62	123610.06	2880357
26	A & N Islands	3718	5769.00	1666.29	3.25	34.95	5.44	43.65	115.22	115.22	944
27	Puducherry	41578	58051.36	10879.27	141.55	54.48	14.15	210.19	316.95	313.75	7269
28	Jammu & Kashmir	49065	68994.99	10902.23	197.86	7.97	7.97	213.80	126.42	124.07	4492
Grand Total		240214730	357551701.80	38628437.41	996833.56	123498.84	35989.11	1156321.51	3843195.17	3679817.74	66109038

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

Note : Rabi 2014-15 statistics is provisional and claims from few states are yet to be reported

Table 14.11 (b): Season-wise National Agricultural Insurance Scheme (NAIS)-Cumulative upto Rabi 2014-15

S. No.	Season	No. of Farmers Covered	Area Insured (In Hec.)	Sum Insured	Farmers' Premium	State Govt. Premium (Share)	Goi Premium (Share)	Gross Premium	Claims Reported	Claims Paid	No. of Farmers Benefitted
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Rabi 1999-00	579940	780569.36	35640.71	376.78	82.85	82.85	542.48	769.26	769.26	55288
2	Kharif 2000	8409374	13219828.68	690338.38	15933.68	2369.94	2369.94	20673.55	122248.15	122248.15	3635252
3	Rabi 2000-01	2091733	3111423.25	160268.46	1955.23	411.77	411.77	2778.76	5948.63	5948.63	526697
	Total 2000-01	10501107	16331251.93	850606.84	17888.91	2781.70	2781.70	23452.31	128196.78	128196.78	4161949
4	Kharif 2001	8696587	12887710.38	750246.11	21399.68	2381.07	2381.07	26161.82	49363.57	49363.57	1741906
5	Rabi 2001-02	1955431	3145872.65	149751.11	2237.00	388.90	388.90	3014.79	6465.80	6465.80	453325
	Total 2001-02	10652018	16033583.03	899997.22	23636.68	2769.97	2769.97	29176.61	55829.37	55829.37	2195231
6	Kharif 2002	9768711	15532348.53	943169.37	28060.29	2243.19	2243.19	32546.68	182439.20	182439.20	4297155
7	Rabi 2002-03	2326811	4037824.35	183754.52	3177.63	336.41	336.41	3850.44	18854.84	18854.84	926408
	Total 2002-03	12095522	19570172.88	1126923.89	31237.92	2579.60	2579.60	36397.12	201294.04	201294.04	5223563
8	Kharif 2003	7970830	12355513.83	811412.55	25888.61	1222.29	1222.29	28333.19	65268.12	65268.12	1712270
9	Rabi 2003-04	4421287	6468662.75	304949.21	5781.70	312.09	312.09	6405.87	49710.37	49710.37	2098125
	Total 2003-04	12392117	18824176.58	1116361.76	31670.31	1534.38	1534.38	34739.06	114978.49	114978.49	3810395
10	Kharif 2004	12687104	24273393.97	1317061.59	43885.06	1004.61	1004.61	45894.28	103829.42	103829.42	2674743
11	Rabi 2004-05	3531045	5343243.62	377420.53	7172.91	206.18	206.18	7585.28	16058.60	16058.60	772779
	Total 2004-05	16218149	29616637.59	1694482.12	51057.97	1210.79	1210.79	53479.55	119888.01	119888.01	3447522

(Contd.)

Table: 14.11b (Contd.)

S. No.	Season	No. of Farmers Covered	Area Insured (In Hec.)	Sum Insured	Farmers' Premium	State Govt. Premium (Share)	Goi Premium (Share)	Gross Premium	Claims Reported	Claims Paid	No. of Farmers Benefitted
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
12	Kharif 2005	12673833	20531037.95	1351909.81	42951.40	1021.77	1021.77	44994.94	108644.91	108644.91	2687605
13	Rabi 2005-06	4048524	7218417.22	507166.12	9959.28	261.56	261.56	10482.40	33830.20	33830.20	980748
	Total 2005-06	16722357	27749455.17	1859075.94	52910.68	1283.33	1283.33	55477.34	142475.11	142475.11	3668353
14	Kharif 2006	12934060	19672280.35	1475936.10	44074.09	1592.60	1062.46	46729.14	177621.89	177621.89	3131511
15	Rabi 2006-07	4977980	7632881.68	654221.41	13149.85	769.47	368.27	14287.60	51597.41	51597.41	1391554
	Total 2006-07	17912040	27305162.03	2130157.52	57223.94	2362.07	1430.73	61016.74	229219.30	229219.30	4523065
16	Kharif 2007	13398822	20754746.67	1700796.37	49766.23	1429.31	1236.74	52432.28	91535.70	91535.69	1591863
17	Rabi 2007-08	5044016	7387156.02	746664.33	14071.44	1345.25	454.31	15871.00	81017.92	81017.92	1578668
	Total 2007-08	18442838	28141902.69	2447460.70	63837.67	2774.56	1691.05	68303.28	172553.61	172553.61	3170531
18	Kharif 2008	12992272	17636186.74	1566607.29	47822.23	2192.86	1179.27	51194.35	237780.25	237780.26	4218975
19	Rabi 2008-09	6210648	8857836.10	1114871.03	22332.07	6296.27	943.74	29572.08	150981.81	150975.62	1979705
	Total 2008-09	19202920	26494022.84	2681478.32	70154.30	8489.13	2123.01	80766.44	388762.06	388755.88	6198680
20	Kharif 2009	18253072	25769817.24	2761670.64	80572.32	3589.15	2123.41	86284.89	453744.83	453744.83	7970699
21	Rabi 2009-10	5681148	7899761.05	1100750.21	21674.65	6524.54	971.28	29170.48	58727.80	58013.31	1043877
	Total 2009-10	23934220	33669578.29	3862420.85	102246.98	10113.70	3094.70	115455.37	512472.63	511758.14	9014576
22	Kharif 2010	12682242	17108888.27	2371106.80	67637.11	2612.50	1928.94	72178.55	164177.75	164143.58	2252829
23	Rabi 2010-11	4967878	6938628.49	1101055.62	20398.73	8405.33	1012.67	29816.72	65793.61	65793.61	1138465
	Total 2010-11	17650120	24047516.76	3472162.42	88035.84	11017.82	2941.61	101995.27	229971.35	229937.18	3391294

(Contd.)

Table: 14.11b (Contd.)

S. No.	Season	No. of Farmers Covered	Area Insured (In Hec.)	Sum Insured	Farmers' Premium	State Govt. Premium (Share)	Goi Premium (Share)	Gross Premium	Claims Reported	Claims Paid	No. of Farmers Benefitted
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
24	Kharif 2011	11554561	15776488.93	2348710.36	66203.64	3347.24	1884.02	71434.91	166541.78	166541.49	1844727
25	Rabi 2011-12	5239299	7609277.50	1128393.63	19447.73	5669.68	650.40	25767.81	54320.16	54216.47	1287183
	Total 2011-12	16793860	23385766.43	3477103.99	85651.37	9016.93	2534.43	97202.72	220861.94	220757.96	3131910
26	Kharif 2012	10649354	15693700.52	2719906.05	76983.25	8824.39	2066.54	87874.18	278578.90	278577.25	1909592
27	Rabi 2012-13	6141677	8691156.97	1570872.75	27191.23	16621.70	957.04	44769.98	205254.95	191484.67	2543953
	Total 2012-13	16791031	24384857.49	4290778.80	104174.48	25446.10	3023.58	132644.16	483833.86	470061.91	4453545
28	Kharif 2013	9746595	14230707.02	2892425.09	82132.15	13390.73	2249.52	97772.40	310040.65	305991.70	2785487
29	Rabi 2013-14	3973984	6472309.81	461452.54	20400.76	8643.51	711.46	29755.73	104361.26	98396.29	996182
	Total 2013-14	13720579	20703016.84	3353877.63	102532.92	22034.24	2960.98	127528.13	414401.91	404387.98	3781669
30	Kharif 2014	9683572	11545892.10	2438783.44	78459.10	4028.72	1978.00	84465.82	291840.79	288760.51	4335503
31	Rabi 2014-15(P)	6922782	8968423.98	2089204.38	35741.38	15973.17	1968.61	53683.16	135844.49	166.88	1545940
	Total 2014-15(P)	16606354	20514316.08	4527987.83	114200.47	20001.89	3946.62	138148.98	427685.28	288927.39	5881443
	Kharif Seasons Total	172100989	256988541.18	26148141.66	771768.84	51250.38	25951.77	848970.99	2803655.90	2796490.56	46790117
	Rabi Seasons Total	68113741	100563160.61	12480295.75	225064.71	72248.47	10037.34	307350.51	1039539.27	883327.18	19318921
	Grand Total	240214730	357551701.80	38628437.41	996833.56	123498.84	35989.11	1156321.51	3843195.17	3679817.74	66109038

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

Note: Rabi 2014-15 statistics is provisional and claims from few states are yet to be reported

Table 14.12(a): State-wise Weather Based Crop Insurance Scheme (WBCIS)-Cumulative (upto Rabi 2014-15)

Sl. No.	State / UT	Farmers Insured (no.)	Area Insured (ha.)	Sum Insured	Farmer Premium	GOI Share in Premium	State Govt Premium (share)	Gross Premium	Claims Payable	Claims Paid	Farmers Benefited (no.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Andhra Pradesh	2886162	4671266.21	1184993.37	45501.37	36373.92	36373.92	118249.22	92707.89	91921.00	2095937
2	Assam	24210	12618.91	19795.65	387.38	193.25	193.25	773.88	1343.73	73.26	19726
3	Bihar	12889390	13114093.48	3043102.50	86904.15	89458.40	89458.40	265820.94	199905.33	148182.48	10648027
4	Chhattisgarh	1287074	2246719.39	443314.00	18905.01	11149.55	12093.90	42148.47	31947.25	31945.81	843825
5	Gujarat	497661	413126.40	22394.75	251.80	839.80	1147.88	2239.48	857.35	857.35	170576
6	Haryana	359388	602022.74	190260.67	3695.45	5600.38	7472.65	16768.48	6565.42	4565.93	247658
7	Himachal Pradesh	253996	2595224.18	97440.27	5610.32	2805.10	2805.10	11220.51	7435.58	5688.81	133898
8	Jharkhand	585354	563565.44	120809.28	4162.14	3248.17	3248.17	10658.48	7730.68	511.95	520319
9	Jammu & Kashmir	1364	809.23	461.26	23.06	11.53	11.53	46.13	54.18	0.00	1364
10	Karnataka	984877	1219823.09	234390.40	11517.90	7527.86	7527.86	26573.63	19582.71	18380.40	787106
11	Kerala	128091	93125.35	28404.51	1013.12	845.73	1007.14	2865.99	2039.42	1894.36	96488
12	Madhya Pradesh	1131979	1766620.71	420952.75	12735.58	13395.44	13395.44	39526.45	24156.91	19287.02	977403
13	Maharashtra	2067585	2023099.27	518643.36	23857.89	15810.73	20754.59	60423.20	60801.83	60345.53	1718481
14	Odisha	315742	456503.67	65780.84	1414.07	2121.10	2121.10	5656.26	3210.36	3210.36	215814
15	Punjab	67	338.20	47.58	1.20	1.80	1.80	4.79	0.67	0.67	50
16	Rajasthan	38734181	51838206.36	4241215.04	137395.94	140959.43	140959.43	419314.80	330158.34	325384.13	24095606
17	Tamil Nadu	133335	178638.54	31800.02	926.18	1057.68	1057.68	3041.36	2303.92	2266.76	67854
18	Telangana	70538	69111.53	20437.12	1015.80	507.90	507.90	2031.59	5518.05	0.00	68721
19	Uttar Pradesh	821232	648030.90	160652.64	5835.78	7732.63	7732.63	21301.05	15779.92	14882.39	697630
20	Uttarakhand	130207	132889.88	43427.73	2429.91	1190.92	1190.92	4811.76	7847.32	7814.83	90852
21	West Bengal	108702	117399.84	18949.23	548.22	651.22	651.22	1850.67	1405.35	1324.38	62661
Total		63411135	82763233.32	10907272.96	364132.29	341482.54	349712.52	1055327.15	821352.22	738537.42	43559996

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

Note: Rabi 2014-15 statistics is provisional and claims from few states are yet to be reported

Table 14.12(b): Season-wise Weather Based Crop Insurance Scheme (WBCIS)-Cumulative (upto Rabi 2014-15)

Sl. No.	Season	Farmers Insured	Area Insured (Ha)	Sum Insured	Farmers' Premium	GOI Premium (share)	State Govt Premium (share)	Gross Premium	Claims Payable	Claims Paid	Farmers benefited (No.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Kharif 2007	43790	50074.12	5301.00	141.75	280.66	280.66	703.08	524.12	524.12	35275
2	Rabi 2007-08	634635	1018253.59	173890.24	4377.24	4877.42	4877.42	14132.08	10039.94	10039.94	190610
	Total 2007-08	678425	1068327.71	179191.24	4518.99	5158.08	5158.08	14835.15	10564.05	10564.05	225885
3	Kharif 2008	183481	221202.06	35110.24	961.11	1315.04	1340.36	3616.29	1605.24	1605.24	108975
4	Rabi 2008-09	191647	260907.89	53632.68	1122.52	1715.16	1715.16	4552.84	3342.32	3342.32	120804
	Total 2008-09	375128	482109.95	88742.93	2083.63	3030.20	3055.52	8169.13	4947.56	4947.56	229779
5	Kharif 2009	1161055	1530782.47	211570.42	6058.23	7315.23	7837.44	21210.90	15789.29	15789.29	902866
6	Rabi 2009-10	1201525	1891091.45	285798.85	5651.63	8950.52	8950.52	23552.67	18719.47	18652.57	600336
	Total 2009-10	2362580	3421873.92	497369.27	11709.86	16265.75	16787.96	44763.57	34508.76	34441.86	1503202
7	Kharif 2010	4916784	7393241.52	567689.57	16823.54	19698.36	23028.55	59550.45	19193.90	19185.75	1790436
8	Rabi 2010-11	4383504	5745537.01	863379.31	17619.68	25883.20	25883.20	69386.07	44264.34	44237.81	2526629
	Total 2010-11	9300288	13138778.53	1431068.88	34443.22	45581.56	48911.74	128936.53	63458.23	63423.56	4317065
9	Kharif 2011	6905831	9787965.59	1035161.57	33167.45	34902.78	34902.78	102973.00	42595.50	42184.18	3597375
10	Rabi 2011-12	4766033	5844670.10	985846.15	20841.98	29675.05	30954.89	81471.94	75113.67	66635.56	2732017
	Total 2011-12	11671864	15632635.69	2021007.71	54009.43	64577.83	65857.66	184444.94	117709.17	108819.74	6329392

(Contd.)

Table: 14.12b (Contd.)

Sl. No.	Season	Farmers Insured	Area Insured (Ha)	Sum Insured	Farmers' Premium	GOI Premium (share)	State Govt Premium (share)	Gross Premium	Claims Payable	Claims Paid	Farmers benefited (No.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
11	Kharif 2012	8008123	11124733.65	1287053.19	40798.47	44337.81	44337.81	129474.13	87611.88	85953.12	6750827
12	Rabi 2012-13	5606265	7001317.08	1073320.79	25554.45	33697.39	33697.39	92949.22	106081.71	70522.02	4062209
	Total 2012-13	13614388	18126050.73	2360373.99	66352.92	78035.20	78035.20	222423.35	193693.59	156475.14	10813036
13	Kharif 2013	8854162	11172435.74	1462352.90	45912.59	50558.76	50558.76	147030.11	119578.68	114125.68	6854287
14	Rabi 2013-14	5302443	5335370.45	1089833.40	51247.51	19089.66	22000.68	92337.83	81685.26	70505.87	3785391
	Total 2013-14	14156605	16507806.19	2552186.30	97160.10	69648.43	72559.44	239367.93	201263.94	184631.55	10639678
15	Kharif 2014	8173252	9634995.54	1325034.32	69544.53	43454.53	43550.25	156549.28	124150.54	111588.15	6704976
16	Rabi 2014-15(P)	3078605	4750655.06	452298.32	24309.62	15730.97	15796.66	55837.26	71056.38	63645.81	2796983
	Total 2014-15(P)	11251857	14385650.60	1777332.64	93854.15	59185.49	59346.91	212386.54	195206.92	175233.97	9501959
	Grand Total	63411135	82763233.32	10907272.96	364132.29	341482.54	349712.52	1055327.15	821352.22	738537.42	43559996

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

Note: Rabi 2014-15 statistics is provisional and claims from few states are yet to be reported

Table 14.13 (a): State-wise Modified National Agricultural Insurance Scheme (MNAIS)-Cumulative (upto Rabi 2014-15)

Sl. No.	States / Uts.	Farmers Insured (no.)	Area Insured (ha.)	Sum Insured	Farmer Premium	GOI Share in Premium	State Govt.'s Premium	Premium Collected	Claims Payable	Claims Paid	Farmers Benefitted (no.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Andhra Pradesh	1444400	1549294.82	657369.90	26228.22	15267.43	15267.43	56763.08	78598.56	78476.68	581915
2	Andaman & Nicobar	783	1230.47	460.32	0.00	3.04	13.24	16.28	5.86	5.86	184
3	Assam	19929	15684.68	6504.28	154.25	47.79	47.79	248.45	115.35	69.88	2211
4	Bihar	1382947	1570615.22	262831.59	15447.72	18889.74	18889.74	53226.20	21320.46	17203.39	269128
5	Chhattisgarh	18	31.76	4.76	0.13	0.04	0.04	0.22	0.00	0.00	0
6	Goa	160	180.31	26.17	0.52	0.06	0.07	0.65	0.00	0.00	0
7	Gujarat	432	590.66	261.22	10.99	8.62	8.62	28.23	0.00	0.00	0
8	Haryana	262687	446689.08	184765.93	3816.99	1187.71	1187.71	6194.42	5040.63	4982.41	46374
9	Jharkhand	117470	118015.76	26665.59	1175.08	717.67	717.67	2611.43	292.69	18.83	6687
10	Karnataka	1564498	2382636.74	393085.04	17239.80	11783.93	11782.93	40806.66	24924.84	24380.02	443615
11	Kerala	19903	26211.17	9521.69	207.24	130.47	156.34	494.06	424.78	424.78	1367
12	Madhya Pradesh	218380	359047.88	51095.78	1229.39	380.06	380.06	1991.52	345.41	345.41	6398
13	Maharashtra	51964	49621.11	7621.06	382.17	456.50	523.32	1361.99	0.00	0.00	0
14	Mizoram	512	488.00	99.33	3.44	1.52	1.52	6.48	9.44	9.44	512
15	Odisha	425024	280279.69	103216.98	2185.90	647.33	678.81	3510.04	21358.92	21282.42	196774
16	Rajasthan	7780846	8527173.06	658929.72	30590.91	22505.92	22505.92	75603.56	57035.85	53406.53	1909272
17	Tamil Nadu	476381	522736.77	134916.99	5707.74	4165.08	4165.08	14037.91	25013.07	24649.42	231346
18	Telangana	700585	992581.84	400714.85	9049.14	2285.68	2285.68	13620.50	0.00	0.00	0
19	Uttar Pradesh	2511528	2945670.58	774707.35	22878.41	10652.90	10639.26	44183.80	83220.02	82579.09	1102097
20	Uttarakhand	115273	93936.67	31709.80	632.21	135.01	133.26	902.37	1283.51	1072.60	25866
21	West Bengal	1943422	961459.29	501798.15	15639.97	12886.85	18047.68	46574.49	23763.45	21955.36	317960
Total		19037142	20844175.57	4206306.50	152580.21	102153.38	107432.19	362182.34	342752.84	330862.10	5141706

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

Note: Rabi 2014-15 statistics is provisional and claims from few states are yet to be reported

Table 14.13 (b): Season-wise Modified National Agricultural Insurance Scheme (MNAIS)-Cumulative (upto Rabi 2014-15)

Sl. No.	Season	Farmers Insured	Area Insured (Ha)	Sum Insured	Farmers' Premium	GOI Premium (share)	State Govt Premium (share)	Gross Premium	Claims Payable	Claims Paid	Farmers benefited (No.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Rabi 2010-11	358421	323734.24	69364.04	2375.51	1176.37	1180.20	4732.08	1614.88	1614.88	46879
	Total 2010-11	358421	323734.24	69364.04	2375.51	1176.37	1180.20	4732.08	1614.88	1614.88	46879
2	Kharif 2011	458157	665653.80	134587.47	5012.29	3551.95	3613.66	12178.89	9609.97	9609.97	100201
3	Rabi 2011-12	754999	707381.12	201008.37	6781.63	4504.76	5233.88	16521.27	8428.11	8325.56	122820
	Total 2011-12	1213156	1373034.92	335595.84	11793.92	8056.70	8847.53	28700.15	18038.08	17935.53	223021
4	Kharif 2012	2062445	2239316.33	489695.03	22033.62	17201.51	17200.51	56432.04	62344.62	62153.52	605637
5	Rabi 2012-13	949009	741753.02	207714.72	7500.89	5217.46	6211.87	18929.86	5361.55	5320.26	113335
	Total 2012-13	3011454	2981069.34	697409.75	29534.51	22418.97	23412.39	75361.90	67706.18	67473.78	718972
6	Kharif 2013	2361334	2274451.46	582563.26	25504.09	19242.10	19273.58	64022.77	85468.73	81191.24	962600
7	Rabi 2013-14	2997404	3253404.75	640660.85	20824.57	10772.76	11831.67	43444.51	52757.48	51970.80	803094
	Total 2013-14	5358738	5527856.21	1223224.11	46328.66	30014.86	31105.25	107467.28	138226.21	133162.04	1765694
8	Kharif 2014	5895294	7085433.17	969658.09	35196.66	28965.20	31364.64	95526.51	57063.57	54840.50	1472654
9	Rabi 2014-15 (P)	3200079	3553047.69	911054.67	27350.95	11521.28	11522.19	50394.43	60103.92	55835.38	914486
	Total 2014-15 (P)	9095373	10638480.86	1880712.76	62547.61	40486.48	42886.83	145920.94	117167.49	110675.88	2387140
	Grand Total	19037142	20844175.57	4206306.50	152580.21	102153.38	107432.19	362182.34	342752.84	330862.10	5141706

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

Note: Rabi 2014-15 statistics is provisional and claims from few states are yet to be reported

Table 14.14: Coconut Palm Insurance Scheme (CPIIS)-cumulative (from 2009-10 to 2014-15)

State	No. of farmers	No. of Palms	Sum Insured	Premium			Claims Paid	Farmers benefited	
				Farmer	State	CDB			Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Andhra Pradesh	517	55295	558.47	0.76	0.73	1.49	2.97	0.00	0
Goa	240	59643	692.50	0.91	0.91	1.83	3.66	1.63	14
Karnataka	704	96422	1067.64	1.83	1.52	3.05	6.09	3.22	72
Kerala	52063	2081126	22469.28	29.61	29.61	59.20	118.42	263.16	5936
Maharashtra	14039	1016179	12833.87	21.84	22.54	45.08	87.38	26.58	423
Odisha	666	20683	338.30	0.64	0.65	1.30	2.58	0.11	2
Tamil Nadu	3691	741974	6278.09	10.70	10.70	21.41	42.81	42.40	366
West Bengal	692	28558	328.42	0.82	0.00	0.82	1.64	0.00	0
Total	72612	4099880	44566.57	67.13	66.66	134.17	265.54	337.10	6813

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

Table 14.15(a), State wise crop area insured under all Insurance Schemes

States/UTs	2012-13				2013-14				2014-15			
	Gross		Area		Gross		Area		Gross		Area	
	Area sown	(2)	insured	% of Area Insured	Area sown*	(5)	insured	% of Area Insured	Area sown*	(8)	insured	% of Area Insured
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Andhra Pradesh	136.5	42.87	31.41	136.5	34.35	25.16	136.5	5.40	3.96			
Andaman & Nicobar	0.25	0.01	4.45	0.25	0.02	6.88	0.25	0.01	4.92			
Arunachal Pradesh	2.85	0.00	0.00	2.85	0.00	0.00	2.85	0.00	0.00			
Assam	41.97	0.43	1.03	41.97	0.39	0.92	41.97	0.30	0.72			
Bihar	77.78	34.06	43.79	77.78	39.81	51.18	77.78	37.35	48.02			
Chandigarh	0.02	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00			
Chhattisgarh	56.91	24.33	42.75	56.91	13.65	23.98	56.91	18.85	33.12			
Dadar & Nagar Haveli	0.24	0.00	0.00	0.24	0.00	0.00	0.24	0.00	0.00			
Daman & Diu	0.03	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00			
Delhi	0.49	0.00	0.00	0.49	0.00	0.00	0.49	0.00	0.00			
Goa	1.63	0.00	0.19	1.63	0.00	0.29	1.63	0.00	0.11			
Gujarat	126	25.44	20.19	126	21.98	17.45	126	13.89	11.02			
Haryana	63.76	3.38	5.30	63.76	4.84	7.60	63.76	0.00	0.00			
Himachal Pradesh	9.47	4.11	43.36	9.47	0.25	2.65	9.47	0.53	5.62			
Jammu & Kashmir	11.62	0.16	1.36	11.62	0.06	0.50	11.62	0.00	0.03			
Jharkhand	16.57	4.78	28.83	16.57	4.42	26.68	16.57	2.44	14.75			
Karnataka	117.48	12.91	10.99	117.48	9.15	7.79	117.48	14.39	12.25			
Kerala	25.92	0.51	1.98	25.92	0.48	1.85	25.92	0.44	1.70			
Lakshdweep	0.03	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00			

(Contd.)

