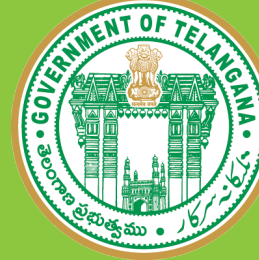




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AGRICULTURAL STATISTICS AT A GLANCE - TELANGANA 2015-16



GOVERNMENT OF TELANGANA

AGRICULTURAL STATISTICS AT A GLANCE TELANGANA 2015-16



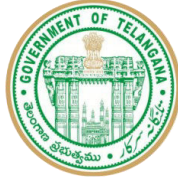
DIRECTORATE OF ECONOMICS & STATISTICS
TELANGANA, HYDERABAD - 500 004



***AGRICULTURAL STATISTICS
AT A GLANCE
TELANGANA 2015-16***

DIRECTORATE OF ECONOMICS AND STATISTICS
GOVERNMENT OF TELANGANA
HYDERABAD-500 004

Dr.V.Subramanyam
Director



**Directorate of Economics and
Statistics, Hyderabad**

Foreword

The Directorate of Economics and Statistics, Hyderabad is releasing the publication of "Agricultural Statistics at a Glance" every year, It gives a broad sketch of the Agricultural scenario in the state during the year. It covers the Rainfall, Seasonal conditions, Area, Productivity and Production of crops, Land Utilization particulars and other information relating to Agriculture. The Publication of Agricultural Statistics at a Glance 2015-16 is the third in Series.

In this Publication, the information pertaining to Time Series data on Rainfall, Crop wise and Season wise Irrigated / Un-irrigated Areas, Productivity and Production particulars of crops, category wise Number and Area of Operational Holdings, Live Stock Population, Production of Milk, Eggs and wool, Fish and Prawn production and achievements under procurement of Rice, Gross State Domestic Product of Agriculture sector, Inter State Comparison of Area, Yield, Production of Important Crops and other information relating to Agriculture.

To facilitate greater access of data, this publication is disseminated in e-mode with limited number of hard copies. The e-publication is available in the official website (<http://ecostat.telangana.gov.in>) in the user friendly format to enable the interested users to download data directly.

I hope that this Publication will be useful to the policy makers, planners, Administrators, Research scholars who are dealing with Agricultural Statistics and it is also useful to others who are interested in Agricultural Statistics.

I wish to record my sincere appreciation to the Officers and Staff of Agricultural Section, other related Sections of Directorate of Economics and Statistics, Telangana & various departments who provided the data in bringing out the publication within a short time on 31-07-2016.

Constructive Suggestions to improve the Quality and content will be appreciated.

HYDERABAD

Date : 22 - 10 - 2016

V. Subramanyam

DIRECTOR

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Overview

The State of Telangana emerged as 29th State in the Indian Union as per the Andhra Pradesh Reorganization Act, 2014 (No.6 of 2014) of Parliament with a geographical area of 1.12078 lakh sq.kilometers and a population of 350.04 lakhs (2011 census), the new State of Telangana is the twelfth largest State in terms of both area and the size of population in the country .The State is bordered by Maharashtra and Chhattisgarh in the north, Karnataka in the west and Andhra Pradesh in the south and the east. The State is situated in the Deccan plateau.

Two major rivers, the Krishna and the Godavari pass through the State. The major part of catchment area of the Godavari and the Krishna river. Despite large proportion of the catchment of these major rivers lying in the State, the present utilization of these river waters in the State is decimal .

The Economy of Telangana is mainly driven by agriculture. The better performance of this sector is vital for inclusive growth. Sustainable growth in Agriculture continues to be core agenda of the Government. In Telangana state, it mainly depends to a significant extent on the ground water and rainfed. As nearly 55.49 percent of the State's population is dependent on some form of farm activity for their livelihoods, it is imperative to increase the farm incomes and ensuring sustainable growth to reduce poverty.

CLIMATE: Telangana state is geographically located in a semi-arid area and has a predominantly hot and dry climate. Summer starts in March and peak in May with average high temperatures in the 42 °C (108 °F) range. The monsoons enter in the state in June and lasts until September with about 713 mm of precipitation ending south west monsoon . A dry, mild winter starts in late November and lasts until early February with little humidity and average temperatures in the 22–23 °C (72–73 °F) range. It is also prone to hailstorms in some areas in the month of April and May, some times.

DROUGHT PRONE : On analyzing of last 30 years data on drought in Telangana State the State had experienced 23 years as drought affected in some mandals or others, only during 7 years none of the Mandals in the State declared as drought affected. Out of total net sown area, major area depends on rainfed cultivation. Shortage of rainfall coupled with its erratic distribution during rainy season causes severe water deficit conditions.

Shortage of rainfall results in deficiency of soil moisture in the crop root zone, to support crop growth, productivity and lowering of water levels in tanks, lakes, reservoirs resulting in various types of drought. Non availability of sufficient irrigation facilities, erratic distribution of rainfall, limitations on the front of ground water exploration makes parts of the Telangana State drought prone. The changes in the monsoon pattern also add to the cause for proneness to droughts in Telangana State. Four districts viz., Nalgonda, Mahabubnagar, Rangareddy and Medak are most susceptible drought in the State.

Agro-climatic Zones

Based on rainfall, type of soils and cropping pattern, etc., the State is divided into four agro-climatic zones. These are 1) Northern Telangana (Karimnagar, Nizamabad and Adilabad districts) 2) Central Telangana Zone (Warangal, Khammam and Medak districts) 3) Southern Telangana zone (Mahabubnagar, Nalgonda Rangareddy and Hyderabad districts) and 4) High Altitude and Tribal Areas Zone (High Altitude and Tribal areas of Khammam and Adilabad districts).

Land Use

The total land area of the State is 112.08 lakh hectares, out of which the area under forest cover is 25.40 lakh hectares, constituting 22.66 percent of the geographic area. 37.25 percent of the area is under cultivation. Waste lands constitute about 5.42 percent of total area in the state, Land put to Non agricultural uses, Culturable waste, Permanent pastures and Other grazing lands, land under Misc. tree crops, groves not included in Net area sown, Other fallow lands and Current fallow lands constitutes about 7.96, 1.62, 2.67, 1.00, 7.33 and 14.09 respectively.

Agricultural Holdings

As per the Agricultural Census, 2010-11, the number of agricultural holdings in the State amounted to 55.54 lakh and the area held by these holdings was 61.97 lakh hectares. The average size of the holding in the State is 1.12 hectares, which is highly uneconomical to operate. Another area of concern is that 62.0 percent of the holdings are marginal (less than 1 hectare) and the percentage of small holdings (1 to 2 hectares) is 23.9 percent. Thus, marginal and small holdings constitute 85.9 percent of total agricultural holdings in the State, making agriculture a subsistence source of livelihood for the majority of population in the State.

Agriculture Production

Agriculture sector is mainly rain fed and depends to a significant extent on the depleting ground water. In 2015-16, food grains were grown in an area of 26.18 lakh hectares (gross cropped area) with food production amounting to 51.45 lakh tones. Of the area under food crops, cereals and pulses account for 45.1 percent and 18.0 percent, respectively. The major cereals cultivated in the State are green gram, red gram, Bengal gram and black gram. Gross cropped area under non food crops is 22.75 lakh hectares. The proportion of area under food crops in the gross cropped area is 53.51 percent.

Productivity

Agriculture in the State is characterized by stagnant yields and year to year fluctuations in yield levels. The index of agricultural productivity in the State (2007-08=100) has more or less remained constant. The index of productivity of pulses declined to 70.70 in 2015-16. The productivity of rice, which is the predominant crop in the State has been witnessing large year to year fluctuations making its cultivation un remunerative. The index fluctuated to a low of 63.47 in 2015-16 from 71.90 in 2013-14. The Productivity of Cotton, one of the major commercial crops, has also been witnessing large year to year fluctuations with the index varying large year to year fluctuations with the index varying from 44.20 in 2011-12 to 124.90 in 2015-16. There has been a significant decline in the productivity of sugarcane. In the year 2015-16, the index was 75.45.