Table: 14.15a (Contd.)

States/UT's	2012-13				2013-14				2014-15			
	Gross Area sown (2)	Area insured (3)	% of Area Insured (4)	Gross Area sown* (5)	Area insured (6)	% of Area Insured (7)	Gross Area sown* (8)	Area insured (9)	% of Area Insured (10)			
(1)												
Madhya Pradesh	231.3	90.81	39.26	231.3	103.23	44.63	231.3	106.20	45.91			
Maharashtra	218.74	20.15	9.21	218.74	16.05	7.34	218.74	48.69	22.26			
Manipur	3.09	0.10	3.08	3.09	0.10	3.17	3.09	0.06	2.10			
Meghalaya	3.4	0.02	0.68	3.4	0.03	0.86	3.4	0.01	0.41			
Mizoram	1.16	0.00	0.05	1.16	0.00	0.00	1.16	0.00	0.00			
Nagaland	4.89	0.00	0.00	4.89	0.00	0.00	4.89	0.00	0.00			
Odisha	50.69	14.09	27.80	50.69	14.19	28.00	50.69	16.90	33.35			
Puducherry	0.26	0.04	16.52	0.26	0.02	9.17	0.26	0.02	6.67			
Punjab	78.7	0.00	0.00	78.7	0.00	0.00	78.7	0.00	0.00			
Rajasthan	239.54	120.93	50.49	239.54	126.13	52.65	239.54	119.05	49.70			
Sikkim	1.44	0.00	0.01	1.44	0.00	0.00	1.44	0.00	0.01			
Tamil Nadu	51.4	14.30	27.83	51.4	9.40	18.28	51.4	8.40	16.33			
Telangana	-	-	-	-	-	-	-	13.58	-			
Tripura	3.68	0.01	0.28	3.68	0.00	0.00	3.68	0.00	0.11			
Utar Pradesh	258.21	23.16	8.97	258.21	21.99	8.52	258.21	20.53	7.95			
Uttarakhand	11.24	1.35	12.01	11.24	0.48	4.25	11.24	0.51	4.56			
West Bengal	96.78	6.07	6.27	96.78	6.23	6.44	96.78	9.97	10.30			
All India Total	1943.99	444.03	22.84	1943.99	427.23	21.98	1943.99	437.56	22.51			

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

*data for Gross area sown is available till 2012-13 only

Table 14.15(b); Crop-wise area insured under all Insurance Schemes

SL. No.	Crops	2012-13				2013-14				2014-15			
		Gross Area		% of Area		Gross Area		% of Area		Gross Area		% of Area	
		Sown	Insured	Insured	(4)	Sown*	Insured	Insured	(7)	Sown*	Insured	Insured	(11)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Paddy	427.57	105.04	24.57	427.57	93.93	21.97	427.57	100.47	23.50			
2	Wheat	304.95	64.59	21.18	304.95	79.69	26.13	304.95	77.64	25.46			
3	Coarse Grains	251.45	51.22	20.37	251.45	44.41	17.66	251.45	59.53	23.67			
4	Sugarcane	54.43	3.18	5.85	54.43	3.05	5.60	54.43	1.45	2.67			
5	Cotton	118.81	13.45	11.32	118.81	12.71	10.70	118.81	15.35	12.92			
6	Jute & Mesta	8.55	0.05	0.63	8.55	0.04	0.46	8.55	0.70	8.18			
7	Oilseeds	290.97	98.35	33.80	290.97	112.11	38.53	290.97	104.62	35.96			
8	Pulses	219.59	66.07	30.09	219.59	64.70	29.46	219.59	57.69	26.27			
9	Vegetables	55.05	7.37	13.39	55.05	10.24	18.61	55.05	20.88	37.92			
10	Fruits	37.66	5.57	14.79	37.66	1.25	3.31	37.66	15.09	40.08			
Area for all Crops		1943.99	444.03	22.84	1943.99	427.23	21.98	1943.99	437.56	22.51			

Source: Department of Agriculture, Cooperation & Farmers Welfare (Credit Division)

*data for Gross area sown is available till 2012-13 only

Table 14.16(a); Year-wise sale of Tractors and Power Tillers

(Thousand Number)		
Year	Tractor	Power Tiller
(1)	(2)	(3)
2004-05	248	17
2005-06	296	22
2006-07	353	25
2007-08	347	26
2008-09	343	35
2009-10	394	39
2010-11	545	55
2011-12	535	60
2012-13	591	47
2013-14	697	56
2014-15	551	46
Total	4899	429

Source: ICAR

Table 14.16(b); State wise sale of Tractors during 2014-15

(Number)	
(1)	(2)
Andhra Pradesh	37028
Assam	3557
Bihar	36090
Jharkhand	8169
Gujarat	46411
Haryana	30626
Himachal Pradesh	1519
Jammu & Kashmir	2601
Karnataka	33758
Kerala	268
Maharashtra	49839
Madhya Pradesh	63744
Chhattisgarh	20011
Odisha	10878
Punjab	26074
Rajasthan	64565
Tamil Nadu	8072
Uttar Pradesh	92219
Uttarakhand	2205
West Bengal	12751
Others	1078
Total	551463

Source: ICAR

15

Agricultural Census (2010-11)

Table 15.1 Number and Area of Operational Holdings by Size Group

Category of Holdings	Number ('000) of Holdings					Area		Average Size of Holdings				No. of Holdings: ('000 Number)	Area Operated: ('000 Hectares)	Average size: (Hectares)
	2000-01*		2005-06*		2010-11		2000-01*	2005-06*	2010-11		2000-01*	2005-06*	2010-11	
	(1)	(2)	(3)	(4)	(5)	(6)			(7)	(8)				
Marginal (Less than 1 hectare)	75408 (62.9)	83694 (64.8)	92826 (67.1)	29814 (18.7)	32026 (20.2)	35908 (22.5)	0.40	0.38	0.39					
Small (1.0 to 2.0 hectares)	22695 (18.9)	23930 (18.5)	24779 (17.9)	32139 (20.2)	33101 (20.9)	35244 (22.1)	1.42	1.38	1.42					
Semi-Medium (2.0 to 4.0 hectares)	14021 (11.7)	14127 (10.9)	13896 (10.0)	38193 (24.0.)	37898 (23.9)	37705 (23.6)	2.72	2.68	2.71					
Medium (4.0 to 10.0 hectares)	6577 (5.5)	6375 (4.9)	5875 (4.2)	38217 (24.0)	36583 (23.1)	33828 (21.2)	5.81	5.74	5.76					
Large (10.0 hectares and above)	1230 (1.0)	1096 (0.8)	973 (0.7)	21072 (13.2)	18715 (11.8)	16907 (10.6)	17.12	17.08	17.38					
All Holdings	119931 (100.0)	129222 (100.0)	138348 (100.0)	159436 (100.0)	158323 (100.0)	159592 (100.0)	1.33	1.23	1.15					

Source: Department of Agriculture, Cooperation & Farmers Welfare (Agriculture Census 2010-11)

*-Excluding Jharkhand

Table 15.2(a) Number of Operational Holdings by Size Group

State/UT	Marginal	Small	Semi-Medium	Medium	Large	All Holdings
(1)	(2)	(3)	(4)	(5)	(6)	(7)
A & N Islands	4626	2415	3137	1592	33	11803
Andhra Pradesh	8424698	2918374	1399123	397252	35653	13175100
Arunachal Pradesh	21456	19333	34038	27941	6530	109298
Assam	1831115	496574	303528	84869	4137	2720223
Bihar	14744098	948016	414664	81484	3129	16191391
Chandigarh	453	133	78	47	3	714
Chhattisgarh	2182834	831118	502989	201841	27698	3746480
Dadar & Nagar Haveli	8177	3903	1807	733	104	14724
Daman & Diu	7716	458	137	36	8	8355
Delhi	11308	4517	2979	1543	150	20497
Goa	59900	9817	5707	2010	586	78020
Gujarat	1815634	1429021	1079533	512651	48771	4885610
Haryana	778142	314818	283828	194694	45829	1617311
Himachal Pradesh	670425	174596	84868	27606	3270	960765
Jammu & Kashmir	1206612	167130	63681	11449	525	1449397
Jharkhand	1848324	428861	282818	128683	20242	2708928
Karnataka	3848834	2138208	1266829	510745	67573	7832189
Kerala	6579692	180171	57028	12044	1854	6830789
Lakshadweep	9854	267	130	26	8	10285

(Contd.)

Table: 15.2a (Contd.)

State/UT	Marginal	Small	Semi-Medium	Medium	Large	All Holdings
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Madhya Pradesh	3891016	2448652	1654834	789143	88732	8872377
Maharashtra	6709034	4052317	2159109	710591	67914	13698965
Manipur	76735	48850	22235	2760	40	150620
Meghalaya	102714	57755	40542	8312	238	209561
Mizoram	50210	29753	9922	1731	264	91880
Nagaland	6476	20338	48457	77968	25172	178411
Odisha	3368296	918647	311261	63688	5574	4667466
Puducherry	28481	2779	1449	448	71	33228
Punjab	164431	195439	324515	298451	69718	1052554
Rajasthan	2511512	1511068	1335144	1127122	403590	6888436
Sikkim	40476	16941	10809	5922	780	74928
Tamil Nadu	6266555	1181344	502308	150646	17371	8118224
Tripura	499054	55043	21544	2752	86	578479
Uttar Pradesh	18532272	3035331	1334266	398278	25309	23325456
Uttarakhand	672138	157330	64781	17302	1099	912650
West Bengal	5852681	979833	267474	22657	702	7123347
Total	92825979	24779150	13895552	5875017	972763	138348461

Source : Department of Agriculture, Cooperation & Farmers Welfare (Agricultural Census 2010-11).

Table 15.2 (b): Area of Operational Holdings by Size Group

State/UT	Marginal	Small	Semi-Medium	Medium	Large	All Holdings
(1)	(2)	(3)	(4)	(5)	(6)	(7)
A & N Islands	2022	3464	8243	6911	1217	21856
Andhra Pradesh	3727131	4119946	3684946	2208770	552474	14293266
Arunachal Pradesh	11863	25914	93944	154858	97292	383872
Assam	774796	687156	817982	437372	281763	2999070
Bihar	3668728	1185695	1072969	414941	45228	6387561
Chandigarh	208	190	223	268	33	923
Chhattisgarh	952786	1179403	1347658	1152856	451344	5084047
Dadar & Nagar Haveli	4137	5344	5000	4208	1608	20297
Daman & Diu	1787	622	351	226	160	3145
Delhi	4800	5967	8014	8577	2270	29628
Goa	28103	17591	16770	12377	14152	88994
Gujarat	884823	2074884	2988660	2930432	1019668	9898466
Haryana	360474	462703	814473	1185436	822519	3645606
Himachal Pradesh	273270	243942	230469	156459	50510	954651
Jammu & Kashmir	416427	234531	170530	62145	11727	895361
Jharkhand	763906	590764	775052	724846	310715	3165283
Karnataka	1850946	3020002	3393036	2903687	993786	12161457
Kerala	885644	282305	159075	64063	119729	1510816

(Contd.)

Table: 15.2b (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Lakshadweep	1712	364	324	159	192	2751
Madhya Pradesh	1915352	3466141	4510221	4544530	1399633	15835877
Maharashtra	3185931	5739050	5765450	3992777	1083852	19767061
Manipur	40200	62755	55250	13415	440	172060
Meghalaya	46196	76833	113174	47132	3923	287258
Mizoram	30168	37723	24041	8872	3985	104789
Nagaland	3327	23066	124863	480758	442214	1074228
Odisha	1921842	1497752	918947	381272	132201	4852014
Puducherry	9834	4068	4138	2561	1200	21801
Punjab	101006	269082	855112	1712859	1028575	3966634
Rajasthan	1237578	2161876	3774350	6918368	7044064	21136235
Sikkim	14811	20397	26932	32238	12304	106683
Tamil Nadu	2291702	1643697	1355509	847811	349652	6488370
Tripura	139700	75809	54265	13942	1229	284945
Uttar Pradesh	7170852	4243297	3628857	2198774	379806	17621586
Uttarakhand	295556	225124	175382	94221	25401	815684
West Bengal	2890646	1556602	730577	109787	221970	5509582
Total	35908264	35244061	37704789	33827908	16906832	159591855

Source : Department of Agriculture, Cooperation & Farmers Welfare (Agricultural Census 2010-11).

Note : Total may not tally due to rounding off

Table 15.3: Average Size of Holdings by Size Group

State/UT	Marginal	Small	Semi-Medium	Medium	Large	(Hectares)
						All Holdings
(1)	(2)	(3)	(4)	(5)	(6)	(7)
A & N Islands	0.44	1.43	2.63	4.34	36.88	1.85
Andhra Pradesh	0.44	1.41	2.63	5.56	15.50	1.08
Arunachal Pradesh	0.55	1.34	2.76	5.54	14.90	3.51
Assam	0.42	1.38	2.69	5.15	68.11	1.10
Bihar	0.25	1.25	2.59	5.09	14.45	0.39
Chandigarh	0.46	1.43	2.86	5.70	11.08	1.29
Chhattisgarh	0.44	1.42	2.68	5.71	16.30	1.36
Dadar & Nagar Haveli	0.51	1.37	2.77	5.74	15.46	1.38
Daman & Diu	0.23	1.36	2.56	6.27	19.97	0.38
Delhi	0.42	1.32	2.69	5.56	15.13	1.45
Goa	0.47	1.79	2.94	6.16	24.15	1.14
Gujarat	0.49	1.45	2.77	5.72	20.91	2.03
Haryana	0.46	1.47	2.87	6.09	17.95	2.25
Himachal Pradesh	0.41	1.40	2.72	5.67	15.45	0.99
Jammu & Kashmir	0.35	1.40	2.68	5.43	22.34	0.62
Jharkhand	0.41	1.38	2.74	5.63	15.35	1.17
Karnataka	0.48	1.41	2.68	5.69	14.71	1.55
Kerala	0.13	1.57	2.79	5.32	64.58	0.22
Lakshadweep	0.17	1.36	2.50	6.11	24.00	0.27
Madhya Pradesh	0.49	1.42	2.73	5.76	15.77	1.78
Maharashtra	0.47	1.42	2.67	5.62	15.96	1.44
Manipur	0.52	1.28	2.48	4.86	11.00	1.14
Meghalaya	0.45	1.33	2.79	5.67	16.48	1.37
Mizoram	0.60	1.27	2.42	5.13	15.09	1.14
Nagaland	0.51	1.13	2.58	6.17	17.57	6.02
Odisha	0.57	1.63	2.95	5.99	23.72	1.04
Puducherry	0.35	1.46	2.86	5.72	16.90	0.66
Punjab	0.61	1.38	2.64	5.74	14.75	3.77
Rajasthan	0.49	1.43	2.83	6.14	17.45	3.07
Sikkim	0.37	1.20	2.49	5.44	15.77	1.42
Tamil Nadu	0.37	1.39	2.70	5.63	20.13	0.80
Tripura	0.28	1.38	2.52	5.07	14.29	0.49
Uttar Pradesh	0.39	1.40	2.72	5.52	15.01	0.76
Uttarakhand	0.44	1.43	2.71	5.45	23.11	0.89
West Bengal	0.49	1.59	2.73	4.85	316.20	0.77
Total	0.39	1.42	2.71	5.76	17.38	1.15

Source : Department of Agriculture, Cooperation & Farmers Welfare
(Agricultural Census 2010-11).

Table 15.4: Estimated Number of Operational Holdings by Size Classes and Irrigation Status

Size-Class	Wholly Irrigated		Partially Irrigated		Wholly Unirrigated		Total Holding		Number	Area
	Number	Area	Number	Total Area	Irrigated Area	Number	Area			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
Marginal	39294	14824	9623	3599	2011	37065	13796	92826	35908	
Small	8644	11678	3486	4768	2585	11686	15529	24779	35244	
Semi-medium	4525	11621	2536	6397	3374	6366	15760	13896	37705	
Medium	1806	9692	1342	6922	3573	2545	12828	5875	33828	
Large	245	3742	218	3092	1467	484	7030	973	16907	
All Classes	54515	51557	17206	24778	13010	58144	64943	138348	159592	

Source : Department of Agriculture, Cooperation & Farmers Welfare (Agricultural Census 2010-11).

Table 15.5: Area Irrigated by different Source of Irrigation by Size Classes

(' 000 Hectares)						
Size Class	Canals	Tanks	Wells	Tubewells	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Marginal	4783	912	2262	7818	1060	16835
Small	3562	558	2891	6232	1021	14263
Semi-medium	3686	433	3219	6629	1028	14995
Medium	3441	259	2728	6001	836	13266
Large	1436	86	817	2485	384	5209
Total	16908	2248	11917	29165	4329	64567

Source : Department of Agriculture, Cooperation & Farmers Welfare (Agricultural Census 2010-11).

Table 15.6: Irrigated and Un-irrigated Area by Size Classes under different Crops
('000 Hectares)

Crops	Irrigated					Un-irrigated						
	Marginal	Small	Semi-Medium	Medium	Large	Total	Marginal	Small	Semi-medium	Medium	Large	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Paddy	10163	6642	6331	4707	1723	29567	7243	5005	4272	2669	910	20099
Wheat	6325	5177	6263	6305	2577	26648	1292	969	930	775	286	4252
Other Cereals	1151	1139	1222	1006	378	4896	4366	5524	6102	5639	3418	25049
Total Cereals	17640	12958	13816	12018	4678	61111	12902	11497	11304	9083	4614	49400
Total Pulses	346	504	678	841	318	2687	3186	4443	4935	4718	2292	19573
Sugarcane	1176	1186	1162	761	180	4465	272	156	140	78	13	660
Total Oilseeds	1349	1499	1836	1998	936	7618	2399	4074	4875	4391	1505	17245
Total Fibres	487	630	776	1005	553	3450	1389	2498	2464	1759	433	8543
All Crops	22986	18544	20108	18409	7720	87768	22048	24493	25757	22473	11221	105992

Source : Department of Agriculture, Cooperation and Farmers Welfare (Agricultural Census 2010-11).

Note: All Crops include few more crops other than those listed above viz.Fruits, Vegetables, Spices Tea, Coffee, Rubber etc.

Paddy includes Paddy of all the seasons.

Totals may not tally due to rounding off

Table 15.7: Usage of Chemical Fertilizers, Farm Yard Manure and Pesticides by major size Groups

Sr. No.	Size Groups (hectares)	Gross Cropped Area	Area Treated with Fertilizers	(Fertilizers/ manure/ Pesticides : Tonnes)									(Area: '000 Hectares)
				DAP	Urea	Super Phosphate	Quantity Applied		Others				
							Ammonium Sulphate	N	P	K			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
1.	Marginal (Below 1.00)	I	17956	1476958	4117583	459915	41330	99809	147184	424648			
		UI	17633	9281	585844	1374657	295973	40961	54875	80095	182199		
		T	35590	26204	2062802	5492239	755888	82292	154684	227279	606848		
2.	Small (1.0-1.99)	I	15413	1133664	3273560	831512	39907	66611	141022	382498			
		UI	16419	10009	562490	1091217	180349	38900	41846	59795	121841		
		T	31832	24390	1696154	4364777	1011860	78807	108457	200817	504339		
3.	Semi-Medium (2.0-3.99)	I	16288	14876	1174030	3117258	363393	36163	56383	82444	263576		
		UI	18594	11475	616486	1082413	199011	45839	36701	51557	103882		
		T	34882	26351	1790516	4199671	562403	82002	93084	134001	367457		
4.	Medium (4.0-9.99)	I	16253	14561	1138471	2907401	308073	19691	79455	48826	176500		
		UI	17875	9834	478235	785239	191030	25442	22552	34486	62423		
		T	34128	24395	1616706	3692640	499103		102007	83312	238924		
5.	Large (10.0 and above)	I	6671	5862	419993	1077400	95584	5330	5902	8142	33427		
		UI	8855	3154	132924	204163	47277	5631	5641	9607	18950		
		T	15526	9016	552917	1281563	142861	10961	11543	17749	52377		
All Groups		I	72581	66604	5343115	14493201	2058476	142421	308161	427618	1280649		
		UI	79376	43753	2375980	4537689	913640	156774	161615	235539	489295		
		T	151958	110357	7719095	19030890	2972116	299195	469776	663157	1769944		
(Contd.)													

(Contd.)

Table: 15.7 (Contd.)

Sr. No.	Size Groups (hectares)	Quantity Applied				Area Treated with		Quantity of F Y M Applied
		Total		K	Farm Yard Manure	Pesticides		
		N	P					
(1)	(2)	(12)	(13)	(14)	(15)	(16)	(17)	
1.	Marginal (Below 1.00)	I	2268264	900171	424648	4190	8882	26256729
		UI	801107	396939	182199	5866	4945	27757896
		T	3069371	1297110	606848	10057	13827	54014626
2.	Small (1.0-1.99)	I	1784729	795549	382498	3707	6940	20734690
		UI	653068	347396	121841	5965	5198	21658312
		T	2437797	1142945	504339	9672	12139	42393001
3.	Semi-Medium (2.0-3.99)	I	1709097	680640	263576	3870	8404	19909597
		UI	655021	366982	103882	6099	6036	18611734
		T	2364118	1047623	367457	9968	14440	38521331
4.	Medium (4.0-9.99)	I	1625841	621814	176500	3156	9293	13308255
		UI	475085	285039	62423	4805	5400	11823788
		T	2100926	906853	238924	7961	14693	25132043
5.	Large (10.0 and above)	I	578203	216632	33427	1003	4367	3377489
		UI	124642	78316	18950	1976	1982	3074357
		T	702845	294948	52377	2979	6349	6451846
	All Groups	I	7966133	3214807	1280649	15926	37887	83586760
		UI	2708923	1474672	489295	24711	23561	82926087
		T	10675056	4689480	1769944	40637	61447	166512847

Source: Department of Agriculture, Cooperation & Farmers Welfare (input Survey 2006-07).

Note : I (Irrigated) UI (Unirrigated) & T (Total). Survey was not conducted in Bihar, Jharkhand and Maharashtra.

Table 15.8: Estimated of Institutional Credit taken for Agricultural Purposes by Size Groups

Size Group (HA)	Total No. of Operational Holdings	Estimated No. of Operational Holdings that took Institutional Credit	No. of Operational Holdings that took Institutional Credit from				(Number in 000)
			PACS	PLDB/ SLDB	CBB	RRB	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Marginal (Below 1.00)	64316	12632	6449	443	3132		2791
Small (1.0-1.99)	18776	6168	2687	224	1787		1646
Semi-Medium (2.0-3.99)	11218	3876	1862	167	906		1122
Medium (4.0-9.99)	5336	2104	1043	109	497		608
Large (10 & Above)	1003	402	214	27	80		129
All Groups	100650	25182	12255	970	6402		6297

(Contd.)

Table: 15.8 (Contd.)