The pressure on agricultural land is ever increasing for industrialization, urbanization, housing, infrastructure and others. All these factors are forcing for conversion of agricultural Land to non-agricultural uses as a result of it, the scope for expansion of the area available for cultivation is coming down to that extent, ultimately decrease in net area sown. Rice is the major staple crop in food crops. Other important crops grown are Maize, Jowar, Red gram, Green gram, Bengal gram, Groundnut, Soya bean, Mango, Cotton, Chillies, Sugarcane etc.



SUMMARY

2015-16 had a difficult year for agriculture, as this was the second consecutive year of deficient rainfall, resulting in severe drought situation in the State.

As a result of it, the water used declined to significant level, as no irrigation tank and Project have received notable level.

Agriculture and allied sector's contribution to Gross Value Added (GVA) at current prices for the year 2015-16 (AE) is about 14 percent, declined from 16.1 percent in 2011-12. Agriculture and allied sector during 2015-16 is likely to record to a negative growth of -1.1 percent at current prices. Within the sector, the sub sector pertaining to agriculture crops was badly affected due to adverse seasonal conditions and is estimated to record a negative growth of -13.3 percent at current prices.

RAINFALL

- The actual rainfall received during South-West monsoon of 2014-15 was 494.7 mm as against the normal rainfall of 713.6 mm, recording a deficit of -31%. There was a deficit in rainfall in nine out of ten districts in the State (except in Mahabubnagar) during this period. Deficiency in rainfall in current year 2015-16 continued to persist. The State received an average rainfall of 611.2 mm during the South West Monsoon (June - September), as against the normal rainfall of 713.6 mm resulting a deficiency of (-)14%.*
- The Government has declared 231 Mandals as drought effected.*

AREA

- The Gross Area Sown in the State during 2015-16 is 48.93 Lakh Hectares as against 53.15 Lakh Hectares in 2014-15, showing a decrease of 7.94 % over previous year.*
- Out of 48.93 lakh hectares of total cropped area 26.18 lakh hectares (53.49 %) was under food crops.*
- The area under Non-Food crops was 22.75 lakh hectares.*
- The Net Area Sown in the State during the year 2015-16 is 41.74 Lakh Hectares as against 43.77 Lakh Hectares in 2014-15, showing a decrease of 4.62 % over previous year.*
- Food grains area in the State is 21.80 lakh hectares in 2015-16 as against 26.13 lakh hectares in 2014-15 showing a decrease of 16.57%.*

- Rice Area in the State is 10.46 Lakh Hectares, which is lower by 3.69 Lakh Hectares when compare to 14.15 Lakh Hectares in the previous year.
- Maize Area is 5.73 lakh Hectares is lower when compare to the previous year Area of 6.92 lakh Hectares during 2014-15.
- Rice and Maize are the Main food grain crops which together accounted for 74.26 % of the total area under food grain crops during 2015-16.
- Pulses Area is 4.72 lakh Hectares is higher by 0.64 lakh Hectares over last year Area levels.
- Sugarcane Area is 0.35 lakh Hectares is lower by 0.03 lakh Hectares to that of the last year Area.
- Cotton Area is 17.73 lakh Hectares recorded an increase of 0.80 lakh Hectares over the previous year.

PRODUCTION

Food-grains Production

The total food grains production in the State is 51.45 lakh tonnes in 2015-16 as against 72.18 lakh tonnes in 2014-15 showing a decrease of 28.72 percent over previous year . The decrease is being attributed to significant decrease in rabi food grain production during 2015-16 due to drought conditions, insufficient rains and inadequate water in irrigation sources during 2015-16 over 2014-15.

Kharif Food-grain Production

The production of food grains during Kharif season 2015-16 was 35.75 lakh tonnes as against 44.72 lakh tonnes in 2014-15, showing a decrease of 20.06 percent. The production is decreased in all the districts in the State during Kharif 2015-16 over previous year.

Rabi Food-grains Production

The production of Rabi food grains was 15.70 lakh tonnes in 2015-16 as against the 27.46 lakh tonnes in 2014-15, showing a decrease of 42.73 percent. The Production is decreased in all the districts in the State during Rabi 2015-16 due to lack of water in irrigation sources.