Size Group (HA)	Amount of Institutional Credit taken										(Amount in ₹ lakh)
	PACS		PLDB/ SLDB			CBB			RRB		
	Short Term	Medium Term	Long Term	Short Term	Medium Term	Long Term	Short Term	Medium Term	Long Term		
(1)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)		
Marginal (Below 1.00)	990675	126371	62617	375020	273324	110352	594178	131183	96026		
Small (1.0-1.99)	532866	105803	41619	277172	155177	77589	471911	127822	127442		
Semi-Medium (2.0-3.99)	539967	94716	51942	198048	105806	67787	385153	134928	205190		
Medium (4.0-9.99)	444802	69937	89010	125142	101973	86542	251437	135074	256478		
Large (10 & Above)	121910	18489	26254	26583	25940	29351	65489	47646	96791		
All Groups	2630220	415316	271442	1001965	662221	371621	1768167	576653	781927		

Source : Department of Agriculture, Cooperation & Farmers Welfare (Input Survey 2006-07)

PACS: Primary Agricultural Credit Society; PLDB: Primary Land Development Bank of SLDB; CBB: Commercial Bank Branch. RRB: Regional Rural Bank Survey was not conducted in Bihar, Jharkhand and Maharashtra

Table 15.9: Total of Institutional Credit taken for Agricultural Purposes by Size Groups

S. No	Size Group (HA.)	Amount of Institutional Credit Taken					Short Term Loans		Total (Cols. 6+7+8)
		Short Term Loan (SL)		Medium Term Loan (ML)	Long Term Loan (LL)	Value of the Quantity of Fertilizer Given	Value of the Quantity of Other Inputs	Given in Cash	
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	Marginal (Below 1.00)	1959873	530878	268995	305529	56406	1597938	1959873	
2	Small (1.0-1.99)	1281948	388802	246650	197098	40353	1044498	1281948	
3	Semi-Medium (2.0-3.99)	1123168	335450	324919	179968	42248	900952	1123168	
4	Medium (4.0-9.99)	821381	306984	432030	141487	39359	640536	821381	
5	Large (10 & Above)	213982	92076	152396	39599	11029	163354	213982	
All Groups		5400352	1654190	1424989	863681	189394	4347277	5400352	

Source : Department of Agriculture, Cooperation & Farmers Welfare (Input Survey 2006-07)

Note: Total May not Tally Due to Rounding Off.

Survey Input 2006-07 was not conducted in Bihar, Jharkhand and Maharashtra

16

Situation of Agricultural Households in India

Table 16.1: Estimated Number of Rural Households, Agricultural Households and Indebted Agricultural Households during the agricultural year July 2012-June 2013

State	Estimated Number of Rural Households (‘00)	Estimated Number of Agricultural Households(‘00)	% of Agricultural Households to Rural Households	Estimated Number of Agricultural Households having loan (‘00)	% of Agricultural Households indebted	Average monthly income (Rs) per Agricultural Household
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh*	86763	35968	41.5	33421	92.9	5979
Arunachal Pradesh	1659	1080	65.1	206	19.1	10869
Assam	52494	34230	65.2	5995	17.5	6695
Bihar	140611	70943	50.5	30156	42.5	3558
Chhattisgarh	37472	25608	68.3	9538	37.2	5177
Gujarat	58719	39305	66.9	16743	42.6	7926
Haryana	25849	15693	60.7	6645	42.3	14434
Himachal Pradesh	13251	8811	66.5	2457	27.9	8777
Jammu & Kashmir	13746	11283	82.1	3463	30.7	12683
Jharkhand	37516	22336	59.5	6464	28.9	4721
Karnataka	77430	42421	54.8	32775	77.3	8832
Kerala	51377	14043	27.3	10908	77.7	11888
Madhya Pradesh	84666	59950	70.8	27414	45.7	6210
Maharashtra	125182	70970	56.7	40672	57.3	7386
Manipur	2584	1762	68.2	421	23.9	8842
Meghalaya	4721	3544	75.1	84	2.4	11792
Mizoram	936	758	81.0	47	6.2	9099
Nagaland	4128	2621	63.5	65	2.5	10048

(Contd.)

Table: 16.1 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Odisha	78120	44935	57.5	25830	57.5	4976
Punjab	27552	14083	51.1	7499	53.2	18059
Rajasthan	82722	64835	78.4	40055	61.8	7350
Sikkim	1150	674	58.6	97	14.4	6798
Tamil Nadu	93607	32443	34.7	26780	82.5	6980
Telangana*	49309	25389	51.5	22628	89.1	6311
Tripura	6635	2445	36.9	559	22.9	5429
Uttar Pradesh	241328	180486	74.8	79081	43.8	4701
Uttaranchal	16498	10608	64.3	5387	50.8	4923
West Bengal	141359	63624	45.0	32787	51.5	3980
UTs	2394	718	30.0	267	37.2	8568
All India	1561442	902011	57.8	468481	51.9	6426

Source: National Sample Survey Office (NSSO)

* Separate estimates for the newly formed States of Telangana and Andhra Pradesh are provided in place of erstwhile State of Andhra Pradesh

Note: 1 Reference period for Indebtedness is "as on the date of survey"

2 Indebtedness relates to all kind of outstanding loans irrespective of the purpose for which taken

3 Households with at least one member self-employed in agriculture, either in the principal status or in subsidiary status and having total value of agricultural produce more than Rs. 3000/- during the last 365 days were considered for being selected for this survey.

4 The income includes income from salary/wages, net receipt from cultivation, net receipt from farming of animals and net receipt from non-firm business

Table 16.2: Indebtedness of Agricultural Households (all-India) in Different Size Classes of Land Possessed

Land Possessed (hectare)	Estimated Number of Agricultural Households (lakh)	% to Total in each Class	Estimated No. of Indebted Agricultural Households (lakh)	% to Total in each Class	% of Indebted Agricultural Households to Total	Average Outstanding Loan Amount (₹)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
< 0.01	23.89	2.65	10.02	2.1	41.9	31100
0.01-0.40	287.66	31.89	135.97	29.0	47.3	23900
0.41-1.00	314.81	34.90	152.16	32.5	48.3	35400
1.01-2.00	154.58	17.14	86.11	18.4	55.7	54800
2.01-4.00	84.35	9.35	56.10	12.0	66.5	94900
4.01-10.00	33.02	3.66	25.21	5.4	76.3	182700
10 & above	3.71	0.41	2.92	0.6	78.7	290300
All India	902.01	100.00	468.48	100.0	51.9	47000

Source: National Sample Survey Office(NSSO)

Note: 1 Reference period for land possession and Indebtedness is "as on the date of survey"

2 Indebtedness relates to all kind of outstanding loans irrespective of the purpose for which taken

Table 16.3: Incidence of Indebtedness in Major States

State	Estimated Number of Indebted Agricultural Households('00)	% to Total Indebted Agricultural Households	% Share in Total Foodgrains (2014-15)	
			Area	Production
(1)	(2)	(3)	(4)	(5)
1. Uttar Pradesh	79081	16.9	16.43	16.81
2. Maharashtra	40672	8.7	8.12	4.09
3. Rajasthan	40055	8.5	10.54	7.82
4. Andhra Pradesh*	33421	7.1	5.39	6.9
5. West Bengal	32787	7.0	5.02	6.53
6. Karnataka	32775	7.0	5.86	4.77
7. Bihar	30156	6.4	5.49	5.17
8. Madhya Pradesh	27414	5.9	12.15	10.09
9. Odisha	25830	5.5	4.24	3.55
10. Telangana*	22628	4.8	#	#
11. Punjab	7499	1.6	5.43	10.87
12. Other States/ UTs	96163	20.5	21.33	23.40
All India	468481	100.0	100.00	100.00

Source: National Sample Survey Office (NSSO) for Col-2 and 3 and Directorate of Economics & Statistics for Col-4 and 5

Note: Reference period for Indebtedness is "as on the date of survey"

*Since Separate estimates for the newly formed States of Telanganas and Andhra Pradesh are provided in place of erstwhile State of Andhra Pradesh

Separate figure for Telangana is not available, so Telangana share is included in Andhra Pradesh

Table 16.4: Incidence of Indebtedness based on size of land possessed

State	% of Marginal Indebted Agricultural Households (upto 1.0 ha of land)	% of Small Indebted Agricultural Households (1.01 to 2.00 ha)	% of Semi-Medium Indebted Agricultural Households (2.01 to 4.00 ha)	% of Medium Indebted Agricultural Households (4.01 to 10.00 ha)	% of Large Indebted Agricultural Households (>10.00 ha)
(1)	(2)	(3)	(4)	(5)	(6)
1. Uttar Pradesh	77.2	13.4	7.1	2.1	0.2
2. Maharashtra	35.6	29.3	22.8	11.6	0.7
3. Madhya Pradesh	42.3	27.4	21.4	7.5	1.3
4. Rajasthan	50.9	18.3	16.8	12.1	1.9
5. Karnataka	52.0	24.4	14.8	7.4	1.3
6. Andhra Pradesh*	52.2	23.9	16.1	6.9	0.9
7. Telangana*	51.0	23.6	19.6	5.0	0.9
8. Bihar	86.7	10.0	2.6	0.7	0.0
9. West Bengal	91.1	7.4	1.4	0.1	0.0
10. Punjab	46.2	15.9	17.9	17.6	2.4
11. Odisha	78.7	15.2	4.3	1.8	0.1
All India	63.6	18.4	12.0	5.4	0.6

Source: National Sample Survey Office(NSSO)

Note: 1 Reference period for land possession and Indebtedness is "as on the date of survey"

2 Indebtedness relates to all kind of outstanding loans irrespective of the purpose for which taken

*Separate estimates for the newly formed States of Telangana and Andhra Pradesh are provided in place of erstwhile State of Andhra Pradesh

17

Ceiling on Land Holdings and Wages for Agricultural Workers

Table 17.1: Ceilings on Land Holdings

State	(In Acres)		
	Irrigated Land with two Crops	Irrigated Land with one Crops	Dry land
(1)	(2)	(3)	(4)
As recommended in 1972 National Guidelines	10-18	27	54
Proposed in Agenda Notes 1985 of Regional Minister's Conference	12	18	30
Andhra Pradesh	10 to 18	15 to 27	35 to 54
Assam	17	17	17
Bihar	15 to 18	25	30 to 45
Gujarat	10 to 18	15 to 27	20 to 54
Haryana	18	27	54
Himachal Pradesh	10	15	30 to 70
Jammu & Kashmir	9 to 12.5	9 to 12.5	15 to 23 (in Ladakh 19)
Karnataka	10 to 20	25 to 30	54
Kerala*	12 to 15	12 to 15	12 to 15
Madhya Pradesh	18	27	54
Maharashtra	18	27	54
Manipur	12	12	15
Mizoram	nil	nil	nil
Odisha	10	15	30 to 45
Punjab	17	27	51
Rajasthan	18	27	54 to 175
Tamil Nadu	12	30	60
Sikkim	12.5	12.5	50
Tripura	10	10	30
Uttarakhand	18	27	45
Uttar Pradesh	18	27	45
West Bengal	12	12	17
Andaman & Nicobar Islands	Nil	Nil	Nil

Source : Department of Land Resources

Note : 1. The actual limits for lands in Karnataka and Uttar Pradesh are higher due to classification of land.

2. The actual ceiling limits in Himachal Pradesh and Rajasthan are higher due to hilly terrain and desert lands.

3. 1 Acre = 0.404686 Hectare.

Table 17.2: Minimum Rates of Wages for different category of Farm Workers in different States/ UTs. under the Minimum Wages Act, 1948

			(₹ per day)
S. No.	Appropriate Governments	Category	Minimum Wages for Agricultural Workers with VDA
(1)	(2)	(3)	(4)
1	Central Sphere	Unskilled	204.00-226.00
		Semi-Skilled	209.00-247.00
		Skilled/clerical	227.00-269.00
		Highly skilled	247.00-298.00
	States/Union Territories		
1	Andhra Pradesh	Lowest	221.25
		Highest	309.34
2	Andaman & Nicobar Islands	Unskilled	269.00-280.00
		Semi-skilled	281.00-289.00
		Skilled	294.00-311.00
		Highly Skilled	315.00-333.00
3	Arunachal Pradesh	Unskilled	150-170
		Skilled	170 - 190
4	Assam	Unskilled	177.84
		Semi-skilled	205.20
		Skilled	284.55
5	Bihar		186.00-257.88
6	Chandigarh	Unskilled	306.19
		Semi-skilled	312.00-316.00
		Skilled	324.00-332.15
		Highly Skilled	348
7	Chhattisgarh	Unskilled	148.96
8	Dadra & Nagar Haveli	Unskilled	220.80
		Semi-skilled	227.30
		Skilled	233.80
9	Delhi	Unskilled	348.00
		Semi-skilled	385.00
		Skilled	423.00
10	Goa		225-267
11	Gujarat		150.00
12	Haryana	Unskilled	223.56
		Semi-skilled	228.56-233.56
		Skilled	238.56-243.56
		Highly Skilled	248.56
13	Himachal Pradesh	Unskilled	170.00
14	Jammu & Kashmir	Unskilled	110.00
		Semi-skilled	150.00
		Skilled	200.00
		Supervisor	175.00
15	Jharkhand	Tractor driver and pump oprator	255.91
		Chowkidar	200.43
		All other agricultural	187.43

(Contd.)

Table: 17.2 (Contd.)

(1)	(2)	(3)	(4)
		operations	
16	Karnataka		288.66
17	Kerala	For Light Work	150.00
		For Hard Work	200.00
18	Lakshadweep	Unskilled	255.20
		Semi-skilled	280.20
		Skilled	305.20
		Highly skilled	330.20
19	Madhya Pradesh	Unskilled	186.53
20	Maharashtra		191.01
21	Manipur	Unskilled	122.10
		Semi-skilled	129.97
		Skilled	132.60
22	Meghalaya	Unskilled	160.00
		Semi-skilled	170.00
		Skilled	180.00
		Highly Skilled	200.00
23	Mizoram	Unskilled	220.00
		Semi-skilled	250.00
		Skilled -II	310.00
		Skilled -I	380.00
24	Nagaland	Unskilled	115.00
		Semi-skilled	125.00
		Skilled	135.00
25	Odisha	Unskilled	150.00
26	Puducherry	Puducherry& Karaikal	70.00 & 80.00
		Yanam	55.00
		Mahe	120.00
27	Punjab	Unskilled	273.95
28	Rajasthan	Unskilled	189.00
		Semi-skilled	199.00
		Skilled	209.00
		Highly Skilled	259.00
29	Tamil Nadu	For 6 Hrs	146.00
30	Tripura	Adult	250.00
		Young	174.00
31	Uttar Pradesh	Unskilled	161.00
32	Uttarakhand	Unskilled	200.00
33	West Bengal	Unskilled	216.00
		Semi-Skilled	238.00
		Skilled	261.00

Source : Ministry of Labour & Employment

VDA: Variable Dearness Allowance

18

Livestock

Table 18.1: Livestock Population in India

Species	1951	1956	1961	1966	1972	1977	1982	1987	1992	1997	2003	2007	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Cattle*	155.30	158.70	175.60	176.20	178.30	180.00	192.45	199.69	204.58	198.88	185.18	199.08	190.90
Buffalo	43.40	44.90	51.20	53.00	57.40	62.00	69.78	75.97	84.21	89.92	97.92	105.34	108.70
Total Bovines	198.70	203.60	226.80	229.20	235.70	242.00	262.36	275.82	289.00	289.00	283.10	304.76	299.98
Sheep	39.10	39.30	40.20	42.40	40.00	41.00	48.76	45.70	50.78	57.49	61.47	71.56	65.07
Goats	47.20	55.40	60.90	64.60	67.50	75.60	95.25	110.21	115.28	122.72	124.36	140.54	135.17
Horses & Ponies	1.50	1.50	1.30	1.10	0.90	0.90	0.90	0.80	0.82	0.83	0.75	0.61	0.63
Camels	0.60	0.80	0.90	1.00	1.10	1.10	1.08	1.00	1.03	0.91	0.63	0.52	0.40
Pigs	4.40	4.90	5.20	5.00	6.90	7.60	10.07	10.63	12.79	13.29	13.52	11.13	10.29
Mules	0.06	0.04	0.05	0.08	0.08	0.09	0.13	0.17	0.19	0.22	0.18	0.14	0.20
Donkeys	1.30	1.10	1.10	1.10	1.00	1.00	1.02	0.96	0.97	0.88	0.65	0.44	0.32
Yaks	NC	NC	0.02	0.03	0.04	0.13	0.13	0.04	0.06	0.06	0.06	0.08	0.08
Total Livestock	292.80	306.60	335.40	344.10	353.60	369.00	419.59	445.29	470.86	485.39	485.00	529.70	512.06
Poultry	73.50	94.80	114.20	115.40	138.50	159.20	207.74	275.32	307.07	347.61	489.1	648.88	729.21
Dogs*	NC	NC	NC	NC	NC	NC	18.54	17.95	21.77	25.48	29.03	19.09	11.67
Rabbits	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.48	0.42	0.59

Source : Department of Animal Husbandry, Dairying & Fisheries.

NC : Not Collected

* Stay cattle and stray dog are not included

Total may not tally due to rounding of figures

Table 18.2: All India Production of Milk, Eggs and Wool

Year	Milk (Million Tonnes)	Eggs (Billion Nos.)	Wool (Million Kgs.)
(1)	(2)	(3)	(4)
1985-86	44.0	16.1	39.1
1986-87	46.1	17.3	40.0
1987-88	46.7	17.8	40.1
1988-89	48.4	18.9	40.8
1989-90	51.4	20.2	41.7
1990-91	53.9	21.1	41.2
1991-92	55.7	21.9	41.6
1992-93	58.0	22.9	38.8
1993-94	60.6	24.2	39.9
1994-95	63.8	25.9	40.6
1995-96	66.2	27.2	42.4
1996-97	69.1	27.5	44.4
1997-98	72.1	28.7	45.6
1998-99	75.4	29.5	46.9
1999-00	78.3	30.4	47.9
2000-01	80.6	36.6	48.4
2001-02	84.4	38.7	49.5
2002-03	86.2	39.8	50.5
2003-04	88.1	40.4	48.5
2004-05	92.5	45.2	44.6
2005-06	97.1	46.2	44.9
2006-07	102.6	50.7	45.1
2007-08	107.9	53.6	43.9
2008-09	112.2	55.6	42.8
2009-10	116.4	60.3	43.1
2010-11	121.8	63.0	43.0
2012-12	127.9	66.5	44.7
2012-13	132.4	69.7	46.1
2013-14	137.7	74.8	47.9
2014-15	146.3	78.5	48.1

Source : Department of Animal Husbandry, Dairying & Fisheries.

Table 18.3: State-wise Production of Milk, Eggs, Meat and Wool

States/UTs	Milk (000Tonnes)					Eggs (Lakh Nos.)				
	2011-12	2012-13	2013-14	2014-15	2011-12	2012-13	2013-14	2014-15		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
Andhra Pradesh*	12088	12762	13007	9656	212103	222974	227875	130958		
Arunachal Pradesh	22	23	43	46	419	439	400	417		
Assam	796	800	815	829	4705	4710	4717	4728		
Bihar	6643	6845	7197	7775	7552	8372	9308	9845		
Chhattisgarh	1119	1164	1209	1232	12984	13704	14330	14732		
Goa	60	61	68	67	149	458	60	75		
Gujarat	9817	10315	11112	11691	14269	14558	15551	16565		
Haryana	6661	7040	7442	7901	41142	42343	43591	45790		
Himachal Pradesh	1120	1139	1151	1172	1050	1069	1075	1084		
Jammu & Kashmir	1614	1631	1615	1951	6520	6715	6649	4958		
Jharkhand	1745	1679	1700	1734	4313	4239	4445	4663		
Karnataka	5447	5718	5997	6121	34699	36773	41301	43968		
Kerala	2716	2791	2655	2711	17049	22375	24769	25036		
Madhya Pradesh	8149	8838	9599	10779	7972	8711	9671	11776		
Maharashtra	8469	8734	9089	9542	43861	45661	48315	50792		
Manipur	79	80	82	82	1149	1162	1164	1129		
Meghalaya	80	81	82	83	1021	1028	1049	1057		
Mizoram	14	14	15	20	349	352	362	377		
Nagaland	78	79	81	76	704	618	223	353		
Odisha	1721	1724	1861	1903	23007	23230	23609	19245		

(Contd.)

Table: 18.3 (Contd.)

States/UTs	Meat (000 Tonnes)				Wool (000 Kgs)			
	2011-12 (10)	2012-13 (11)	2013-14 (12)	2014-15 (13)	2011-12 (14)	2012-13 (15)	2013-14 (16)	2014-15 (17)
(1)								
Andhra Pradesh*	824	906	935	528	4924	5031	5037	778
Arunachal Pradesh	19	18	18	19	17	18	22	24
Assam	34	37	38	43	-	-	-	-
Bihar	228	228	292	294	266	267	271	278
Chhattisgarh	30	34	29	38	104	107	106	116
Goa	10	8	5	8	-	-	-	-
Gujarat	35	35	33	34	2819	2664	2578	2577
Haryana	337	348	367	381	1333	1370	1390	1429
Himachal Pradesh	4	4	4	4	1648	1649	1655	1663
Jammu & Kashmir	32	34	33	45	7530	7681	8710	8371
Jharkhand	46	45	45	48	202	159	156	161
Karnataka	140	166	170	181	7779	8020	7755	8821
Kerala	426	401	416	446	-	-	-	-
Madhya Pradesh	39	43	48	59	413	442	466	484
Maharashtra	585	591	605	631	1469	1503	1539	1386
Manipur	24	25	25	27	-	-	-	-
Meghalaya	38	39	40	41	-	-	-	-
Mizoram	13	12	12	13	-	-	-	-
Nagaland	78	71	67	67	-	-	-	-
Odisha	138	141	154	163	-	-	-	-

(Contd.)

Table: 18.3 (Contd.)

States/UTs	Milk ('000 Tonnes)				Eggs (lakh Nos.)			
	2011-12	2012-13	2013-14	2014-15	2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Punjab	9551	9724	10011	10351	36030	37911	43376	42642
Rajasthan	13512	13946	14573	16934	9605	10335	11903	13202
Sikkim	45	42	46	50	146	146	99	58
Tamil Nadu	6968	7005	7049	7132	118518	119334	141235	159253
Telangana	-	-	-	4207	-	-	-	106185
Tripura	111	118	130	141	1650	1565	1794	1979
Uttar Pradesh	22556	23330	24194	25198	16075	17074	18122	20776
Uttarakhand	1417	1478	1550	1565	2712	3079	3370	3697
West Bengal	4672	4859	4906	4961	43433	47115	47460	48136
A & N Islands	26	21	14	16	780	741	1193	861
Chandigarh	45	44	44	44	181	170	173	169
D & N Haveli	11	11	11	9	73	73	73	73
Daman & Diu	1	1	1	1	20	20	13	19
Delhi	502	287	284	280	1	-	0	0
Lakshadweep	2	2	6	4	140	140	129	126
Puducherry	45	47	47	48	116	113	113	113
All India	127904	132431	137686	146314	664499	697307	747519	784839

(Contd.)

Table: 18.3 (Contd.)

States/UTs	Meat (000 Tonnes)				Wool (000 Kgs)						
	2011-12 (10)	2012-13 (11)	2013-14 (12)	2014-15 (13)	2011-12 (14)	2012-13 (15)	2013-14 (16)	2014-15 (17)			
(1)											
Punjab	181	212	235	237	532	558	558	461			
Rajasthan	122	152	175	181	13192	14007	15027	14463			
Sikkim	3	3	3	3	1	1	1	0			
Tamil Nadu	460	462	465	492	1	1	2	1			
Telangana	-	-	-	505	-	-	-	4423			
Tripura	25	32	32	34	-	-	-	-			
Uttar Pradesh	956	1137	1221	1397	1420	1456	1473	1494			
Uttarakhand	16	22	24	26	371	400	440	469			
West Bengal	611	648	649	657	713	722	725	740			
A & N Islands	0.4	0	2	5	-	-	-	-			
Chandigarh	1	1	1	1	-	-	-	-			
D & N Haveli	0.1	0	0	0	-	-	-	-			
Daman & Diu	0.2	0	0	1	-	-	-	-			
Delhi	45	81	77	70	-	-	-	-			
Lakshadweep	0.4	0	0	0	-	-	-	-			
Puducherry	14	14	14	14	-	-	-	-			
All India	5514	5948	6235	6691	44734	46055	47909	48140			

Source: Department of Animal Husbandry, Dairying & Fisheries.

* Till 2013-14 the figures of Andhra Pradesh include Telangana

19

Fish Production

Table 19.1: Fish Production in India

			(‘000 Tonnes)
Year	Marine	Inland	Total
(1)	(2)	(3)	(4)
1950-51	534	218	752
1955-56	596	243	839
1960-61	880	280	1160
1965-66	824	507	1331
1970-71	1086	670	1756
1973-74	1210	748	1958
1978-79	1490	816	2306
1979-80	1492	848	2340
1980-81	1555	887	2442
1981-82	1445	999	2444
1982-83	1427	940	2367
1983-84	1519	987	2506
1984-85	1698	1103	2801
1985-86	1716	1160	2876
1986-87	1713	1229	2942
1987-88	1658	1301	2959
1988-89	1817	1335	3152
1989-90	2275	1402	3677
1990-91	2300	1536	3836
1991-92	2447	1710	4157
1992-93	2576	1789	4365
1993-94	2649	1995	4644
1994-95	2692	2097	4789
1995-96	2707	2242	4949
1996-97	2967	2381	5348
1997-98	2950	2438	5388
1998-99	2696	2602	5298
1999-00	2852	2823	5675
2000-01	2811	2845	5656
2001-02	2830	3126	5956
2002-03	2990	3210	6200
2003-04	2941	3458	6399
2004-05	2779	3526	6305
2005-06	2816	3756	6572
2006-07	3024	3845	6869
2007-08	2920	4207	7127
2008-09	2978	4638	7616
2009-10	3104	4894	7998
2010-11	3250	4981	8231
2011-12	3372	5294	8666
2012-13	3321	5720	9040
2013-14 (P)	3444	6132	9576
2014-15 (P)	3502	6929	10431

Source: Department of Animal Husbandry Dairying & Fisheries

Table 19.2: State-wise Production of Fish

Sr. No.	States/UTs	2012-13			2013-14(P)			2014-15(P)			(In tonnes)
		Marine (3)	Inland (4)	Total (5)	Marine (6)	Inland (7)	Total (8)	Marine (9)	Inland (10)	Total (11)	
1	Andhra Pradesh	414349	1393728	1808077	438246	1580170	2018416	475401	1503177	1978578	
2	Arunachal Pradesh	0	3710	3710	0	3625	3625	0	3625	3625	
3	Assam	0	254270	254270	0	266700	266700	0	282700	282700	
4	Bihar	0	400140	400140	0	432298	432298	0	479800	479800	
5	Goa	73713	4166	77879	109574	4485	114059	114700	3276	117976	
6	Gujarat	693560	94930	788490	695580	102913	798493	698450	193430	891880	
7	Haryana	0	111480	111480	0	105580	105580	0	111203	111203	
8	Himachal Pradesh	0	8561	8561	0	9834	9834	0	10736	10736	
9	Jammu & Kashmir	0	19950	966000	0	20000	20000	0	20300	20300	
10	Karnataka	357324	168242	525566	357358	197952	555310	389822	223419	613241	
11	Kerala	530638	149098	679736	522308	186337	708645	467078	258935	726013	
12	Madhya Pradesh	0	85165	85165	0	96258	96258	0	109121	109121	
13	Maharashtra	448913	137461	586374	467458	135221	602679	463585	247863	711448	
14	Manipur	0	24502	24502	0	28541	28541	0	30500	30500	
15	Meghalaya	0	5417	5417	0	5752	5752	0	6039	6039	
16	Mizoram	0	5430	5430	0	5940	5940	0	6387	6387	
17	Nagaland	0	7130	7130	0	7465	7465	0	7835	7835	
18	Odisha	118311	291832	410143	120021	293764	413785	133211	336337	469548	
19	Punjab	0	99130	99130	0	104020	104020	0	114770	114770	
20	Rajasthan	0	55160	55160	0	35100	35100	0	46314	46314	
21	Sikkim	0	490	490	0	420	420	0	440	440	
											(Contd.)

(Contd.)

Table: 19.2 (Contd.)

Sr. No.	States/UTs	2012-13			2013-14(P)			2014-15(P)		
		Marine	Inland	Total	Marine	Inland	Total	Marine	Inland	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
22	Tamil Nadu	428441	191956	620397	432266	192030	624296	457454	240158	697612
23	Tripura	0	57460	57460	0	61950	61950	0	63560	63560
24	Uttar Pradesh	0	449750	449750	0	464484	464484	0	494265	494265
25	West Bengal	152352	1337664	1490016	188243	1392404	1580647	178851	1438468	1617319
26	A & N Islands	36426	194	36620	36753	195	36948	36980	197	37177
27	Chandigarh	0	46	46	0	113	113	0	118	118
28	D & N Haveli	0	50	50	0	50	50	0	0	0
29	Daman & Diu	18778	234	19012	19860	0	19860	31538	278	31816
30	Delhi	0	690	690	0	880	880	0	675	675
31	Lakshadweep	12372	0	12372	18717	0	18717	13169	0	13169
32	Puducherry	35606	5460	41066	37812	4269	42081	41833	5452	47285
33	Chhattisgarh	0	255611	255611	0	284959	284959	0	314164	314164
34	Uttarakhand	0	3847	3847	0	3889	3889	0	3936	3936
35	Jharkhand	0	96600	96600	0	104820	104820	0	106430	106430
36	Telangana									
	Total	3320783	5719554	9040337	3444196	6132418	9576614	3502073	6929288	10431361

Source: Department of Animal Husbandry Dairying & Fisheries

(P):- Provisional

20

Rainfall Scenario and Management of Natural Disasters

20.1 : Rainfall Status

Rainfall during 2014 (January- December, 2014)

In 2014, the rainfall (January to December, 2014) over the country as a whole was 88% of Long Period Average (LPA). Out of 36 meteorological subdivisions, 24 received excess / normal rainfall and 12 received deficient rainfall. Season wise rainfall distribution over the country as a whole was as follows:

Winter (January to February 2014):	113% of LPA
Pre-monsoon (March to May 2014):	99% of LPA
Monsoon (June to September 2014):	88% of LPA
Post-Monsoon (October to December 2014):	67% of LPA

Season-wise Performance

Winter Season (January- February 2014)

During the winter season rainfall activity over the country as a whole was 113% of the LPA rainfall. At met sub-division level, 16 subdivisions received excess rainfall, 05 sub-divisions received normal rainfall, 10 received deficient and 05 received scanty rainfall out of 36 met sub-divisions.

Pre-Monsoon Season (March- May 2014)

Rainfall activity during the Pre-monsoon season over the country as a whole was recorded normal at 99% of LPA rainfall. Out of 36 meteorological subdivisions, 15 received excess rainfall, 12 received normal rainfall, 07 received deficient rainfall and 02 met sub-divisions received scanty rainfall.

Monsoon Season 2014 (June-September 2014)

During the monsoon season for the country as a whole, rainfall was 88% of its Long Period Average (LPA). Seasonal rainfall was 79% of LPA over Northwest India, 90% of its LPA over Central India, 93% of its LPA over south Peninsula and 88 % of its LPA over East and Northeast (NE) India. At met sub-division level, out of 36 met sub-divisions, one sub-division received excess rainfall, 23 sub-divisions received normal rainfall and 12 sub-divisions received deficient rainfall. Excess/normal rainfall sub-divisions covered 70% of the geographical area of the country. Out of 615 districts for which rainfall data were available, 56 districts (9%) received excess rainfall, 279 districts (46%) normal rainfall, 223 districts (36%) deficient rainfall and 56 districts (9%) received scanty rainfall.

Post-Monsoon Season (October- December 2014)

Rainfall activity during the Post-monsoon season over the country as a whole was recorded deficit rainfall with 67% of LPA. Out of 36 meteorological sub-divisions, 2 received excess rainfall, 10 received normal rainfall, 13 received deficient rainfall and 11 met sub-divisions received scanty rainfall.

Rainfall during 2015 (January-December, 2015)

During the winter season rainfall activity over the country as a whole was 91% of the LPA rainfall. At met sub-division level, 09 subdivisions received excess rainfall, 09 subdivisions received normal rainfall, 12 received deficient and 06 received scanty rainfall out of 36 met sub-divisions.

Pre-Monsoon Season (March-May 2015)

Rainfall activity during the Pre-monsoon season over the country as a whole was recorded excess 138% of LPA rainfall. Out of 36 meteorological sub-divisions, 26 received excess rainfall, 08 received normal rainfall and 02 received deficient rainfall.

Monsoon Season 2015 (June-September 2015)

During the monsoon season for the country as a whole, rainfall was 86% of its Long Period Average (LPA). Seasonal rainfall was 83% of LPA over Northwest India, 84% of its LPA over Central India, 85% of its LPA over South Peninsula and 92 % of its LPA over East and Northeast (NE) India. At met sub-division level, out of 36 met sub-divisions, one sub-division received excess rainfall, 18 sub-divisions received normal rainfall and 17 sub-divisions received deficient rainfall. Excess/normal rainfall sub-divisions covered 70% of the geographical area of the country. Out of 614 districts for which rainfall data were available, 62 districts (10%) received excess rainfall, 250 districts (41%) normal rainfall, 272 districts (44%) deficient rainfall and 30 districts (5%) received scanty rainfall.

Post-Monsoon Season (October-December 2015)

During the post-monsoon season (1st October to 18th November, 2015) rainfall received in the country was 72% of LPA. Out of 36 meteorological subdivisions, 03 received excess rainfall, 05 received normal rainfall, 10 received deficient rainfall and 18 received scanty rainfall.

Table 20.2 : Performance of South West Monsoon during 1989 to 2015 (1st June -30th September)

Year	Number of Meteorological Sub-Divisions @		Percentage of Districts with Normal/ Excess Rainfall	Actual Rainfall as % of Normal Rainfall (All India)
	Excess/ Normal Rainfall	Deficient/ Scanty Rainfall		
(1)	(2)	(3)	(4)	(5)
1989	29	6	72	101
1990	32	3	88	119
1991	27	8	68	91
1992	32	3	65	93
1993	31	4	78	100
1994	25	10	77	110
1995	33	2	79	100
1996	32	3	82	103
1997	32	3	81	102
1998	33	2	83	106
1999	28	7	67	96
2000	28	7	66	92
2001	30	5	68	92
2002	15	21	39	81
2003	33	3	77	102
2004	23	13	56	87
2005	32	4	72	99
2006	26	10	59	100
2007	31	5	72	106
2008	33	3	76	98
2009	14	22	41	78
2010	31	5	69	102
2011	33	3	76	101
2012	23	13	58	92
2013	30	6	72	106
2014	24	12	55	88
2015	19	17	51	86

Source: Directorate of Economics and Statistics, DAC&FW

@ Total number of Meteorological sub-divisions was 35 upto 2001. From 2002 onwards, the no. of meteorological sub-divisions is 36.

Excess : + 20% or more of Long Period Average Rainfall

Normal : Between + 19% and -19% of Long Period Average Rainfall

Deficient : Between -20% and -59% of Long Period Average Rainfall

Scanty : Between -60% and -99% of Long Period Average Rainfall

Table 20.3 : All India Rainfall Distribution from 1992-93 to 2015-16
(In Millimeters)

Year	Monsoon Season (June-September)			Post-Monsoon (October-December)			Winter Season (January-February)			Pre-monsoon Season (March-May)			Overall rainfall (June-May)		
	Actual		% Departure	Actual		% Departure	Actual		% Departure	Actual		% Departure	Actual		% Departure
	(2)	(3)		(5)	(6)		(8)	(9)		(11)	(12)		(14)	(15)	
1992-93	830.7	899.2	-7.6	106.5	114.1	-6.7	37.9	41.0	-7.6	116.5	121.3	-4.0	1091.6	1175.6	-7.1
1993-94	902.1	908.9	-0.7	131.6	119.6	10.0	44.5	40.8	9.1	106.1	123.3	-13.9	1184.3	1192.6	-0.7
1994-95	999.2	906.8	10.2	121.5	119.6	1.6	53.1	41.1	29.2	123.5	123.2	0.2	1297.3	1190.7	9.0
1995-96	904.5	904.7	-0.0	117.8	119.9	-1.8	37.4	40.8	-8.3	94.9	123.9	-23.4	1154.6	1189.3	-2.9
1996-97	927.6	905.7	2.4	128.0	120.8	6.0	21.0	40.6	-48.3	118.9	123.2	-3.5	1195.5	1190.3	0.4
1997-98	927.4	908.6	2.1	187.7	119.5	57.1	44.1	41.9	5.3	132.3	128.3	3.1	1291.5	1198.3	7.8
1998-99	945.2	903.6	4.6	178.8	121.8	46.8	28.4	42.8	-33.6	123.1	130.6	-5.7	1275.5	1198.8	6.4
1999-2000	866.9	903.2	-4.0	144.7	121.8	18.8	43.1	42.5	1.4	128.8	129.5	-0.5	1183.5	1197.0	-1.1
2000-01	833.7	902.3	-7.6	64.1	121.7	-47.3	16.2	42.2	-61.6	129.7	129.3	0.3	1043.7	1195.5	-12.7
2001-02	826.0	901.1	-8.3	137.7	121.7	13.1	35.0	41.2	-15.0	121.5	132.0	-8.0	1120.2	1196.0	-6.3
2002-03	737.1	911.7	-19.2	83.4	123.7	-32.6	53.2	38.3	38.9	107.7	131.7	-18.2	981.4	1205.4	-18.6
2003-04	947.3	902.7	4.9	134.6	125.0	7.7	34.5	39.2	-12.0	161.6	129.6	24.7	1278.0	1196.5	6.8
2004-05	779.6	893.3	-12.7	111.8	125.7	-11.1	69.8	43.8	59.0	124.7	134.5	-7.3	1085.9	1197.3	-9.3
2005-06	879.3	892.5	-1.0	138.4	125.8	10.0	27.8	43.9	-37.0	139.9	134.6	3.9	1185.4	1196.8	-1.0
2006-07	886.6	892.2	-0.6	99.3	125.9	-21.1	34.3	43.8	-21.7	112.8	133.6	-15.6	1133.0	1195.5	-5.2
2007-08	936.9	892.2	5.0	85.4	125.9	-32.2	42.6	43.2	-1.4	115.3	133.5	-13.6	1180.2	1194.8	-1.2
2008-09	873.2	892.2	-2.1	87.2	125.9	-30.7	23.6	43.8	-46.1	91.0	134.5	-32.3	1075.0	1196.4	-10.1
2009-10	689.8	892.2	-22.7	135.5	125.9	7.6	24.6	43.8	-43.8	122.9	133.7	-8.1	972.8	1195.6	-18.6
2010-11	912.8	893.2	2.2	153.2	126.3	21.3	31.9	40.9	-22.0	114.4	131.3	-12.9	1212.3	1191.7	1.7
2011-12	899.9	887.5	1.4	65.7	127.2	-48.3	38.8	40.9	-5.1	90.3	131.3	-31.2	1094.7	1186.9	-7.8
2012-13	819.5	886.9	-7.6	100.6	127.2	-20.9	51.4	40.9	25.7	101.9	131.3	-22.4	1073.4	1186.3	-9.5
2013-14	936.7	886.9	5.6	149.5	127.2	17.5	46.2	40.9	13.0	130	131.3	-1.0	1262.4	1186.3	6.4
2014-15	777.5	886.9	-12.3	85.2	127.2	-33.0	37.6	41.4	-9.2	181.5	131.5	38.0	1081.8	1187.0	-8.9
2015-16*	760.6	887.5	-14.3	72.2	100.9	-28.4									

Source: Directorate of Economics and Statistics, DAC&FW
* - Post Monsoon is under progress (Position is upto 18th November, 2015)

Table 20.4: Broad region-wise Monsoon (June-September) Rainfall Distribution from 2005 to 2015

(In Millimeters)

Year	North-West India			Central India			South Peninsula			East & North-East India		
	Actual	Normal	% Departure	Actual	Normal	% Departure	Actual	Normal	% Departure	Actual	Normal	% Departure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2005	552.1	611.6	-10	1094.9	993.2	10	808.9	722.6	12	1140.9	1430.7	-20
2006	573.7	611.6	-6	1152.2	993.9	16	684.6	722.6	-5	1177.6	1427.3	-17
2007	520.8	611.6	-15	1073.8	993.9	8	907.3	722.6	26	1485.9	1427.3	4
2008	651.7	611.6	7	956.9	993.9	-4	692.5	722.6	-4	1346.0	1427.3	-6
2009	392.1	611.6	-36	794.8	993.9	-20	693.0	722.6	-4	1037.7	1427.3	-27
2010	688.2	613.0	12	1027.9	991.5	4	853.6	722.9	18	1175.8	1436.2	-18
2011	654.8	615.0	7	1073.6	975.5	10	715.2	715.5	-0	1233.6	1438.3	-14
2012	569.3	615.0	-7	934.6	974.2	-4	644.0	715.7	-10	1275.3	1437.8	-11
2013	671.8	615.0	9	1195.3	974.2	23	825.6	715.7	15	1037.9	1437.8	-28
2014	483.1	615.0	-21	879.7	974.2	-10	665.4	715.7	-7	1267.7	1437.8	-12
2015	510.6	615.0	-17	815.5	975.5	-16	605.7	716.1	-15	1317.5	1438.3	-8

Source: Directorate of Economics and Statistics, DAC&FW

Table 20.5: Rainfall in 2015

S. No.	Meteorological Sub-Divisions	Total Rainfall in Winter-2015			Total Rainfall in Pre-Monsoon-2015			Total Rainfall in Monsoon-2015			Total Rainfall in Post-Monsoon-2015			Total Rainfall in Year 2015 (January To 18th November)		
		Normal (CMS)	Actual (CMS)	Deviation (%)	Normal (CMS)	Actual (CMS)	Deviation (%)	Normal (CMS)	Actual (CMS)	Deviation (%)	Normal (CMS)	Actual (CMS)	Deviation (%)	Normal (CMS)	Actual (CMS)	Deviation (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	A & N Islands	8.3	13.4	62	46.5	47.3	2	168.3	167.9	-0	46.3	37.2	-20	269.3	265.8	-1
2	Arunachal Pradesh	14.8	7.4	-50	75.0	63.7	-15	176.8	187.5	6	21.0	9.9	-53	287.6	268.4	-7
3	Assam & Meghalaya	4.7	2.8	-41	59.0	60.3	2	179.3	174.8	-3	17.4	7.7	-56	260.3	245.5	-6
4	Naga,Mani,Mizo& Tripura	4.4	2.8	-37	49.4	38.4	-22	149.7	105.0	-30	21.9	12.3	-44	225.4	158.4	-30
5	Sub-Himalayan. WB & Sikkim	6.0	2.9	-51	45.7	51.5	13	200.6	188.3	-6	16.9	7.5	-56	269.3	250.3	-7
6	Gangetic West Bengal	3.4	1.8	-49	16.5	16.6	0	116.8	126.6	8	14.8	3.3	-78	151.5	148.2	-2
7	Odisha	3.2	1.8	-42	13.5	11.1	-18	115.0	103.4	-10	13.5	3.1	-77	145.1	119.5	-18
8	Jharkhand	3.3	1.4	-58	7.9	10.2	28	109.2	94.2	-14	8.2	2.3	-72	128.7	108.0	-16
9	Bihar	2.3	1.5	-35	7.8	10.4	34	102.8	74.2	-28	7.1	1.0	-85	119.9	87.2	-27
10	East U.P.	2.9	3.4	18	3.2	8.0	152	89.8	47.2	-47	5.3	1.2	-77	101.1	59.8	-41
11	West U.P.	3.3	3.9	17	2.9	9.6	230	76.9	44.0	-43	4.5	0.9	-80	87.7	58.4	-33
12	Uttarakhand	10.6	11.7	10	15.6	22.2	42	122.9	88.2	-28	6.4	1.8	-73	155.6	123.8	-20
13	Haryana,Chd.,and Delhi	3.3	1.9	-43	3.4	11.5	237	46.6	29.6	-37	1.9	0.6	-69	55.3	43.6	-21
14	Punjab	5.0	4.9	-1	5.4	11.5	115	49.2	33.6	-32	2.5	1.0	-61	62.0	51.0	-18
15	Himachal Pradesh	19.6	21.3	9	24.5	30.2	23	82.5	63.8	-23	5.2	2.5	-51	131.7	117.8	-11
16	Jammu & Kashmir	21.3	21.5	1	32.6	57.9	78	53.5	61.4	15	5.5	12.3	123	112.9	153.1	36
17	West Rajasthan	0.7	0.2	-70	1.9	7.1	269	26.3	38.4	46	0.7	0.1	-82	29.6	45.8	54
18	East Rajasthan	1.1	1.2	13	1.7	7.5	333	61.6	55.7	-10	2.1	0.6	-73	66.4	64.9	-2
19	West Madhya Pradesh	1.4	4.6	238	1.4	6.9	414	87.6	91.5	4	4.0	1.1	-72	94.3	104.1	10
20	East MP	3.5	4.8	37	2.5	10.6	321	105.1	74.5	-29	4.3	3.9	-8	115.4	93.8	-19
21	Gujarat Region	0.1	0.2	77	0.6	1.4	114	90.1	65.9	-27	2.9	0.2	-92	93.7	67.7	-28

(Contd.)