Production of other Principal crops

- Oil Seeds production during 2015-16 was 5.79 Lakh Tonnes as against 7.22 Lakh Tonnes during 2014-15 registering a decrease of 19.81%.
- Rice Production in the State is estimated at 30.47 Lakh Tonnes, which is lower by 14.98 Lakh Tonnes when compare to the last year's production of 45.45 Lakh Tonnes.
- Maize Production is estimated as 17.51 lakh tonnes lower than the previous year production of 23.08 lakh tonnes during 2014-15.
- Rice and Maize are the Main food grain crops which together accounted for 93.25% of the total Production under food grain crops during 2015-16.
- Pulses Production is estimated as 2.47 lakh tonnes is lower by 0.15 lakh tonnes over the previous year.
- Sugarcane production is estimated as 24.05 lakh tonnes is lower by 9.38 lakh tonnes to that of the last year production.
- Cotton production is estimated as 37.33 lakh bales (of 170 kg each) registered an increase of 1.50 lakh bales over the previous year cotton production .

IRRIGATION

- The net area irrigated for the year 2015-16 is also decreased to 14.86 lakh hectares from 17.26 lakh hectares in 2014-15, the decrease being 13.90 % .
- The Gross Area irrigated by all sources during the year 2015-16 is 20.28 lakh hectares. This accounted for 41.44% of the gross cropped area as against 47.58% during 2014-15 , 50.12 % was accounted by Rice alone and followed by 8.93 % for Maize , 10.11 % for Cotton, 5.82 % for Groundnut respectively and the remaining irrigated area was covered by other crops.
- Total food crops area under irrigation was 80.31 % and non-food crops area was 19.69 %.

CROPPING INTENSITY :

- The cropping intensity for the year 2015-16 was decreased to 1.17 from 1.21 in 2014-15, showing a decrease of 3.31% over previous year.

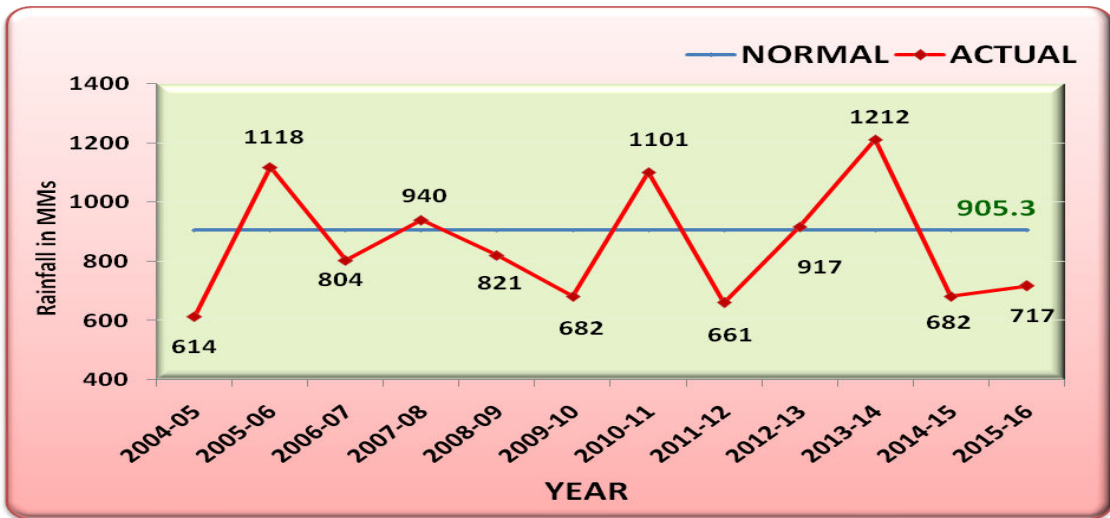
IRRIGATION INTENSITY :

- The irrigation intensity for the year 2015-16 was decreased to 1.36 from 1.47 in 2014-15, showing a decrease of 7.48% over previous year.

RAINFALL STATISTICS

Annual normal rainfall of Telangana state is 905.3mm as against India's Normal rainfall of 1083 mm. About 80 percent of the total rainfall in the State is being received during South-West monsoon (June-September). The rainfall in the State is erratic and uncertain and distribution of the rainfall is uneven in various mandals thus, making agriculture a proverbial gamble with the monsoons.

Year wise details of Actual and Normal rainfall are depicted in the following Graph.



On observing the rainfall pattern during the period from 2004-05 to 2015-16 In the above Table it reveals that

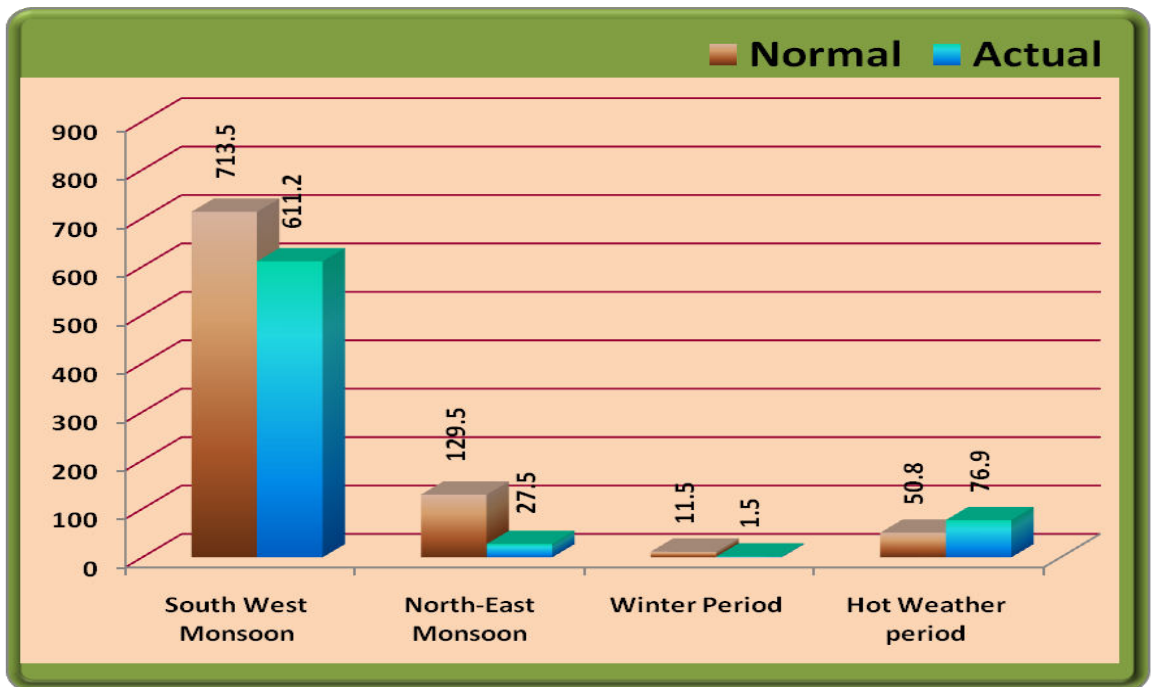
- 614 mm annual rainfall registered in 2004-05 was lowest.
- 1212 mm annual rainfall received in 2013-14 was the highest.

RAINFALL AND SEASONAL CONDITIONS.

The seasonal conditions during the year 2015-16 was adversely affected due to inadequate rains, State received 717.1 mms as against normal rainfall of 905.3 mms which shows deficit of 20.8 % over normal rainfall. During the south west monsoon period State received average rainfall of 611.2 mm as against normal rainfall of 713.5 mm, which shows deficit of 14.3 % over normal rainfall. In North-East monsoon period also rainfall was deficit by 78.8 percent over normal rainfall. However Deficient (87.0 %) rainfall received during Winter period and regarding Hot weather period Rainfall received was excess of 33.9 % when compared to normal rainfall.

SEASON WISE RAINFALL

Sl. No.	Season	Normal	Actual	% dev.	Status
(1)	(2)	(3)	(4)	(5)	(6)
1	South West Monsoon	713.5	611.2	-14.3	Deficient
2	North-East Monsoon (October)	129.5	27.5	-78.8	Deficient
3	Winter Period	11.5	1.5	-87.0	Deficient
4	Hot Weather period	50.8	76.9	33.9	Excess
Grand Total		905.3	717.1	-20.8	Deficient