S. No.	Meteorological Sub-Divisions	Total Rainfall in Winter-2015			Total Rainfall in Pre-Monsoon-2015			Total Rainfall in Monsoon-2015			Total Rainfall in Post-Monsoon-2015			Total Rainfall in Year 2015 (January To 18th November)				
		(CMS)	(3)	(4)	(5)	(CMS)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
(1)	(2)																	
22	Saurashtra, Kutch & Diu	0.1	0.1	95	0.4	0.8	110	47.4	50.3	6	2.6	0.4	-83	50.4	51.6	3		
23	Konkan & Goa	0.0	0.2	517	3.7	5.2	39	291.4	200.5	-31	13.7	10.6	-23	308.9	216.5	-30		
24	Madhya Maharashtra	0.2	0.2	14	3.8	7.6	100	72.9	48.8	-33	9.3	4.9	-48	86.2	61.5	-29		
25	Marathawada	0.7	1.2	72	3.0	8.4	177	68.3	41.2	-40	8.5	2.0	-77	80.5	52.7	-34		
26	Vidarbha	1.7	3.1	80	3.1	10.7	248	95.5	84.8	-11	6.6	0.7	-89	106.9	99.4	-7		
27	Chhattisgarh	2.1	1.1	-48	4.5	7.1	58	114.7	101.0	-12	6.7	1.9	-72	128.1	111.1	-13		
28	Coastal Andhra Pradesh	1.9	0.2	-88	9.7	6.5	-33	58.1	64.2	10	26.9	21.5	-20	96.6	92.4	-4		
29	Telangana	1.1	1.2	8	5.7	10.9	92	75.5	60.1	-20	10.9	2.4	-78	93.2	74.6	-20		
30	Rayalseema	0.7	0.1	-79	8.2	12.6	54	39.8	35.8	-10	17.8	29.1	64	66.4	77.7	17		
31	Tamil Nadu & Pondicherry	3.1	1.1	-66	12.8	24.3	90	31.7	28.6	-10	29.8	39.0	31	77.4	93.0	20		
32	Coastal Karnataka	0.1	0.2	120	17.9	20.7	16	308.4	228.5	-26	23.4	23.9	2	349.8	273.2	-22		
33	North Interior karnataka	0.4	0.2	-39	8.5	12.5	47	50.6	35.7	-29	13.3	6.3	-52	72.8	54.8	-25		
34	South Interior Karnataka	0.4	0.2	-55	14.5	23.3	60	66.0	60.7	-8	18.4	21.6	18	99.3	105.8	7		
35	Kerala	2.4	0.8	-67	38.0	46.5	22	204.0	151.5	-26	40.7	48.3	19	285.1	247.1	-13		
36	Lakshadweep	3.6	0.3	-93	23.2	24.4	5	99.9	86.1	-14	23.9	27.5	15	150.5	138.2	-8		
	All-India (Area Weighted)	4.1	3.8	-9	13.2	18.2	38	88.8	76.1	-14	10.1	7.2	-28	116.1	105.2	-9		

Winter - (January - February) Pre-Monsoon (March - May) Monsoon - (June - September) Post-Monsoon - (October - December)

Source: Directorate of Economics and Statistics, DAC&FW

* - upto 18th November, 2015

Table 20.6: Brief History of Most Intense Cyclones from 1970 -2014

S. No.	Name of Cyclone	Date and Year	Intensity (T-Number)	Observed/ Estimated Max. Wind	Damage
(1)	(2)	(3)	(4)	(5)	(6)
I. Over the Arabian Sea					
1	Severe Cyclonic Storm over the Arabian sea	October 19-24 1975	N/A	180 Knots 74 Kmph	85 people died in the districts of Junagarh, Jamnagar and Rajkot of Gujarat state. This cyclone caused considerable damage estimated to be about ₹ 75 Crores.
2	Severe Cyclonic Storm over the Arabian sea	May 31 - June 5 1976	N/A	90 Knots 167 Kmph	This cyclone caused damage which was estimated to be about ₹ 3 Crores. 4 Burges each containing ₹ 5 lakh and 6 fishing boats were swept away. Mahasana, Bhavnagar, Kaira, Panchmahal, Rajkot and Bharoch districts of Gujarat state were most affected areas.
3	Severe Cyclonic Storm over the Arabian sea	November 13 - 23 1977	T 5.5 (As per US satellite)	90 Knots 167 Kmph	Kerala and Lakshadweep were most affected areas due to this storm. People killed - 72, Houses damaged -8400 and 620 fishing vessels damaged in Kerala coast. Total loss was estimated to be about ₹10 crores.
4	Gujarat Cyclone	November 5 - 13 1978	N/A	278 Kmph	Damage to property reported.
5	Severe Cyclonic Storm over the Arabian sea	October 28 - November 3, 1981	T - 4.0 (as per US satellite)	65 Knots 120 Kmph	Junagarh, Rajkot and Jamnagar of Gujarat state were most affected areas, Total loss of damage to property was estimated to be about ₹52 Crores.
6	Severe Cyclonic Storm over the Arabian sea	November 4-9, 1982	N/A	N/A	Saurashtra Coast of Gujarat about 45 km east of Veraval was affected very much by this storm. 507 people died and 1.5 lakh livestock perished.
7	Severe Cyclonic Storm over the Arabian sea	November 4-9, 1982	T- 4.0	50 Knots 93 Kmph	50 fishermen were reported missing in Gujarat Coast.
8	Severe Cyclonic Storm over the Arabian sea	June 17-20, 1996	T-3.5	60 Knots 111 Kmph	19 Districts of Gujarat State were affected. 33 people died. 27964 pucca houses were destroyed. Total estimated loss was ₹1803.52 lakh.
9	Severe Cyclonic Storm over the Arabian sea	October 23-28, 1996	T-4.0	60 Knots 111 Kmph	As the system did not cross the coast no significant damage was reported.
10	Very severe Cyclonic Storm over the Arabian sea	June 4-10, 1998	T-5.0	90 Knots 167 Kmph	Gujarat & Rajasthan states were affected. Porbander of Gujarat state was the most affected area. Loss incurred due to storm was estimated to be about ₹1855.38 Crores in Kandla. Number of lives lost 1173 and number of persons missing 1774 in Gujarat.

(Contd.)

Table 20.6 (Contd.)

S. No.	Name of Cyclone	Date and Year	Intensity (T-Number)	Observed/ Estimated Max. Wind	Damage
(1)	(2)	(3)	(4)	(5)	(6)
11	Very severe Cyclonic Storm over the Arabian sea	May 16-22, 1999	T- 5.5	55 Knots 102 Km/h	This system caused severe damage in Kutch and Jamnagar districts of Gujarat. 453 people died. Loss of property was estimated to be about ₹ 80 crores. In Rajasthan one person died and 5104 cattle heads perished. 5133 houses were partially damaged.
12	Severe Cyclonic Storm over Arabian sea	May 5-10, 2004	3.5	Weakened over sea	Widespread damage caused at Lakshadweep. Several houses damaged due to wind, sea wave, falling of trees and floods. 45 houses, 35 boats and small mechanized cargo ships lost in sea near land. 16 boats reported sunk and cargo boat damaged. Sea erosion reported over Kerala and 9 people dead and 17 people missing. Total loss worth ₹ 30 crores.
13	Severe Cyclonic" Storm MUKDA" over Arabian sea	September 21-24, 2006	3.5	55 Knots 102 Km/h	No damage as dissipated over the Arabian Sea.
14	Super cyclone "GONU"	01-07 June 2007	T-6.5	127 knots	The system crossed Makran coast and hence there was no damage in India
15	Cyclonic storm "YEMYIN"	25 - 26 June 2007	T' - 2.5	35 knots	The cyclone crossed Pakistan coast and hence there was no damage in India
16	Cyclonic Storm PHYAN (Arabian sea)	9-12 Nov. 2009	3.0	45 Knots 83 Km/h	According to State Govt. and news agencies reports, it caused damage to lives, crops and properties in Goa and Konkan region especially in Ratnagiri, Sindhudurg, Raigarh and Thane districts. About 1000 houses damaged, seven persons died and about 44 fishermen missing
17	Cyclonic Storm WARD (Arabian sea)	10-15 Dec. 2009	3.0	45 Kts (83 Km/h)	No damage over India.
18	Cyclonic Storm Bandu	May 19 -23 2010	2.5	40 knots	
19	Cyclonic Storm Phet	May 31 - 07 June 2010	4.5	85 knots	
20	Cyclonic Storm "KEILA"	29th October to 4th November, 2011	T' 2.5	35 kts (65 km/h)	No damages over India.

(Contd.)

Table 20.6 (Contd.)

S. No.	Name of Cyclone	Date and Year	Intensity (T-Number)	Observed/ Estimated Max. Wind	Damage
(1)	(2)	(3)	(4)	(5)	(6)
21	Cyclonic Storm "NANAUUK"	10th June to 14th June, 2014	T 3.0	45 kts (83 kmph)	No damages over India.
22	Very severe Cyclonic Storm 'NILOFAR'	25th October to 31st October, 2014	T 5.5	110 kts (204 kmph)	No damages over India.
II. Over the Bay of Bengal					
1	Bangladesh (Chittagong)	November 12-13, 1970	N/A	224 Kmph	30,00,000 people died
2	Balasore (Odisha)	October 26-31, 1971	N/A	185 Kmph	10,000 people died and 1 million people rendered homeless.
3	Andhra Cyclone	November 14-20, 1977	N/A	259 Kmph	8547 People died. Strom surge height 5 m.
4	Sri Harikota (A.P.)	November 9-14, 1984	T-6.0	213 Kmph	604 people died.
5	Indo-Bangladesh Border	November 24-30, 1988	T-6.0	213 Kmph	2000 people died. 6000 people missing in Bangladesh.
6	Kavali (A.P.)	November 1-9, 1989	T-6.5	235 Kmph	69 people died.
7	Machilipatnam (A.P.)	May 4-9, 1990	T-6.5	235 Kmph	967 people died.
8	Bangladesh (Chittagong)	April 25-30, 1991	T-6.5	235 Kmph	1,38,882 people died. 1,39,054 people injured.
9	Bangladesh (Teknaf)	April 24 - May 2, 1994	T-6.0	215 Kmph	184 people killed
10	Bangladesh (Teknaf)	May 15-19, 1997	T-6.0	230 Kmph As reported by Bangladesh Met. Office	155 people died. 9663 people injured.

(Contd.)

Table 20.6 (Contd.)

S. No.	Name of Cyclone	Date and Year	Intensity (T-Number)	Observed/ Estimated Max. Wind	Damage
(1)	(2)	(3)	(4)	(5)	(6)
11	Gopalpur Cyclone (Odisha)	October 15-19, 1999	T-5.0	170 Kmph	198 people died. 402 persons injured.
12	Super Cyclone (Odisha)	October 25-31, 1999	T-7.0	260 Kmph	9887 people died. 129.22 lakh people affected.
13	Very severe Cyclonic Storm over the bay of Bengal.	November 26-30, 2000	T- 5.5	102 Knots 189 kmph	Two states viz., Tamil Nadu and Puducherry were mainly affected by this storm. The loss was mainly due to crop damage. Uprooting of big trees and partial damages to more than one thousand kuchha houses. 30,000, Plantain trees and 50,000 Plantain saplings got destroyed and 30,000 trees were uprooted in Tamil Nadu state. In Puducherry two persons lost their lives. Damage to paddy crops, plantains, coconut plantation were the major losses in Puducherry.
14	Very severe Cyclonic Storm over the bay of Bengal	December 23-28, 2000	T- 5.0	90 Knots 167 Kmph	Three districts of Tamil Nadu state were affected by this storm in the Ramnathanpuram district, 350 houses were damaged in Thirunelveli. Houses damaged - 318. In Tutocorin houses damaged-318, Fishing boats lost - 95, loss to crops - 281 hectares of paddy, 650 hectares of plantain and 80 hectares of betel destroyed.
15	Cyclonic Storm over Bay of Bengal	October 14-17, 2001	2.5	35 Knots 65 kmph	108 people dead, 21 people missing, damage to crops about 125000 Hectares and 55747 house damaged in Andhra Pradesh.
16	Severe Cyclonic Storm over Bay of Bengal	November 10-12, 2002	3.5	55 Knots 102 kmph	Two trawlers damaged and 18 people died in Odisha and another two trawlers missing. In West Bengal 2 people died.
17	Severe Cyclonic Storm over Bay of Bengal	December 11-16, 2003	3.5	55 Knots 102 kmph	81 people dead in Andhra Pradesh, 1637 Building destroyed completely, 7453 Building partially damaged 61898.5 hectares of Agricultural land damaged. Loss of property to the tune of ₹ 23903.13 Lakh. No of villages electric failure are 2000 and telecommunication disruption are in 41 villages.
18	Cyclonic Storm "PYARR" over Bay of Bengal	September 17-21, 2005	T-2.5	35 Knots 65 kmph	Damages reported in Andhra Pradesh are as follows Number of Human deaths -1, Number of livestock died - 291, Buildings partly / completely destroyed - 12041, (estimated cost ` 177.28 lakhs) , Crop loss - 4,82,188 hectares (estimated cost ₹ 627.74 lakhs) , Total loss estimated by Government - ₹ 5029.82 lakhs.

(Contd.)

Table 20.6 (Contd.)

S. No.	Name of Cyclone	Date and Year	Intensity (T-Number)	Observed/ Estimated Max. Wind	Damage
(1)	(2)	(3)	(4)	(5)	(6)
19	Cyclonic storm "BAAZ" over Bay of Bengal	November 28- December-02, 2005	T-3.0	45 Knots 83 Kmph	According to press reports, heavy rain caused floods in Nellore. Chittoor and Cuddapah districts of Andhra Pradesh. Number of deaths - 11 (Nellore ⁷ , Chittoor 3 Cuddapah 1), Number of tanks breached - 27 (Nellore district), Many villages were reported to be marooned in the above districts.
20	The Very Severe Cyclonic Storm "Mala" over the Bay of Bengal	May 25- 30, 2006	5.5	100 Knots 185 Kmph	It crossed the coast of Myanmar and hence there was no damage in India.
21	Cyclonic Storm "ONGI" over Bay of Bengal	October 29-30, 2006	2.5	35 Knots 65 Kmph	Andhra Pradesh Loss of life: 24 Livestock:3,61,553 Loss of crops:1,99,986 acres Villages submerged: 900 Damage to houses (fully) : 26,853 Damage to houses (partly): 73,218 Total loss : ₹ 21,601 lakhs.
22	Cyclonic storm "AKASH"	13 -15 May 2007	T- 6.0	115 knots	The system crossed Bangladesh coast and hence there was no damage in India
23	Very severe cyclonic storm "SIDR"	11 - 16 November 2007	T - 6.0	115 knots	The system crossed Bangladesh coast .However, one person died. 46 Villages and thousands of people were affected in west Bengal. Crops were damaged in thousands of hectares of land. There was disruption of electricity supply in the coastal belt of West Bengal due to breaking of dam over Bidyadhari river.Extensive areas were flooded near Gajikhali and Kheaghat. Some houses were partially/totally damaged in Mizoram. Shillong road was also affected at several places.
24	Nargis	27th/April to 3rd May 2008	T - 5.0	Estimated 90 kts/167kmph (As per news paper 190 kmph)	As the system moved away from Indian coast there was no damage reported from India.

(Contd.)

Table 20.6 (Contd.)

S. No.	Name of Cyclone	Date and Year	Intensity (I-Number)	Observed/ Estimated Max. Wind	Damage
(1)	(2)	(3)	(4)	(5)	(6)
25	Rashmi	25th to 27th October 2008	T - 3.0	50 Knots 93 Kmph	Significant damage was reported over northeastern states. Numbers of human death wear 5 from Meghalaya and 8 from Arunachal Pradesh. The death was due to landslide caused by incessant rain along with strong wind. One person was washed away by surging water of the wahumkhrak river. Incessant rain and wind uprooted most of the electric posts in shillong. According to Assam electricity Board the uprooted trees snapped trees snapped the power supply lines causing damage to power transmission. Due to severe thunder squall and continuous heavy rain, vast areas of Tawang and Bomdila of west Arunachal Pradesh were lashed in the night hours of 27-28th Oct. causing disruption of road and other communications. Several road bridges were broken down and a number of dwelling houses have been devastated besides injury to many persons.
26	Khaimuk	13th November to 16th November 2008	T 2.5	40 Knots 74 Kmph	Major erosion of coast seen at Uppadanear Kakinada. In many areas in East & West Godavari and krishna districts, paddy fields got inundated. Twenty one country boats washed off in the sea off konapapeta in kothapalli mandal of East Godavari. A big ship was carried away by the waves along the Wakalapudi beach near lakinada of East Godavari district. Many boats and fishing nets wear swept off in the areas adjoining Wakadu, Alluru, Mypad, Gangapatnam in Nellore district.
27	Nisha	25th to 27th November, 2008	T - 3.0	45 Knots 83 Kmph	As per the Tamil Nadu Govt. Revenue site, loss of life wear 78 over the state during 24th to 28th November, 2008. As per media reports 8 lakhs acres of paddy crops in Nagapattnam, Thanjavur and Tiruvarur (delta) districts and 55,250 hectares of paddy in cuddalore district were submerged due to heavy rain. Andhra Pradesh: Chittur, Nellore and Prakasam districts of south coastal Andhea Pradesh were affected by heavy rain/ strong, 3.63 lakh hectares of crop were damaged. The heavy rain led to floods in south coastal Andhra Pradesh districts.
28	Cyclonic Storm Bijli (Bay of Bengal)	14-17 April 2009	2.5	40 Knots 74 Kmph	No damage over India.

(Contd.)

Table 20.6 (Contd.)

S. No.	Name of Cyclone	Date and Year	Intensity (T-Number)	Observed/ Estimated Max. Wind	Damage
(1)	(2)	(3)	(4)	(5)	(6)
29	Severe Cyclonic Storm AILA (Bay of Bengal)	23-26 May 2009	3.5	60 Knots 112 Kmph	According to West Bengal state Government, number of people affected by storm was about 2.2 million. More than 61,000 houses were collapsed and more than 1,32,000 houses were partially damaged. About 100 people died in the state. In Odisha Numerous trees were uprooted and power lines were down. High waves produced by the storm inundated coastal villages, Forcing residents to evacuate to safer places. However there was no report of human death in the state. An estimated 1,000 acres of cropland were affected. In Meghalaya several houses were damaged, power supply was disrupted and many areas were flooded.
30	Cyclonic Storm "Laila" over Bay of Bengal	17 - 21 May, 2010	3.5	55 knots	
31	Cyclonic Storm "Giri" over Bay of Bengal	20 - 23 October, 2010	5.5	105 knots	
32	Cyclonic Storm "Jal" over Bay of Bengal	04 - 07 November, 2010	3.5	60 knots	
33	Very Severe Cyclonic Storm "THANE"	25th - 31st December, 2011	T 4.5	75 kts (139 kmph)	46 persons died in Tamil Nadu and Puducherry. 793 trees, electric posts were uprooted. Around 6000 persons in these areas were shifted to shelters. In Puducherry the storm has caused considerable loss to the Tourism Industry. About 73292 thatched houses were fully damaged and 94633 houses were partially damaged by wind and rain. Paddy crop in 58,200 hectares; sugarcane in 5,752; groundnut in 1,402; black gram in 945; coconut in 490 hectares were damaged in the entire cyclone affected areas. In horticultural sector, cashew in 23,500 hectares; banana plantation in 2,860; Jackfruit in 340; vegetables in 320; Mango trees in 317; Guava in 270; flowers in 250; betel nuts in 128; rubber in 73; amla in 12 hectares were damaged. In Cuddalore district alone 4500 electric poles, 4500 transformer, 27 electric towers were damaged. Electric wire in 10,500 Km length was damaged. The damages are worked out to be ₹ 1300 to 1500 crores.

(Contd.)

Table 20.6 (Contd.)

S. No.	Name of Cyclone	Date and Year	Intensity (I-Number)	Observed/ Estimated Max. Wind	Damage
(1)	(2)	(3)	(4)	(5)	(6)
34	Cyclone Storm MURJAN	23rd - 26th Oct-12	T-2.5	40 Knots (75 kmph)	No damage over India
35	Cyclonic Storm 'Viyaru'	10-16 May 2013	T-3.0	45 Knots (83 kmph)	No damage over India Basin (Name of the coast of landfall)
36	Very Severe CyclonicStorm (VSCS) 'PHAILIN' over the Bay of Bengal	08-14 Oct. 2013	T-6.0	115 knot (213 kmph)	Crossed Andaman & Nicobar near Maya Bandar between 0700-0800 UTC of 9 October as DD and later the VSCS crossed Odisha & adjoining north Andhra Pradesh coast near Gopalpur around 1700 UTC near 19.20N and 84.90E.
37	Bengal NILAM	28th October to 1st November 2013	T-3.0	45 Knots (85 kmph)	No damage over India
38	Severe Cyclonic Storm 'Helen' over Bay of Bengal	19-23 Nov 2013	T-3.5	55 knot (102 kmph)	Crossed Andhra Pradesh coast close to south of Machilipatnam near 16.10N/81.20E between 0800-0900UTC
39	Very Severe Cyclonic Storm VSCS 'Ichar'	23-28 Nov. 2013	T-4.0	75 knot (139 kmph)	Crossed Andaman & Nicobar island, south of Port Blair at around 0100 UTC of 25 November and later Andhra Pradesh close to north of Machilipatnam near 15.90N/81.10 E 0830 UTC of 27 Nov, 2013 as a depressionaround
40	Very Severe Cyclonic Storm VSCS 'Madi'	06-13 Dec.2013	T-4.0	65 knot (120 kmph)	Crossed Tamil Nadu coast near Vedaranyam around 1330 UTC and emerged into Palk straight and again crossed Tamil Nadu coast near Tondi around 1700 UTC of 12 Dec.2013
41	Very severe Cyclonic Storm 'HUDDUD'	7th October to 14th October, 2014	T-5.0	100 knot (185 kmph)	The System crossed Andhra Pradesh coast over Visakhapatnam and moved across south coast of Odisha. Maximum damage was reported over Andhra Pradesh followed by Odisha.

Source: Ministry of Home Affairs, Government of India.

* Damage due to cyclone may be obtained from concerned states and National Disaster Management,

21

Conversion Factors between Important Primary and Secondary Agricultural Commodities

Table 21 : Conversion Factors between Important Primary and Secondary Agricultural Commodities

Commodity	Conversion Factor
(1)	(2)
Rice (Cleaned) Production	2/3 of Paddy Production
Cotton	
Cotton Lint Production	1/3 of Kapas Production
Cotton Seed Production	2/3 of Kapas Production
	2 Times of Cotton Lint Production
Jute	
100 Yards of Hessian	54 lbs. of Raw Jute
4148 Yards of Hessian	1 Ton of Raw Jute
	5.55 Bales of Raw Jute (of 180 Kgs. Each)
1 Ton of Sacking	1.11 Tons of Raw Jute
	6.17 Bales of Raw Jute (of 180 Kgs. Each)
1 Ton of Hessian	1.05 Tons of Raw Jute
Sacking etc.	5.85 Bales of Raw Jute (of 180 Kgs. Each)
Groundnut	
Kernel to Nuts in Shell	70 Percent
Oil to Nuts in Shell	28 Percent
Oil to Kernels Crushed	40 Percent
Cake to Kernels Crushed	60 Percent
Sesamum	
Oil to Seeds Crushed	40 Percent
Cake to Seeds Crushed	60 Percent
Rapeseed and Mustard	
Oil to Seeds Crushed	33 Percent
Cake to Seeds Crushed	67 Percent
Linseed	
Oil to seeds Crushed	33 Percent
Cake to Seeds Crushed	67 Percent
Castorseed	
Oil to Seeds Crushed	37 Percent
Cake to Seeds Crushed	63 Percent
Cotton Seed	
Oil to Seeds Crushed	14 to 18 Percent
Cake to Seeds Crushed	82 to 86 Percent
Coconut	
Copra to Nuts	One Ton of Copra = 6773 Nuts
Oil to Copra Crushed	62 Percent
Cake to Copra Crushed	38 Percent
Nigerseed	
Oil to Seeds Crushed	28 Percent
Cake to Seeds Crushed	72 Percent

(Contd.)

Table 21 (Contd.)

Commodity	Conversion Factor
(1)	(2)
Kardi Seed	
Oil to Seeds Crushed	40 Percent
Cake to Seeds Crushed	60 Percent
Mahua Seed	
Oil to Seeds Crushed	36 Percent
Cake to Seeds Crushed	64 Percent
Neem Seed	
Oil to Kernels Crushed	45 to 50 Percent
Cake to Kernels Crushed	50 to 55 Percent
Soybean Seed	
Oil to Soybean Seed Crushed	18 Percent
Meal to Soybean Seed Crushed	73 Percent
Hull from Soybean Seed Crushed	8 Percent
Wastage from Soybean Seed Crushed	1 Percent
Sugar	
Gur from Cane Crushed	11.20 Percent to 11.50 Percent
Crystal Sugar from Gur Refined (Gur Refineries)	62.5 Percent
Crystal Sugar from Cane Crushed (Cane Factories)	10.20 Percent
Khandasari Sugar (Sulphur and Non-sulphur)	46 Percent
from standard Gur Refined	
Molasses from Cane Crushed	4.0 Percent to 4.5 Percent
Cane - Trash* from Cane Harvested	8.0 Percent to 12.0 Percent
Lac	
Seed Lac	66.0 Percent of Stick Lac
Shell Lac	57.4 Percent of Stick Lac
Cashewnut	
Cashew Kernel	25 Percent of Cashewnuts

* This consists of leaves and portion of the top of stalk which are removed from the canestalk, while harvesting and before sending the cane for milling.

22: List of Studies Conducted by Agro-Economic Research Centres

2010-11

1.	Organic input Production & Marketing in India – Efficiency , Issues & Policies –	CMA, Ahmadabad
2.	Assessing Policy Interventions in Agri—business and Allied Sector Credit versus Credit Plus Approach for Livelihood Promotion Proposed / Cord. by- CMA, Coverage- Gujarat, AP Centers- V.V. Nagar, Waltair	CMA, Ahmadabad
3	Determinants of stagnation in Productivity of Important Crops in Karnataka	ADRT, Bangalore
4	Studies of Tanks in Watershed Development Area in Karnataka	ADRT, Bangalore
5	Consolidated study-Evaluation of PM's Package for Rehabilitation of Farmers in Suicide Prone States Proposed By: Credit Division ,Coverage- AP, Karnataka, Kerala and Maharashtra	ADRT, Bangalore
6	Production, Market Structure and the Role of Govt. Policy : Foodgrains in the New Economy (Proposed by the IEG).	IEG, Delhi
7	Policy analysis for Increasing Rural Non –Farm Employment for farm households in India (FAO Study , not in work plan)	IEG, Delhi
8	Market Access and Constraints in Goat Marketing and Their Products in Uttar Pradesh	Allahabad
9	Management of Water Logged Areas in Uttar Pradesh – Proposed by the Centre). – copy to be obtained.	Allahabad

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10	The Impact of Macro Management of Agriculture Scheme.	Allahabad
11	Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration, in Bihar .	Bhagalpur
12	Impact of emerging marketing channels in agricultural marketing---benefit to producer-sellers and marketing costs and margins of major agricultural commodities in Bihar and Jharkhand	Bhagalpur
13	Possibilities and Constraints in Increasing Pulses Production in Bihar and the Impact of National Food Security Mission on Pulses”	Bhagalpur
14	The Impact of Macro Management of Agriculture Scheme.	Bhagalpur
15	The Impact of Macro Management of Agriculture Scheme. (Coordinator – ADRT, Bangalore)- Proposed by Macro Management Division of the Ministry.	Chennai
16	Irrigated Agriculture (Pattern and Scope for Diversification in Tamil Nadu (Proposed by the Centre).	Chennai
17	Evaluation of PM's Package for Rehabilitation of Farmers in Suicide Prone States- Kerla, Proposed by Credit Division , Cord -ISEC Bangalore	Chennai
18	Market Access and Constraints in Marketing of Goats and Their Products (Coordinator-AERC, Allahabad).	Jabalpur
19	The Impact of Macro Management of Agriculture Scheme. (Coordinator – ADRT, Bangalore)- Proposed by Macro Management Division of the Ministry.	Jabalpur
20	Impact of emerging marketing channels in Agricultural Marketing – Benefit to Producer – Seller & Marketing Costs and Margins of Agricultural Commodities.	Jabalpur
21	The Impact of Macro Management of Agriculture Scheme. (Coordinator – ADRT, Bangalore)- Proposed by Macro Management Division of the Ministry.	Jorhat
22	An Evaluation of Impact of Macro Management of Agriculture in Punjab	Ludhiana
23	Estimating Infrastructural , institutional and organizational .requirements of promoting High Value Chain Analysis for Promoting High Value Crops (HVCs) in Punjab State	Ludhiana
24	Determinants/Trends in Productivity in important crops(Proposed by DAC)- Coordinator, ADRT, Bangalore).	Ludhiana
25	An Evaluation Study of Prime Minister's Rehabilitation Package for Farmers in Suicide Prone Districts of Kerala	Pune
26	Determinants of stagnation in Productivity of Important Crops in Maharashtra	Pune
27	Market Access and Constraints in Goat Marketing and Their Products in Maharashtra	Pune
28	Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Commodities.	Pune
29	Possibilities and Constraints for increasing the Production of Pulses in India; and Impact of National Food Security Mission on Pulses.	Pune
30	Economics of Contract Broiler Farming in Maharashtra..	Pune
31	Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration, with all India coverage,	Pune

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32	Production & Marketing Problems of Mushrooms in Himanchal.Pradesh	Shimla
33	Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Apple and Tomato in Himanchal.Pradesh .	Shimla
34	Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration, in Himanchal.Pradesh .	Shimla
35	Possibilities and Constraints for increasing the Production of Pulses in India and Impact of National Food Security Mission on Pulses	Vallabh Vidyanagar
36	Determinants of Stagnation in Productivity in Important Crops in West. Bengal (Consolidated by ADRT, Bangalore).	Visva Bharati
37	Mid-Term Evaluation Studies of National Development for Rainfed Areas for Tenth Plan in West Bengal.	Visva Bharati
38	Mid-Term Evaluation Studies of National Development for Rainfed Areas for Tenth Plan (Consolidated)	Visva Bharati
39	Understanding the Growth & Prospects of Agro-Processing Industries. Coordinated Report based on the study reports of AERC,Visva-Bharati, Bhagalpur and Pune.	Visva Bharati
40	Hulling and Milling Ratio in major Paddy growing states-for West.Bengal	Visva Bharati
41	Trends in Productivity in Important Crops.	Visva Bharati
42	Impact of Aquaculture on Agriculture Production, Rural Employment and Environment -A Study in Andhra.Pradesh(for Odisha- Completed during 2008-09)	Waltair
43	Estimation of Total Production of Broiler Meat and its Costing in Andhra Pradesh - (Suggested by Deptt. of AH&D-Coordinated Report).	Waltair
44	An Evaluation Study of Prime Minister's Rehabilitation Package for Farmers in Suicide Prone Districts of Andhra Pradesh	Waltair
45	for ADRT , Bangalore, Study on Determinants of stagnation in productivity of important crops. (Allotted during 2008-09). - Secondary data	Waltair
46	Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Commodities of Andhra Pradesh, Cord. By – IEG	Waltair

2011-12

1	Capacity Building for Improving Trade Competitiveness and Price Realization of Indian Agriculture.	CMA, Ahmedabad
2	Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration of Karnataka	ADRT, Bangalore
3	Impact Study of the National Horticulture Mission (NHM) Scheme in Karnataka	ADRT, Bangalore
4	State Budgetary Resources and Agriculture Development (Consolidated Report).	ADRT, Bangalore

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5	Impact of Macro Management of Agriculture Scheme. (Consolidated Report)	ADRT, Bangalore
6	Role of Climate Change & Agricultural Performance. Proposed by- IEG, Delhi	IEG, Delhi
7	Possibilities and Constraints increasing the production of pulses in India; and the Impact of National Food Security Mission on Pulses	IEG, Delhi
8	Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Commodities.	IEG, Delhi
9	Market Access and Constraints in Marketing of Goats and Their Products (Consolidated)	Allahabad
10	Possibilities and Constraints for increasing the Production of Pulses in India and Impact of National Food Security Mission on Pulses in U.P.	Allahabad
11	Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Commodities.	Allahabad
12	Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration, at Kerala .	Chennai
13	Possibilities and Constraints for increasing the Production of Pulses in India and Impact of National Food Security Mission on Pulses in Haryana.	Delhi
14	Impact Study of the National Horticulture Mission (NHM) Scheme.	Delhi
15	Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration,	Delhi
16	Economics of fodder cultivation & its processing and marketing.	Jabalpur
17	Potential & prospects of Rabi cultivation in Assam.	Jorhat
18	Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Commodities in Assam.	Jorhat
19	Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration in Assam,	Jorhat
20	Economics of fodder cultivation & its processing and marketing in Punjab.	Ludhiana
21	Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration of in Punjab.	Ludhiana
22	Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration, with all India coverage in Rajasthan and Gujarat	Vallabh Vidyanagar

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23	Impact Study of the National Horticulture Mission (NHM) Scheme in Rajasthan	Vallabh Vidyanagar
24	Mid-Term Evaluation Studies of National Watershed Development for Rain fed Areas during Tenth Plan	Vallabh Vidyanagar
25	Study report on Evaluation Studies of National Watershed Development for Rainfed Areas during Tenth Plan.	Vallabh Vidyanagar
26	Economics of production processing and marketing of fodder crops in Gujarat.	Vallabh Vidyanagar
27	Impact and Constraints Evaluation of Organic Farming at Household Level.	Visva Bharati
28	Impact Study of the National Horticulture Mission (NHM) Scheme in West.Bengal.	Visva Bharati
29	Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Commodities in West.Bengal.	Visva Bharati
30	Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration in West.Bengal.	Visva Bharati
31	Possibilities and Constraints for increasing the Production of Pulses in India and Impact of National Food Security Mission on Pulses in Andhra Pradesh.	Waltair
32	The Impact of Macro Management of Agriculture Scheme in Andhra Pradesh	Waltair

2012-13

1	Economics of fodder cultivation & its processing and marketing in Karnataka	ADRT, Bangalore
2	Hulling and Milling Ratio in major Paddy growing states-Karnataka	ADRT, Bangalore
3	Market Integration of Major Agricultural Markets in Karnataka	ADRT, Bangalore
4	Hulling and Milling Ratio in major Paddy growing states-All India (Consolidated)	ADRT, Bangalore
5	Impact of NREGA on age Rates, Food Security and Rural Urban Migration with All-India Coverage'(Consolidated)	ADRT, Bangalore
6	Prospects of Crop Diversification in the States of Punjab & Haryana - (Suggested by CACP).	IEG, Delhi
7	Producers companies in India: Ownership, management structure, performances and impact on small producers.	IEG, Delhi
8	Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration in U.P.	Allahabad
9	End-term Evaluation Study/Appraisal in respect of the Implementation of the Bringing Green Revolution to Eastern India (BGREI) Program	Allahabad

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10	Spread of new varieties of hybrid rice and their impact on the overall production and productivity in Uttar Pradesh.	Allahabad
11	Problems and Prospects of Katarni Paddy Production in Bihar.	Bhagalpur
12	Impact Study of the National Horticulture Mission (NHM) Scheme in Bihar	Bhagalpur
13	End-term Evaluation Study/Appraisal in respect of the Implementation of the Bringing Green Revolution to Eastern India (BGREI) Program	Bhagalpur
14	Impact Study of the National Horticulture Mission (NHM) Scheme in Tamil Nadu	Chennai
15	Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer in Haryana	IEG, Delhi
16	End-term Evaluation Study/Appraisal in respect of the Implementation of the Bringing Green Revolution to Eastern India (BGREI) Program	Jabalpur
17	Possibilities and Constraints in increasing the production of pulses in India; and the Impact of National Food Security Mission on Pulses	Jabalpur
18	Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration in Madhya Pradesh and Chhattisgarh	Jabalpur
19	Impact study of soil testing analysis in the states of Madhya Pradesh	Jabalpur
20	(1) Hulling and Milling Ratio in major Paddy Madhya Pradesh. (2) Hulling and Milling Ratio for Paddy in Chhattisgarh	Jabalpur
21	Spread of new varieties of hybrid rice and their impact on the overall production and productivity in Madhya Pradesh	Jabalpur
22	End-term Evaluation Study/Appraisal in respect of the Implementation of the Bringing Green Revolution to Eastern India (BGREI) Program	Jorhat
23	Possibilities and Constraints in increasing the production of pulses in India; and the Impact of National Food Security Mission on Pulses.	Ludhiana
24	Hulling and Milling Ratio for Paddy in Punjab	Ludhiana
25	Impact of emerging marketing channels in Agricultural Marketing – Benefit to producer – seller & Marketing Costs and Margins of Agricultural Potato and Kinnow in Punjab	Ludhiana
26	Economics of fodder cultivation & its processing and marketing (Consolidated)	Ludhiana
27	Assessment of Pre and Post Harvest Losses in Wheat and Paddy Crops in Punjab	Ludhiana
28	Assessment of crop-wise marketable and marketed surplus of food grains and post harvest losses in Ludhiana	Ludhiana
29	marketed surplus of food grains and post harvest losses in West Bengal.	Visva Bharati

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30	End-term Evaluation Study/Appraisal in respect of the Implementation of the Bringing Green Revolution to Eastern India (BGREI) Program	Visva Bharati
31	Baseline Data on Area , Production and Production and Productivity of Horticulture Crops in Sikkim-Shantiniketan	Visva Bharati
32	Problem and Prospects of Oilseeds in West Bengal -Shantiniketan	Visva Bharati
33	Effect of Farm Mechanization on Agricultural Growth and Comparative Economics of Labour and Machinery	Visva Bharati
34	Spread of new Varieties of Hybrid Rice and their Impact on the Overall Production and Productivity in West Bengal.	Visva Bharati
35	Impact of NREGA on wage rates, cost of production, food Security and Rural Urban Migration in Andhra.Pradesh	Vishakhapatnam
36	Impact Study of the National Horticulture Mission (NHM) Scheme in Andhra.Pradesh	Vishakhapatnam
37	End-term Evaluation Study/Appraisal in respect of the Implementation of the Bringing Green Revolution to Eastern India (BGREI) Program	Vishakhapatnam

2013-14

1	Estimation of pre and post harvest losses of Rice and Redgram in Karnataka.	ADRT, Bangalore
2	Assessment of crop-wise marketable and marketed surplus of food grains and post harvest losses in Karnataka.	ADRT, Bangalore
3	Consolidated Impact Study of the National Horticulture Mission (NHM) Scheme.	ADRT, Bangalore
4	Assessment of crop-wise marketable and marketed surplus of food grains and post harvest losses for Gujarat.	CMA,IIMA
5	Assessment of Pre and Post Harvest Losses in Wheat and Paddy Crops in Uttar Pradesh.	Allahabad
6	Assessment of Crop-wise Marketable and marketed surplus of food grains and post harvest losses in Uttar Pradesh.	Allahabad
7	Problems and prospects of oilseeds and oil palm cultivation, potential of bringing it in cost effective manner in Uttar Pradesh.	Allahabad
8	Evaluation and impact of mechanization on agri. Growth, comparative economics of labour and machinery in Bihar.	Bhagalpur
9	Spread of new varieties of hybrid rice and their impact on the overall production and productivity in Bihar.	Bhagalpur
10	Assessment of crop-wise marketable and marketed surplus of food grains and post harvest losses in Haryana.	Delhi
11	Evaluation of Price Support Scheme of Sunflower in Haryana.	Delhi
12	Evaluation of Market Intervention Scheme (Apple 'C' Grade) in Uttarakhand	Delhi

(Contd.)

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13	Baseline data on area, Production and productivity of Horticulture crops in North East and Himalayan states in Uttarakhand.	Delhi
14	Estimation of pre and post harvest losses among selected crops in Madhya Pradesh.	Jabalpur
15	Assessment of marketable and marketed surplus of Wheat, Gram & Tur in Madhya Pradesh	Jabalpur
16	Baseline Data on Area, Production and Productivity of Horticultural Crops in Assam.	Jorhat
17	Evaluation of Market Intervention Scheme(MIS) and PSS in Mizoram	Jorhat
18	Estimation of pre and post harvest losses among selected crops in Assam	Jorhat
19	Assessment of Pre and Harvest Losses in Tur and Soyabean Crops in Maharashtra.	Pune
20	Assessment of Crop-wise Marketable and marketed surplus of food grains and post harvest losses in Maharashtra.	Pune
21	Problems and prospects of Soyabean cultivation in Maharashtra Problems and prospects of Soyabean cultivation in Maharashtra .	Pune
22	Evaluation of Market Intervention Scheme in Himachal Pradesh.	Shimla
23	Baseline data on area, production and productivity of horticulture crops in Himachal Pradesh.	Shimla
24	Problems and Prospects of Prospects of Production of Oilseeds: Special Reference to Groundnut in Gujarat.	Vallabh Vidyanagar
25	Problems and Prospects of Prospects of Production of Oilseeds in Rajasthan.	Vallabh Vidyanagar
26	Assessment of Crop-wise Marketable and marketed surplus of food grains and post harvest losses in Rajasthan.	Vallabh Vidyanagar
27	Estimation of pre and post harvest losses among selected crops in Gujrat.	Vallabh Vidyanagar
28	Estimation of pre and post harvest losses among selected crops in Rajasthan	Vallabh Vidyanagar
29	Evaluation of Market Intervention Scheme (MIS) and PSS in Rajasthan.	Vallabh Vidyanagar
30	Estimation of pre and post harvest losses among selected crops in West Bengal	Visva Bharati
31	Spread of new varieties of hybrid rice and their impact on the overall production and productivity in West.Bengal.	Visva Bharati
32	Consolidated Spread of new varieties of hybrid Rice and their impact on the overall production and productivity.	Visva Bharati

(Contd.)

2014-15

1	Baseline data on area, Production and productivity of Horticulture crops in North East and Himalayan states (Consolidated report).	ADRTC, Bangalore
2	Problem and Prospect of Sunflower production in Karnataka.	ADRTC, Bangalore
3	Estimation of pre and post harvest losses among selected crops in India (Consolidated report)	ADRTC, Bangalore
4	Rural Diversification in India – the Aspect of Food Security	IEG, Delhi
5	Prosperity of crop diversification in Punjab and Haryana.	IEG, Delhi
6	Evaluation and impact of mechanization on agri. Growth, comparative economics of labour and machinery in Agriculture (Consolidated report).	IEG, Delhi
7	Assessment of the extent of Food Processing in various food sub-sectors	IEG, Delhi
8	Review of Evidence on Farmers Income from secondary sources.	IEG, Delhi
9	Micro irrigation systems: barriers spread and resources conservation.	CMA, Ahmedabad
10	Problem and Prospect of oilseeds production in India	CMA, Ahmedabad
11	Biotechnology in Agriculture, Examining the promise, performances, concerns & Economics	CMA, Ahmedabad
12	Assessment of crop-wise marketable and marketed surplus of food grains and post harvest losses (Consolidated)	CMA, Ahmedabad
13	Adoption of recommended doses of fertilizer on soil test basis by farmers for Rice and Wheat in Uttar Pradesh.	Allahabad
14	Impact of National Food Security Mission (NFSM) on Input use, Production, Productivity and Income for Wheat in Uttar Pradesh.	Allahabad
15	Estimation of pre and post harvest losses of Paddy in Tamil Nadu	Chennai
16	Spread of new varieties of hybrid rice and their impact on the overall production and productivity for Tamil Nadu.	Chennai
17	Possibilities and Constraints in adoption of alternative crops to paddy in Haryana.	Delhi
18	Problems & Prospects of Oilseeds production in Madhya Pradesh.	Jabalpur
19	Impact of National Food Security Mission (NFSM) on Input use, Production, Productivity and Income for Wheat in Madhya Pradesh.	Jabalpur
20	Adoption of recommended doses of fertilizer on soil test basis by farmers for Wheat and Soyabean in Madhya Pradesh.	Jabalpur
21	Relationship between wholesale prices, retail prices, export prices (FOB), prices realized by farmers and details of contributing factors for the price difference for Basmati rice in Punjab.	Ludhiana
22	Adoption of recommended doses of fertilizer on soil test basis by farmers for Wheat and Rice in Punjab.	Ludhiana
23	Impact of diesel/power subsidy withdrawal on production cost of important crops in Punjab.	Ludhiana

(Contd.)

(Contd.)

24	Possibilities and Constraints in Adoption of Alternative Crops to Paddy in Punjab.	Ludhiana
25	Impact of National Food Security Mission (NFSM) on Input use, Production, Productivity and Income for Wheat in Gujarat.	V.V Nagar
26	Adoption of recommended doses of fertilizer on soil test basis by farmers for Cotton and Groundnut in Gujarat.	V.V Nagar
27	Spread of new varieties of hybrid rice and their impact on the overall production and productivity for Andhra Pradesh	Visakhapatnam
28	Impact of MGNREGA on Wage Rates, Food Security and Rural Urban Migration in Odisha.	Visakhapatnam
29	Problems and prospects of oilseeds and oil palm cultivation, potential of bringing it in cost effective manner in Andhra Pradesh	Visakhapatnam
30	Evaluation of Market Intervention Scheme (MIS) in Andhra Pradesh	Visakhapatnam

Appendices

Appendix-I

Explanatory Note

Advance Estimates

The estimates of area, production and yield rates for 2014-15 are “Advance Estimates” as on 17-08-2015 and are based on deliberations held in weekly inter-disciplinary meetings of Crop Weather Watch Group, availability of water in important reservoirs in the country, availability/supply of important inputs including credit to farmers community, feed back received from states etc. These estimates are “advance” in the sense that these have been prepared in advance of availability of results of CCE (Crop Cutting Experiments) and are subject to revision as more precise information flows from states to DES.

Yield

Yield rate is defined as production per unit of area. However, yield rates of various crops given in this publication may not exactly tally with the ratio of production to the corresponding area because figures of area and production of various crops have been generally rounded off in ten thousands.

Principal Crops

Principal Crops as referred to in this publication include only those crops which are covered for preparation of index numbers. The details of these crops are given in Appendix II.

Estimation Procedure for Non-Availability of Data for 2014-15

The index numbers of area, production and yield rate for 2014-15 (from where growth rates have been derived) are based on advance estimates of principal crops as on 17-08-2015. However, there are a number of 'non-forecast' crops such as plantation crops and spices for which no advance estimates for 2014-15 (or for that matter any year) are prepared. In such cases, the estimates of area and production for the previous years are repeated for the purpose of index numbers.

Nine Oilseeds

Wherever "Nine oilseeds" is mentioned in this publication, it includes Castor seed, Groundnut, Linseed, Nigerseed, Safflower, Sesamum, Soyabean, Sunflower and Rapeseed & Mustard.

Total Oilseeds

Total oilseeds include cottonseed and coconut besides nine oilseeds mentioned in the above paragraph.

Net Availability of Foodgrains

The Net availability of foodgrains is defined as, where

$$NAF = GP - SFW - e + i + s$$

NAF = Net availability of Foodgrains

GP = Gross Production of Foodgrains

SFW = Seed, feed and wastages of Foodgrains

e = Exports of Foodgrains

i = Imports of Foodgrains

s = Change in Stocks of Foodgrains

To work out per capita net availability of foodgrains in terms of kg. per year, NAF is divided by the estimated population for a particular year. When this is further divided by the number of days in a year i.e. 365 days, it gives net availability of foodgrains per day.

Appendix-II

Methodology of Index Numbers of Area, Production and Yield

Base Year

The Directorate of Economics and Statistics (DES) had adopted Triennium Ending (T.E.) 1981-82 as base year for the purpose of Index Numbers of Area, Production and Yield in Agriculture until 1999-2000. In 2000-2001, it was decided to adopt T.E. 1993-94 as a way of updating the base to a recent year and keep it in harmony with the other series of indices such as Index of Industrial Production, Wholesale Price Index and the series of National Accounts Statistics. Since area and production in agriculture can fluctuate a great deal from year to year, the average of area/ production over the TE 1993-94 was taken as the base year.

It was observed that the base year 1993-94 currently in use for construction of index numbers of Area, Production and Yield of crops has become outdated and stressed on the need for updating of the base year at regular intervals preferably in consonance with the base year revisions of other important indices.

As the period 2005-06 to 2007-08 remained normal from agriculture point of view and the price data available with CSO was for the year 2006-07 which could be used as mid period price for assessment of contribution in value terms for preparation of weighting diagram, it has been considered appropriate to take more recent base, i.e., (TE 2007-08 = 100) as the base for agricultural indices.

Weighting Diagram

The weight of a commodity for the production index is taken as the average production of the commodity in the TE 2007-08 and the national average price of the commodity during 2006-07 as obtained from the National Accounts Statistics. This has been done to fix the base production at its average level by eliminating the cyclical variation and to evaluate the production with the same price for all states in view of wide variations observed in the state prices.

Methodology

- Let
- a_{ij} - the area under i^{th} crop in the j^{th} year.
 - a_{io} - the area under i^{th} crop in base year period.
 - p_{ij} - production of i^{th} crop in the j^{th} year.
 - p_{io} - production of i^{th} crop in base year period.
 - w_i - weight of i^{th} crop.

For the the year j , individual crop indices are calculated as below :

$$(a) \text{ Index number of area} = \frac{a_{ij}}{a_{io}} \times 100 = IA_{ij}$$

$$(b) \text{ Index number of production} = \frac{p_{ij}}{p_{io}} \times 100 = IP_i^j$$

$$(c) \text{ Index number of yield} = \frac{IP_{ij}}{IA_{ij}} \times 100$$

For any sub-group G of commodities, the indices for the year j are calculated as below:

$$(a) \text{ Index number of area} = \frac{\sum w_i IA_{ij}}{\sum w_i}$$

$$(b) \text{ Index number of production} = \frac{\sum w_i IP_{ij}}{\sum w_i}$$

$$(c) \text{ Index number of yield} = \frac{\text{Index number of production} \times 100}{\text{Index number of area}}$$

Appendix-III

Glossary of English, Botanical and Hindi Names of Important Crops

Crop/Group of Crops	English	Botanical	Hindi
(1)	(2)	(3)	(4)
Cereals	Bara(Bulrush or spiked millet)	Pennisetum Typhoides	Bajra
	Barley	Hordeum vulgare	Jau
	Barnyard millet	Echinochloa frumentacea	Kutki
	Cholam(Great Millet)	Sorghum bicolor	Jowar
	Common Millet	Panicum milliaceum	Cheena
	Little Millet	Penicum milliare	Sawan
	Italian foxtail Millet	Setarisaitalica	Kangani
	Kodo Millet	Paspalum scrobiculatum	Koden
	Maize or Indian corn	Zea mays	Makka
	Oat	Avena sativa	Jaie
	Ragi	Eleusine coracana	Mundua
	Paddy (Rice)	Oryza sativa	Dhan (Chawal)
Pulses and Beans	Wheat	Triticum aestivum	Gehun
	Black gram	Vignamungo	Urad
	Chickpea (Bengal gram)	Cicer arietinum	Chana
	Chickling vetch	Lathyrus sativus	Khesari
	Cluster Bean	Cyamopiss tetragonoloba	Guar
	Cowpea	Vigna unguiculate	Lobia
	Green Gram	Vigna radiata	Mung
	Horsegram	Dilichos biflorus	Kulthi
	Kidney bean	Vigna aconitifolia	Moth
	Lentil	Lens culmaris	Masur
	Peas	Pisum sativum vararvense	Matar
	Red gram (Pigion pea)	Cajanus cajan	Tur,Arhar
Sugar	Soyabean	Glucine max	Soyabean
	Sugarcane	Saccharum Officinarum	Ganna

(Contd.)

Appendix-III : (Contd.)

Crop/Group of Crops	English	Botanical	Hindi
(1)	(2)	(3)	(4)
Fruits	Apple	<i>Malus sylvestris</i>	Seb
	Apricot	<i>Prunus armeniaca</i>	Khoobani
	Cashewnut	<i>Anacardium occidentale</i>	Kaju
	Fig	<i>Ficus carica</i>	Anjeer
	Grape	<i>Vitis vinifera</i>	Angur
	Guvava	<i>Psidium guajava</i>	Amrood
	Jackfruit	<i>Artocarpus heterophyllus</i>	Katahal
	Lemon	<i>Citrus Lemon</i>	Nimbu
	Lime	<i>Citrus Urandifolia</i>	Bara Nimbu
	Litchi	<i>Litchi chinensis</i>	Litchi
	Mango	<i>Mangifera indica</i>	Aam
	Orange Mandar	<i>Citrus reticulata</i>	Santara, Narangi
	Papaya	<i>Carica papaya</i>	Papeeta
	Pear	<i>Pyrus communis</i>	Naspati
	Pineapple	<i>Ananas comosus</i>	Ananas
	Banana	<i>Musa paradisiaca</i>	Kela
	Pomegranate	<i>Punica granatum</i>	Anaar
	Sweet Orange	<i>Citrus sincensis</i>	Malta, Mosambi
Vegetables	Ash gourd	<i>Benincasa hispida</i>	Petha
	Beet	<i>Beta vulgaris</i>	Chukandar
	Bitter gourd	<i>Momordica charantia</i>	Karela
	Bottle gourd	<i>Lagenaria siceraria</i>	Lauki
	Brinjal	<i>Solanum melongena</i>	Baingan
	Cabbage	<i>Brassica oleracea</i> var, Capitata	Band gobi
	Carrot	<i>Daucus carota</i>	Gajar
	Cauliflower	<i>Brassica oleracea</i> var Botrytis	Phul gobi
	Cowpea	<i>Vigna unguiculata</i>	Lobia
	Cucumber	<i>Cucumis sativus</i>	Kheera
	French bean	<i>Phaseolus vulgaris</i>	Faras bean
	Indian flat bean or sem	<i>Dolichos lablab</i>	Sem
	Kaol Khol	<i>Brassica oleracea</i> var, Gongylodes	Ganth gobi
	Lady's finger	<i>Abelmoschus esculentus</i>	Bhindi
	Little gourd	<i>Cucurbita cordifolia</i>	Kundur
	Musk melon	<i>Cucumis melo</i>	Kharbooza
	Onion	<i>Allium cepa</i>	Piyaz
	Pointed gourd	<i>Trichosanthes dioica</i>	Parwal, Potal
	Potato	<i>Solanum tuberosum</i>	Aaloo
	Pumpkin	<i>Curcubita moschata</i>	Sitaphal, Lal Kaddu, Kumbhra
	Radish	<i>Raphanus sativus</i>	Muli
	Round gourd of India	<i>Citrullus vulgaris</i> var, fistulosus	Tinda
	Snap melon	<i>Cucumis melo</i> var, momordica	Phoot
	Snake gourd	<i>Trichosanthes anguina</i>	Chachinda

(Contd.)

(Contd.)

Crop/Group of Crops	English	Botanical	Hindi
(1)	(2)	(3)	(4)
	Tomato	Lycopersicon esculentum	Tamatar
	Turnip	Brassica rapa	Shalgam
	Water melon	Citrullus vulgaris	Tarbooz
Drugs and Narcotics			
	Betal Leaf		Paan
	Betalnut(arecanut)	Areca catechu	Supari
	Indian hemp	Cannabis sativa	Bhang
	Opium	Papaver somniferum	Afeem
	Tobacco	Nicotiana tabacum and Nicotiana rustica	Tambaku
Condiments and Spices			
	Black pepper	Piper nigrum	Kalimirsch
	Cardamom, Cardamum (lesser)	Elettaria cardamomum	Chhoti Ilaichi
	Chillies	Capsicum annum	Lalmirsch

Appendix-IV
Crop Calendar of Major Crops

States/UTs	Period	Kharif Paddy	Rabi Paddy	Summer Paddy	Kharif Bajra	Summer Bajra	Rabi Wheat
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Andhra Pradesh	Sowing	May-June	Nov-Dec	March-April	Jun(B)-Jul(M)		
	Harvesting	Nov-Dec	Mar-April	July-Aug.	Sept(B)-Oct(B)		
Assam	Sowing	Feb-March	June-July	Nov-Dec			Nov(B)-Dec(M)
	Harvesting	June-July	Nov-Dec	May-June			Mar(E)-Apr(E)
Bihar	Sowing	Jun-Aug.	Oct-Nov	Feb.-March			Nov(B)-Dec(E)
	Harvesting	Sep-Nov	April-May	July-Aug.			Mar(E)-Apr(E)
Goa	Sowing	May-June					
	Harvesting	Sept-Oct.					
Gujarat	Sowing	June-July			Jun(B)-Jul(E)	Feb(B)-Feb(E)	Nov(B)-Dec(B)
	Harvesting	Oct-Nov			Sep(B)-Nov(E)	May(B)-May(E)	Feb(E)-Mar(E)
Haryana	Sowing	June-July			Jun(M)-Jul(B)		Oct(E)-Dec(E)
	Harvesting	Sept-Oct.			Oct(M)-Nov(M)		Apr(M)
Himachal Pradesh	Sowing	May-June					Oct(B)-Dec(E)
	Harvesting	October					Apr(M)-Jun(E)
Jammu & Kashmir	Sowing	April-May					Oct(B)-Dec(E)
	Harvesting	Sept-Oct.					Apr(E)-Jun(E)
Karnataka	Sowing	May-June	Sept-Oct.	Jan.-Feb.	Jul(B)-Aug(E)	Jan(B)-Feb(E)	Oct(M)-Nov(E)
	Harvesting	Sept-Oct.	Jan.-Feb	May-June	Oct(B)-Nov(E)	Apr(B)-May(E)	Feb(B)-Mar(E)
Kerala	Sowing	April-May	Sept-Oct.	Dec-Jan.			

(Contd.)

Appendix IV (Contd.)

States/UTs	Period	Kharif Paddy	Rabi Paddy	Summer Paddy	Kharif Bajra	Summer Bajra	Rabi Wheat
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Harvesting	Sept-Oct.	Dec-Jan.	March-April			
Madhya Pradesh	Sowing	June-July			Jun(M)-Jul(E)		Oct(M)-Dec(E)
	Harvesting	Oct-Nov			Sep(E)-Dec(M)		Feb(E)-Apr(M)
Maharashtra	Sowing	June-July			Jun(B)-Jul(E)		Oct(M)-Nov(E)
	Harvesting	Oct-Nov			Sep(B)-Oct(E)		Feb(B)-Mar(E)
Odisha	Sowing	May-June	June-July	Dec-Jan.	Jun-Jul		Oct-Nov
	Harvesting	Sept-Oct.	Nov-Dec	April-May	Sep-Oct		Mar-Apr
Punjab	Sowing	May-July					Oct(E)-Dec(E)
	Harvesting	Oct-Nov					Apr(M)-May(B)
Rajasthan	Sowing	June-July			Jun(B)-Jul(E)		Oct(E)-Dec(M)
	Harvesting	Oct-Nov			Sep(B)-Oct(E)		Mar(B)-April(E)
Uttar Pradesh	Sowing	June-July	Nov-Dec		Jun(B)-Jul(E)		Oct(E)-Dec(E)
	Harvesting	Oct-Nov	April-May		Oct(B)-Nov(M)		Apr(B)-Apr(E)
West Bengal	Sowing	April-July		Nov-Dec			Nov(B)-Dec(E)
	Harvesting	Aug-Nov		April-May			Mar(E)-Apr(E)
All India	Sowing	May-Aug	Dec-Jan.		Jun-Jul	Jan-Feb	Oct-Dec
	Harvesting	Sep-Jan	April-May		Sep-Nov	Apr-May	Feb-Jun

(Contd.)

Appendix-IV (contd.)

States	Period	Early duration Arhar/Tur	Mid early duration Arhar/Tur	Medium duration Arhar/Tur	Long duration Arhar/Tur
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	Sowing	June (M)-June (E)	July (B)-July (M)	July (B)-July (M)	-
	Harvesting	Nov (M)- Nov (E)	Dec (M)-Dec(E)	Jan (B) - Jan (M)	-
Karnataka	Sowing	June (M)-June (E)	July (B)-July (M)	July (B)-July (M)	-
	Harvesting	Nov (M)- Nov (E)	Dec (M)-Dec(E)	Jan (B) - Jan (M)	-
Maharashtra	Sowing	June (M)-June (E)	July (B)-July (M)	July (B)-July (M)	-
	Harvesting	Nov (M)- Nov (E)	Dec (M)-Dec(E)	Jan (B) - Jan (M)	-
Rajasthan	Sowing	June (B)-June (M)	-	-	-
	Harvesting	Nov (B)-Nov (M)	-	-	-
Uttar Pradesh	Sowing	June (B)-June (M)	-	-	Jul (B)-July(M)
	Harvesting	Nov. (B) – Nov (M)	-	-	April (B)-April (M)
Tamil Nadu	Sowing	June (B)-June (M)	July (B)-July (M)	July (B)-July (M)	-
	Harvesting	Nov. (B)- Nov (M)	Dec (M)-Dec(E)	Jan (B) - Jan (M)	-
Gujarat	Sowing	June (M)-June (E)	July (B)-July (M)	July (B)-July (M)	-
	Harvesting	Nov (M) - Nov(E)	Dec(M)-Dec (E)	Jan (B) - Jan (M)	-
Bihar	Sowing	June (B)-June (M)	-	-	Jul (B)-July(M)
	Harvesting	Nov. (B) – Nov (M)	-	-	April (M)-April (E)
Madhya Pradesh	Sowing	June (M)-June (E)	June (M)-July (M)	July (B)-July (M)	-
	Harvesting	Nov (M)-Nov (M)	Nov (E)-Dec(E)	Jan (B) - Jan (M)	-
Uttarakhand	Sowing	June (B)-June (M)	-	-	-
	Harvesting	Nov. (M)- Nov(E)	-	-	-
Odisha	Sowing	June (B)-June (M)	-	June (E)-July (M)	-
	Harvesting	Nov. (M)- Nov(E)	-	Jan (B) - Jan (M)	-
Haryana	Sowing	June(B)-June (M)	-	-	-
	Harvesting	Oct (M)- Oct(E)	-	-	-
Punjab	Sowing	June(B)-June (M)	-	-	-
	Harvesting	Oct (M)- Oct(E)	-	-	-
Jharkhand	Sowing	June(B)-June (M)	-	June (E)-July (M)	July (B)- July (M)
	Harvesting	Nov (M)- Nov(E)	-	Jan (B) - Jan (M)	March(M)-April(B)
Chhattisgarh	Sowing	June(B)-June (M)	-	June (E)-July (M)	-
	Harvesting	Nov(B)-Nov (M)	-	Dec (E) - Jan (M)	-
Tripura	Sowing	June(B)-June (M)	-	-	-
	Harvesting	Nov. (B)- Nov(M)	-	-	-
Nagaland	Sowing	June(B)-June (M)	-	-	-
	Harvesting	Nov (B)- Nov(M)	-	-	-
All India	Sowing	June(B)-June (M)	July(B)-July (M)	July (B)- July (M)	July (B)- July (M)
	Harvesting	Nov (B)- Nov(M)	Dec(M)-Dec (E)	Jan(B)-Dec (M)	April(M)-April(E)

(Contd.)

Appendix IV (Contd.)

States/Uts	Period	Kharif Mungbean/ Urdbean	Rabi Mungbean/ Urdbean	Spring/Summer Mungbean/ Urdbean	Horsegram Kharif	Chickpea rabi
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	Sowing Harvesting	Jun(M) –Jul(E) Sept(M) –Oct(M)	Oct(B)-Nov(B) Jan(B)-Feb(B)	Jan(B)-Feb(B) Mar(B)-April(M)		Nov(B)-Nov(E) Feb(M)-Mar(B)
Assam	Sowing Harvesting	July(B) – Aug(E) Sep(M)-Oct(E)	Aug(B)-Sep(M) Nov(B) –Dec(M)	Feb(E)-Mar(M) May(B)-May(M)		Oct. (M) – Nov. (M) March (B) – March (E)
Bihar	Sowing Harvesting	July(B) – Aug(E) Sep(M)-Oct(E)		Feb(E)-April(B) May(B)-June(M)	Aug (M)-Aug(E) Oct(E)-Nov(B)	Oct. (M) – Nov. (M) March (B) – March (E)
Chhattisgarh	Sowing Harvesting	Jun-Jul Sep-Sep				Oct. (B) – Oct. (E) Feb. (E) – March (E)
Gujarat	Sowing Harvesting	July(B) – Aug(E) Sep(M)-Oct(E)				Oct. (B) – Nov. (M) Feb. (M) – March (E)
Haryana	Sowing Harvesting	July(B) – Aug(E) Sep(M)-Oct(E)		Feb(E)-April(B) May(B)-June(M)		Oct. (M) – Nov. (E) March (M) – April (B)
Jharkhand	Sowing Harvesting	Jul(B)-Aug(E) Sep(M)-Oct(E)		Feb(E)-April(B) May(B)-June(M)		Oct(M) – Nov(M) Mar(M) – Apr(M)
Karnataka	Sowing Harvesting	Jun(M) –Jul(E) Sept(M) –Oct(M)	Oct(B)-Nov(B) Jan(B)-Feb(B)	Jan(B)-Feb(B) Mar(B)-April(M)	Aug (E) Oct(M)-Nov(B)	Oct(B) – Nov(E) Jan. (M) – Feb. (E)
Kerala	Sowing Harvesting	Jun(M) –Jul(E) Sept(M) –Oct(M)		Jan(B)-Feb(B) Mar(B)-April(M)		
Madhya Pradesh	Sowing Harvesting	Jun(M) –Jul(E) Sept(M) –Oct(M)			August (E) Oct (E)	Oct. (B) – Nov. (B) Feb. (M) – March (E)
Maharashtra	Sowing Harvesting	Jun(M) –Jul(E) Sept(M) –Oct(M)			Jul(M) Oct(M)	Sept (E) – Oct. (E) Feb. (M) – March (E)
Odisha	Sowing Harvesting	Jun(M) –Jul(E) Sept(M) –Oct(M)	Oct(B)-Nov(B) Jan(B)-Feb(B)	Jan(B)-Feb(B) Mar(B)-April(M)		

(Contd.)

Appendix IV (Contd.)

Punjab	Sowing Harvesting	July(B) – Aug(E) Sep(M)-Oct(E)	Feb(E)-Mar(M) May(B)-May(M)	Oct. (M) – Nov. (E) March (M) – April (E)
Rajasthan	Sowing Harvesting	July(B) – Aug(E) Sep(M)-Oct(E)	Jul (M) Oct (M)	
Tripura	Sowing Harvesting	July(B) – Aug(E) Sep(M)-Oct(E)	Feb(E)-April(B) May(B)-June(M)	
Tamil Nadu	Sowing Harvesting	Jun(M) –Jul(E) Sept(M) –Oct(M)	Feb(E)-April(B) May(B)-June(M)	Oct (E) Feb(B)
Uttar Pradesh	Sowing Harvesting	July(B) – Aug(E) Sep(M)-Oct(E)	Feb(E)-April(B) May(B)-June(M)	Oct. (M) – Nov. (E) March (M) – April (E)
West Bengal	Sowing Harvesting	July(B) – Aug(E) Sep(M)-Oct(E)	Feb(E)-April(B) May(B)-June(M)	Oct. (M) – Nov. (E) March (B) – March (E)
Himachal Pradesh	Sowing Harvesting	July(B) – Aug(E) Sep(M)-Oct(E)	-	Jun(M)-Jul(E) Sep(E)-Oct(M)
Manipur	Sowing Harvesting			Sept– Oct Mar – Apr
Meghalaya	Sowing Harvesting			Sep(B)-Oct(E) Dec(B)-Jan(E)

(Contd.)

Appendix IV (Contd.)

State (1)	Period (2)	Kharif-Soybean (3)	Niger(Kharif) (4)	Niger(Late Kharif) (5)
Madhya Pradesh	Sowing	June(M)- July(M)	June(M) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- October(B)	Oct(B)- Nov(M)	Nov(B)-Dec(B)
Maharashtra	Sowing	June(M)- July(M)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(B)	Oct(B)- Nov(M)	Nov(B)-Dec(B)
Rajasthan	Sowing	June(E)- July(M)		
	Harvesting	Sept(E)- October(B)		
Karnataka	Sowing	June(M) – July(B)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(B)	Oct(B)- Nov(M)	Nov(B)-Dec(B)
Andhra Pradesh	Sowing	June(M)- July(M)	June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting	Sept(E)- Oct(B)	Oct(B)- Nov(M)	Nov(B)-Dec(B)
Chhattisgarh	Sowing	June(M)- July(M)		
	Harvesting	Sept(E)- October(B)		
Uttar Pradesh	Sowing	June(E)- July(M)		
	Harvesting	Sept(E)- October(B)		
Manipur	Sowing	June- July		
	Harvesting	Sept(E)- October(B)		
Meghalaya	Sowing	June - July		
	Harvesting	Sept(E)- October(B)		
West Bengal	Sowing	June - July		
	Harvesting		Sept(E)- October(B)	
Odisha	Sowing		June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting		Oct(B)- Nov(M)	Nov(B)-Dec(B)
Bihar/ Jharkhand	Sowing		June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting		Oct(B)- Nov(M)	Nov(B)-Dec(B)
Gujarat	Sowing		June(B) – July(E)	Aug(B)- Sept(B)
	Harvesting		Oct(B)- Nov(M)	Nov(B)-Dec(B)

(Contd.)

Appendix IV (Contd.)

States/Uts	Period	Rabi Gram	Rabi Masur	Kharif Pulses/Lentil	Rabi Pulses/Lentil	Rabi Pea
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Assam	Sowing Harvesting				Oct(M) – Nov(M) Mar(M)–Apr(M)	Oct(M) – Nov(M) Mar(M)–April(M)
Bihar	Sowing Harvesting			Jun(M)-Jul(B) Nov(B)-Dec(E)	Oct(M) – Nov(M) Mar(M)-Apr(M)	Oct(M) – Nov(M) Mar(M)-April(M)
Chhattisgarh					Oct(M) – Nov(M) Mar(M)-Apr(M)	Oct(M) – Nov(M) Mar(M)-Apr(M)
Goa	Sowing Harvesting			Aug(B)-Sep(E) Nov(B)-Dec(E)	Dec(B)-Jan(E) Mar(B)-Mayu(E)	
Jharkhand	Sowing Harvesting				Oct(M) – Nov(M) Mar(M)-Apr(M)	Oct(M) – Nov(M) Mar(M)-Apr(M)
Rajasthan	Sowing Harvesting				Oct(E) – Nov(M) Mar(B)-Apr(M)	Oct(E) – Nov(M) Mar(B)-Apr(M)
Tripura	Sowing Harvesting				Oct(E) – Nov(M) Mar(B)-Apr(M)	Oct(E) – Nov(M) Mar(B)-Apr(M)
Gujarat	Sowing Harvesting	Oct(B)-Nov(E) Feb(B)-Mar(E)			Oct(M) – Nov(M) Mar(M)-Apr(M)	Oct(M) – Nov(M) Mar(M)-Apr(M)
Haryana	Sowing Harvesting	Oct(B)-Oct(M) Mar(M)-Mar(E)			Oct(M) – Nov(M) Mar(M)-Apr(M)	Oct(M) – Nov(M) Mar(M)-Apr(M)
Karnataka	Sowing Harvesting	Oct(B)-Nov(E) Jan(B)-Mar(E)			Oct(M) – Nov(M) Mar(M)-Apr(M)	Oct(M) – Nov(M) Mar(M)-Apr(M)
Madhya Pradesh	Sowing Harvesting	Oct(B)-Dec(B) Feb(B)-Apr(B)	Sep(M)-Nov(E) Feb(M)-Apr(B)		Oct(E) – Nov(M) Mar(B)-Apr(M)	Oct(E) – Nov(M) Mar(B)-Apr(M)

(Contd.)

Appendix IV (Contd.)

States / Uts	Period	Rabi Gram	Rabi Masur	Kharif Pulses/Lentil	Rabi Pulses/Lentil	Rabi Pea
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Maharashtra	Sowing Harvesting	Sep(B)-Oct(E) Feb(B)-Mar(E)				
Manipur	Sowing Harvesting	Sep-Oct Mar-Apr				
Meghalaya	Sowing Harvesting	Sep(B)-Oct(E) Dec(B)-Jan(E)		Sep(B)-Oct(E) Feb(B)-Mar(E)		
Punjab	Sowing Harvesting			Jun(B)-Jul(E)	Oct. - Nov. March-April	Oct. - Nov. March-April
Uttar Pradesh	Sowing Harvesting	Oct(B)-Nov(E) Mar(B)-Apr(E)	Oct(B)-Nov(E) Mar(B)-Mar(E)		Oct(M) - Nov(M) Mar(M)-Apr(M)	Oct(M) - Nov(M) Mar(M)-Apr(M)
West Bengal	Sowing Harvesting	Nov(M)-Dec(B) Mar(B)-Mar(E)		Nov(B)-Nov(E) Feb(B)-Mar(E)	Oct(M) - Nov(M) Mar(M)-Apr(M)	Oct(M) - Nov(M) Mar(M)-Apr(M)

(Contd.)

Appendix IV (Contd.)

States	Period	Groundnut		
		<i>Kharif</i>	<i>Rabi</i>	<i>Summer/ Spring</i>
(1)	(2)	(3)	(4)	(5)
Andhra Pradesh	Sowing	Jun(B)-Aug(B)	Nov(M)-Jan(E)	
	Harvesting	Oct(B)-Nov(E)	Feb(E)-May(B)	
Assam	Sowing		July(B)-Aug(E)	
	Harvesting		Nov(B)-Dec(E)	
Bihar	Sowing			
	Harvesting			
Chhattisgarh	Sowing	Jun(M)-Jul(E)		
	Harvesting	Sep(M)-Dec(E)		
Gujarat	Sowing	Jun(B)-July(E)		Jan(B)-Feb(E)
	Harvesting	Sep(B)-Nov(E)		Apr(B)May(E)
Haryana	Sowing			
	Harvesting			
Jammu & Kashmir	Sowing			
	Harvesting			
Jharkhand	Sowing	Jun(M)-Aug(B)		
	Harvesting	Oct(B)-Nov(E)		
Karnataka	Sowing	Jun(B)-Jul(E)	Nov(M)-Jan(E)	Dec(B)-Jan(E)
	Harvesting	Sep(B) – Oct(E)	Feb(E)-May(B)	Mar(B)-Apr(E)
Madhya Pradesh	Harvesting	Jun(M)-July(E) Sep(M)-Dec-(E)		
Maharashtra	Sowing	Jun(E)-Jul(E)		Jan(B)-Feb(E)
	Harvesting	Oct(B)-Nov(B)		Apr(B)May(E)
Odisha	Sowing	Jul(B)-Jul(E)	Dec(M)-Jan(B)	
	Harvesting	Oct(E)-Nov(B)	Apr(B)-Apr(E)	
Punjab	Sowing	May(B)-Jun(E)		
	Harvesting	Oct(B)-Nov(E)		
Manipur	Sowing	May(B)-Jun(E)		
	Harvesting	Oct(B)-Nov(E)		
Rajasthan	Sowing	Jun(B)-Jul(E)		
	Harvesting	Oct(B)-Nov(E)		
Tamil Nadu	Sowing	Jun(B)-Jul(B)	Sep(E)-Oct(B)	Jan(B)-Feb(E)
	Harvesting	Sep(B)-Oct(B)	Jan(B)	Apr(B)-May(E)
Uttar Pradesh	Sowing	Jul(B)-jul(E)		
	Harvesting	Oct(B)-Nov(B)		
West Bengal	Sowing	Jun(E)-jul(B)	Oct(E)-Nov(B)	Feb(B)-Mar(E)
	Harvesting	Sep(E)-Oct(B)	Jan(E)-Mar(B)	May(B)-Jun(E)
Puducherry	Sowing	Jun(B)-Jul(E)	Dec(B)-Jan(E)	
	Harvesting	Sep(B)-Oct(E)	Mar(B)-Apr(E)	
All India	Sowing	Jun-Jul	Nov-Jan	Jan-Feb
	Harvesting	Oct-Nov	Feb-May	Apr-May

(Contd.)

Appendix IV (Contd.)

States	Period	Rabi linseed
(1)	(2)	(3)
Assam	Sowing	Oct (B) - Nov (B)
	Harvesting	Mar (B) – Apr (E)
Andhra Pradesh	Sowing	Oct (B)- Oct (E)
	Harvesting	Feb (E)-Mar (E)
Bihar	Sowing	Oct (B)- Nov (B)
	Harvesting	Mar (B)- Apr (E)
Madhya Pradesh	Sowing	Oct (B)- Nov (M)
	Harvesting	Mar (B)-Mar (E)
Chhattisgarh	Sowing	Oct (B)- Nov (M)
	Harvesting	Mar (B)-Mar (E)
Maharashtra	Sowing	Oct (B)-Oct (E)
	Harvesting	Mar (B)-Mar (E)
Uttar Pradesh	Sowing	Oct (B) - Nov (B)
	Harvesting	Mar (B) – Apr (E)
Odisha	Sowing	Oct (B)-Oct (E)
	Harvesting	Mar (B)-Mar (E)
Jharkhand	Sowing	Oct (B) - Nov (B)
	Harvesting	Mar (B) – Apr (E)
Karnataka	Sowing	Oct (B)-Oct (E)
	Harvesting	Feb (B)-Mar (M)
Nagaland	Sowing	Oct (B)- Nov (B)
	Harvesting	Mar (B) – Apr (E)
West Bengal	Sowing	Oct (B) - Nov (B)
	Harvesting	Mar (B) – Apr (M)
Rajasthan	Sowing	Oct (B)-Oct (E)
	Harvesting	Mar (B)-Mar(E)
Himachal Pradesh	Sowing	Oct (B)- Nov(B)
	Harvesting	Apr (E) –May (M)
Jammu & Kashmir	Sowing	Oct (B)- Nov (B)
	Harvesting	Apr (E) – May (M)
Punjab	Sowing	Oct (M) –Nov (M)
	Harvesting	Mar (E) – Apr (E)

(Contd.)

Appendix IV (Contd.)

States	Period	Sesame			
		Kharif	Pre Rabi	Rabi	Summer
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	Sowing	June (B)-July (E)	Aug (B)- Sept (M)		Jan (M)- Feb (E)
	Harvesting	Oct (M)- Nov (M)	Dec (E)- Jan (M)		Apr (M)-May (E)
Karnataka	Sowing	June (B)-July (E)			
	Harvesting	Oct (M)- Nov (M)			
Kerala	Sowing	June (B)-July (E)			Jan (M)-Feb (E)
	Harvesting	Oct (M)- Nov (M)			Apr (M)-May (E)
Madhya Pradesh	Sowing	June (B)-July (E)	Aug (B)- Sept (M)		
	Harvesting	Oct (M)- Nov (M)	Dec (E)- Jan (M)		
Maharashtra	Sowing	June (B)-July (E)	Aug (B)- Sept (M)		Jan (M)- Feb (E)
	Harvesting	Oct (M)- Nov (M)	Dec (E)- Jan (M)		Apr (M)-May (E)
Odisha	Sowing	June (B)-July (E)		Oct (B)-Nov (M)	Jan (M)- Feb (E)
	Harvesting	Oct (M)- Nov (M)		Feb (M)- Mar (E)	May (M)-June (M)
Rajasthan	Sowing	June (B)-July (E)			
	Harvesting	Oct (M)- Nov (M)			
Uttar Pradesh	Sowing	June (B)-July (E)			Feb.- March
	Harvesting	Oct (M)- Nov (M)			May (M)-Jun (M)
West Bengal	Sowing				Feb (M)-Mar (M)
	Harvesting				May (M)-June (M)
Gujarat	Sowing	June-July			Feb.- March
	Harvesting	Oct- Nov			May -June
Tamil Nadu	Sowing	June-July	Aug (B)- Sept (M)	Oct (B)-Nov (M)	Jan.- Feb
	Harvesting	Oct- Nov	Dec (E)- Jan (M)	Feb (M)- Mar (E)	May (M)-June (M)
All India	Sowing	Jun-July	Aug (B)- Sept (M)	Oct (B)-Nov (M)	Jan.- March
	Harvesting	Sep-Nov	Dec (E)- Jan (M)	Feb (M)- Mar (E)	May -June

(Contd.)

Appendix IV (Contd.)

States	Period	Sunflower		Summer/ Spring		Safflower	
		Kharif	Rabi			Castor	
(1)	(2)	(3)	(4)	(5)		(6)	(7)
Andhra Pradesh	Sowing Harvesting	Jun(B)-Aug(E) Sep - Nov	Oct Jan			Jun-Jul Dec-Jan	October Feb
Assam	Sowing Harvesting						
Bihar	Sowing Harvesting		Dec-Jan Apr-May				
Chhattisgarh	Sowing Harvesting					Jul Feb	
Gujarat	Sowing Harvesting					Jul-Aug Jan-Feb	
Haryana	Sowing Harvesting			Feb-Mar May		Jul-Aug Jan-Feb	
Jammu & Kashmir	Sowing Harvesting						
Jharkhand	Sowing Harvesting						
Karnataka	Sowing Harvesting	Jun(B)-Aug(E) Sep - Nov	Oct Jan	Dec-Jan Mar-Apr		Jul-Aug Nov-Dec	October Feb
Madhya Pradesh	Sowing Harvesting						
Maharashtra	Sowing Harvesting	Jul(B)-Aug(E) Oct - Nov	Oct Jan			Jun-Jul Dec-Jan	Sep-Oct Jan-Feb
Odisha	Sowing Harvesting					Jun-Jul Dec-Jan	

(Contd.)

Appendix IV (Contd.)

States	Period	Sunflower		Summer/ Spring	Castor	Safflower
		Kharif	Rabi			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Punjab	Sowing Harvesting			Feb Apr-May		
Rajasthan	Sowing				Jul-Aug	
	Harvesting				Jan-Feb	
Tamil Nadu	Sowing	Jun(B)-Aug(E)	Oct		Jun-Jul	
	Harvesting	Sep - Nov	Jan		Dec-Jan	
Uttar Pradesh	Sowing					
	Harvesting					
West Bengal	Sowing			Feb		
	Harvesting			Apr-May		
All India	Sowing	Jun-Aug	Oct	Feb	Jul-Aug	October
	Harvesting	Sep-Nov	Jan	Apr-May	Jan-Feb	Feb

(Contd.)

Appendix IV (Contd.)

State	Rapeseed-Mustard	Sowing Time	Harvesting Time
(1)	(2)	(3)	(4)
Andhra Pradesh	Mustard/ Banarasi rai	Nov (L)- Dec (E)	Feb-March
Assam	Toria	Nov (L) - Dec (E)	Feb-March
Bihar	Mustard	Oct (L) - Nov (L)	Feb-March
	Toria	Sep (L)- Oct(E)	Jan-Feb
	Yellow Sarson	Oct (E)	Feb-March
Chhattisgarh	Mustard	Oct (E)- Nov(E)	March
	Toria	Sep (L)	Dec-Jan
Delhi	Mustard	Oct (L)- Nov(E)	Feb-March
	Toria	Sep (L)	Jan
	Taramira	Nov(E)	March
Gujarat	Mustard	Oct(L)	Feb-March
	Yellow Sarson	Oct (L)	Feb
Haryana	Mustard	Within Oct	Feb-March
	Toria	Sep (L)	Dec-Jan
	Taramira	Nov(E)	March
Himachal Pradesh	Mustard	Oct (L)- Nov (L)	March-April
	Brown Sarson	Within Oct	April
	Gobhi Sarson	Oct (L) - Nov (L)	April
Jammu & Kashmir	Mustard	Oct(L)- Nov (E)	March-April
	Brown sarson	Within Oct	April-May
Jharkhand	Mustard	Oct (L)	March
	Toria	Oct (E)	Feb-March
	Yellow Sarson	Oct (E)	Feb-March
Karnataka	Mustard	Within Oct	Feb
Madhya Pradesh	Mustard	Within Oct	Feb-March
	Toria	Sep (L)	Dec-Jan
Manipur	Mustard	Within Nov	March
	Toria	Oct (E)	Feb-March
Maharashtra	Mustard	Oct (L)- Nov (E)	Feb-March
Odisha	Mustard	Oct (L) - Nov (L)	Feb-March
	Toria	Oct (E)	Feb
	Yellow Sarson	Oct (E)	Feb-March
Punjab	Mustard	Oct (L)- Nov (L)	March- April
	Toria	Sep (L)	Dec-Jan
	Taramira	Nov (E)	March
	Gobhi Sarson	Oct (L)- Nov (L)	March-April
	Karan rai	Oct (L)- Nov (L)	March-April
Rajasthan	Mustard	Sep (L) - Oct (L)	Feb-March
	Taramira	Oct (L)- Nov(E)	March
Uttarakhand	Mustard/ Karan rai	Oct (L)- Nov (L)	March
	Toria	Sep (L)	Dec-Jan
	Yellow Sarson	Oct (E)	March
Uttar Pradesh	Mustard	Within Oct	Feb-March
	Toria	Sep(L)	Dec-Jan
	Yellow Sarson	Within Oct	Feb-March
West Bengal	Mustard	Within Oct	Feb-March
	Toria	Oct (L)- Nov (E)	Feb
	Yellow Sarson	Oct (L)- Nov (E)	Feb-March

(Contd.)

Appendix IV (Contd.)

States/Uts	Period	Kharif Cotton	Kharif Maize	Rabi Maize
(1)	(2)	(3)	(4)	(5)
Andhra Pradesh	Sowing	Jun(E)-Jul(E)	Jun(M)-Jul(M)	Oct(E)-Jan(M)
	Harvesting	Dec(E)-Mar(M)	Sep(M)-Oct(E)	Feb(E)-May(B)
Bihar	Sowing	July(B)	Jun(M)-Jul(B)	Nov(B)-Dec(E)
	Harvesting	Oct(M)-Nov(M)	Oct(M)-Nov(M)	Feb(B)-Mar(B)
Gujarat	Sowing	May(B)-May(E)	Jun(E)-Jul(B)	
	Harvesting	Oct(B)-Apr(E)	Sep(B)-Nov(B)	
Haryana	Sowing	Apr(B)-Apr(M)	Jul(B)-Jul(M)	
	Harvesting	Oct(M)-Nov(M)	Oct(M)-Oct(E)	
Himachal Pradesh	Sowing		May(M)-Jun(E)	
	Harvesting		Sep(M)-Oct(M)	
Karnataka	Sowing		May(M)-Jun(E)	Oct(B)-Oct(E)
	Harvesting		Sep(B)-Oct(E)	Feb(B)-Mar(E)
Kerala	Sowing	Jun(B)-Octl(E)		
	Harvesting	Dec(B)-Mar(E)		
Madhya Pradesh	Sowing	Jun-Jul	Jun(M)-Jul(E)	
	Harvesting	Nov-Jan	Aug(M)-Nov(E)	
Maharashtra	Sowing	Jun-July	Jul(B)-Aug(E)	
	Harvesting	Nov-Jan	Oct(B)-Nov(E)	
Odisha	Sowing	Jun-July	Jun-Jul	
	Harvesting	Nov-Jan	Sep-Oct	
Punjab	Sowing	Apr(B)-Mar(E)	May(B)-Jun(E)	
	Harvesting	Oct(B)-Dec(E)	Sep(B)-Oct(E)	
Rajasthan	Sowing	Apr(B)-May(E)	Jun(E)-Jul(M)	
	Harvesting	Nov(B)-Dec(E)	Oct(B)-Nov(E)	
Uttar Pradesh	Sowing	Apr(B)-Jun(E)	Jun(M)-Jul(M)	
	Harvesting	Sep(B)-Nov(E)	Sep(M)-Oct(M)	
West Bengal	Sowing	Oct(B)-Nov(E)	May(E)-Jun(E)	Nov(B)-Nov(E)
	Harvesting	June(B)-Aug(E)	Sep(M)-Oct(M)	Mar(B)-Mar(E)
Tamil Nadu	Sowing	Aug-Sept	Jun(E)-Jul(M)	Sep(E)-Oct(E)
	Harvesting	Feb(B)-April(E)	Oct(M)-Oct(E)	Jan(B)-Jan(E)
All India	Sowing	Apr-Jul	May-Aug	Sep-Jan
	Harvesting	Sep-Dec	Sep-Nov	Jan-May

(Contd.)

Appendix IV (Contd.)

States/Uts	Period	Sugarcane		Kharif Jute
		Kharif	Rabi	
(1)	(2)	(3)	(4)	(5)
Andhra Pradesh	Sowing	Dec(E)-Jun(M)		
	Harvesting	Dec(E)-May(M)		
Assam	Sowing	Mar(B)-Apr(E)		
	Harvesting	Dec(B)-Jan(E)		
Haryana	Sowing	Feb(M)-Mar(M)		
	Harvesting	Dec(M)-March(E)		
Karnataka	Sowing	Dec(B)-Mar(E)*		
	Harvesting	Aug(B)-May(E)		
Kerala	Sowing	Jun(B)-Oct(E)		
	Harvesting	Oct(B)-Jan(E)		
Madhya Pradesh	Sowing	Oct(B)-Apr(E)		
	Harvesting	Oct(E)-Mar(E)		
Maharashtra	Sowing	Jul(B)-Aug(E)		
	Harvesting	Oct(B)-Nov(E)		
Manipur	Sowing	Feb-Mar		
	Harvesting	Aug-Sep		
Odisha	Sowing	Feb-May		
	Harvesting	Nov-Feb		
Punjab	Sowing	Feb(B)-Mar(E)		
	Harvesting	Nov(B)-Feb(E)		
Rajasthan	Sowing	Mar(B)-Apr(E)		
	Harvesting	Dec(B)-Mar(E)		
Tamil Nadu	Sowing	Dec(B)-Jan(E)***		
	Harvesting	Dec(B)-Jan(E)		
Tripura	Sowing	Mar-May		
	Harvesting	Aug-Sep		
West Bengal	Sowing	Mar(B)-May(E)		
	Harvesting	Jul(B)-Aug(E)		
All India	Sowing	Feb(B)-Aug(E)	Jun(B)-Oct(E)	Feb-Jun
	Harvesting	Aug(B)-Nov(E)	Oct(B)-Jan(E)	Aug-Oct

Source : Indian Council of Agricultural Research (Crop Science Division)

*=Annual; **Early Kharif; ***Early sugarcane

Appendix-V
Harvesting Season of Major Fruits

State / Uts	Mango	Apple	Banana	Lime/Lemon	Grapes
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	April - may	*	round the year	Oct. - Dec.	March-April
Arunachal Pradesh	*	Oct.	round the year	round the year	*
Assam	Jun. - Aug.	*	round the year	June - Sep.	*
Bihar	June - July	*	Sept. -Nov.	*	*
Chhattisgarh	April - June	*	Feb-March.& July-Sep.	March-April & July-Aug.	*
Delhi	*	*	*	*	*
Goa	*	*	round the year	*	*
Gujarat	May	*	Sept. -Nov.	Sept.-oct.	*
Haryana	July	*	*	Dec.	June
Himachal Pradesh	July	Aug. - Sep.	July - Aug.	Nov.-Jan.	July
Jammu & Kashmir	July	Sept. - Oct.	*	Nov.-Dec.	June - July
Jharkhand	May - June	*	Sept. -Nov.	Sept. -Dec.	*
Karnataka	April - June	*	July-Nov.	July-Sep.	*
Kerala	Feb. - March	*	Aug-Sept. & Nov.-Dec.	*	*
Madhya Pradesh	May-June	*	July - Aug	July-Sep.	March-April
Maharashtra	April - may	*	round the year	March-April	March & May
Manipur	*	*	August	Dec.	*
Meghalaya	*	*	June	*	*

(Contd.)

Appendix V (Contd.)

State / Uts	Mango	Apple	Banana	Lime/Lemon	Grapes
(1)	(2)	(3)	(4)	(5)	(6)
Mizoram	July	*	Feb	Aug	Oct.
Nagaland	July	*	round the year	*	*
Odisha	April - June	*	Sep. to Dec.	Aug-Sep.	*
Punjab	June	*	*	round the year	May-June
Rajasthan	June	*	*	Aug	June
Sikkim	June	*	Sep.-Oct.	*	*
Tamil Nadu	May-June	*	round the year	Feb. - March	May & Nov.
Tripura	June	*	round the year	June - July	*
Uttar Pradesh	June	*	Aug-Sep.	Dec.	June
Uttarakhand	June-Aug	July - Aug	May-Aug	May-July & Nov.-Dec.	*
West Bengal	June-July	*	Aug-Sep.	Sep.	*
Andaman & Nicobar	Jan. - April	*	Jan.-March & Oct.-Dec.	*	*
Chandigarh	*	*	*	*	*
D & N Haveli	May	*	Sep.-Nov.	*	*
Daman & Diu	May	*	Sep.-Nov.	*	*
Lakshadweep	*	*	round the year	*	*
Puducherry	June-July	*	Aug	Jan.	*

Source : Indian Horticulture database -2014.

* Information not available.

Appendix-VI
Harvesting Season of Major Vegetables

State/UTs	Potato	Onion	Tomato	Cabbage	Cauliflower
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	April - June	April & June Sep.-Nov.	round the year	Nov. & Jan.	Nov. & Jan.
Arunachal Pradesh	*	*	*	*	*
Assam	Dec.- Jan.	Dec. - Feb.	Dec.-Feb.	Jan.-Feb.	Nov. - Feb.
Bihar	Jan.-Feb.	March-April	Jan.-Feb.	Nov. - Feb.	Dec.-Feb.
Chhattisgarh	Jan. - Mar.	March-April	Aug.-Feb.	Aug.-Feb.	Aug.-Feb.
Delhi	*	*	*	*	*
Goa	*	*	*	*	*
Gujarat	Jan.	Feb.	Dec. - Mar.	Dec.-Feb.	Dec.-Feb.
Haryana	Feb.-Mar.	April & Dec.	April-Oct.	Jan.	Jan.
Himachal Pradesh	May-June & Aug.-Nov.	May-June	May-Aug.	Sep.-Dec. & Feb.	Dec.-Feb.& Aug.-Oct.
Jammu & Kashmir	April & July	May-June	April	Oct.-April	Oct. - April
Jharkhand	Dec.-Feb.	March. - April.	Feb.& Dec.	Nov. - Dec.	Oct. - Dec..
Karnataka	Feb.-March & Sep.-Oct.	April - June & Sep.-Oct.	May-July	round the year	round the year
Kerala	*	*	*	*	*
Madhya Pradesh	Feb. - March	March. - April.	Oct. & Dec.-Feb.	Jan.-Feb.	Jan.-Feb.
Maharashtra	Mar. - May.	April	round the year	Jan.-Feb.	*
Manipur	Dec.- Jan.	*	July-Aug.	July-Aug	Oct. -Jan.
Meghalaya	April	Dec.	April	Aug.	Oct.

(Contd.)

Appendix VI (Contd.)

State/UTs	Potato	Onion	Tomato	Cabbage	Cauliflower
(1)	(2)	(3)	(4)	(5)	(6)
Mizoram	Sep.	March	Aug	Dec.	*
Nagaland	Feb.	Oct.	*	Feb.	March
Odisha	Feb. - March	Feb.-April	Jan.-March	Dec. - Mar.	Nov. - Feb.
Punjab	Dec.- Jan.	April	May	Dec. - Mar.	Dec.-Jan.
Rajasthan	Jan.-Feb.	April & Nov.	Nov-Dec.	Dec.	Jan.
Sikkim	June -Aug.	Feb. - March	June-Sep.	June-Oct.	Nov. - March.
Tamil Nadu	round the year	Aug. & Nov.	round the year	May& Dec.	Feb. & Dec.
Tripura	*	*	*	*	*
Uttar Pradesh	Mar. - April.	March	Feb.	Jan.	Jan.
Uttarakhand	July-Aug. & Oct.-Dec.	May	Nov-Jan.& May-June	Nov.-Aug	Nov. - Feb.& July-Aug.
West Bengal	March	April	Jan. - Feb.	Nov.-Feb.	Dec. - Jan.
Andaman & Nicobar	*	*	Oct.-March & June - July	Nov-Jan.	Nov. - Jan.
Chandigarh	*	*	*	*	*
D & N Haveli	Jan.	Feb.	Dec.-Feb.	Dec.- Feb.	Dec. - Feb.
Daman & Diu	Jan.	*	Dec.-Feb.	Dec.- Feb.	Dec. - Feb.
Lakshadweep	*	*	*	*	*
Puducherry	April & July	April & Nov.	*	*	*

Source : Indian Horticulture database -2014.

* Information not available.

Appendix-VII

Seed Rate of sowing for important field crops

(Kg/Ha)		
Crop	Variety Seed Rate	Hybrid Seed Rate
(1)	(2))	(3)
Cereals		
Rice	35-40	12-15 for normal planting 5 under SRI planting
Wheat	100	
Barley	100	
Sorghum	Grain Rabi 8-10; Grain Kharif 10	7.5
Pearl Millet	4-5	4-5
Maize	18-20	20
Ragi	10-12.5	10-12.5
Pulses		
Pigeon pea	Early duration 17-19 Medium duration 15-17 Long duration 12-15	
Chickpea(Large seeded)	75-100	
Chickpea Desi (small seeded)	65-75	
Chickpea Kabuli	100-120	
Mungbean	Kharif-20, Rabi 25-30, Summer 30-35	
Urdbean	Kharif-20, Rabi 25-30, Summer 30-35	
Fieldpea	80-100	
Lentil	50-60	
Rajmash	75-100	
Mothbean	15-18	
Kulthi	22-30	
Oilseeds		
Groundnut	140-160	
Rapeseed & M	3-5	3.5
Soybean	65-75	
Sunflower	5	5
Sesame	5	
Niger	5	
Safflower	7	
Linseed	30 for seed type 45 for dual purpose type	

(Contd.)

Appendix VII (Contd.)

Crop	Variety Seed Rate	Hybrid Seed Rate
(1)	(2)	(3)
Castor	5	5
Forage crops		
Sorghum	25 in small seeded varieties; 40 in bold seeded varieties	
Maize	30	
Guar	20	
Pearl Millet	20	
Oats	70	
Berseem	20-25	
Gobhi Sarson	4	
Lucerne	15	
Fibre Crops		
Cotton	10-12	Bt. Cotton - 2.25 Non-Bt. Cotton 10
Jute	5 (olitorius), 7 (capsularis)	
Sunhemp	25	
Mesta	12	
Sugar Crops		
Sugarcane	60 qtls. (40,000 sets of 3 buds in sub tropics) (20,000-25000 sets of 3 buds in tropics)	-

Source : - Indian Council of Agricultural Research (ICAR)



Agricultural Statistics at a Glance, a flagship publication of the Ministry of Agriculture and Farmers Welfare, is a trusted source of data on various facets of the agriculture and allied sector. If one is looking for a comprehensive picture of Indian agriculture in terms of data, across states and time period, covering crop production and productivity, agricultural inputs, terms of trade, price support and procurement, domestic and international trade, rainfall, credit and insurance – this is a document one must consult. Moreover, the 2015 edition of the publication has been enriched with updated information on insurance coverage, storage capacity, requirement and availability of certified seeds, and soil health card.

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