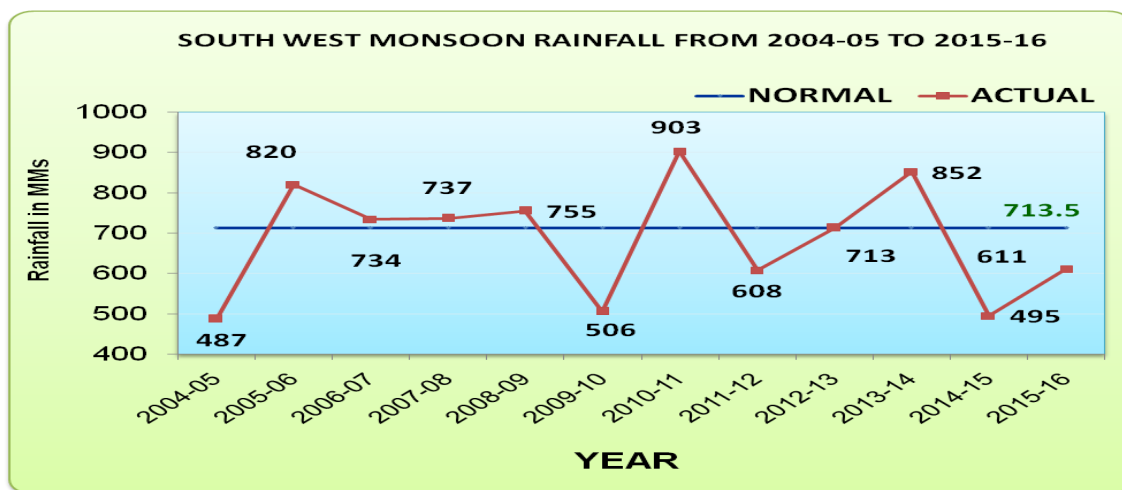


SOUTH-WEST MONSOON: (June - September 2015)

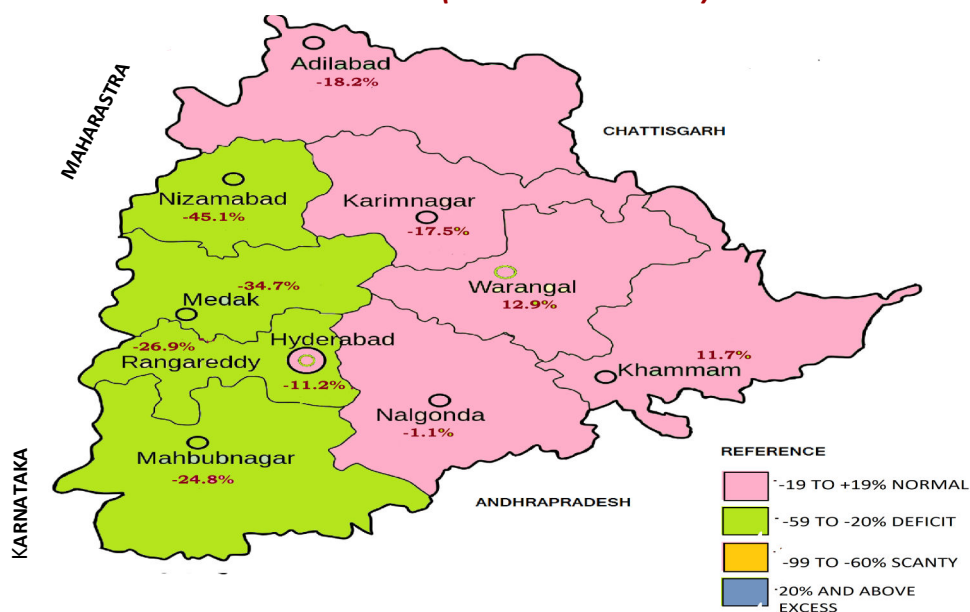
There has been an acute deficiency of rainfall in previous two years, i.e., 2014-15 and 2015-16. The actual rainfall received during South-West monsoon of 2014-15 was 494.7 mm as against the normal rainfall of 713.6 mm, recording a deficit of -31%. There was a deficit in rainfall in nine out of ten districts in the State (except in Mahabubnagar) during this period. Deficiency in rainfall in current year 2015-16 continued to persist. The State received an average rainfall of 611.2 mm during the South West Monsoon (June - September), as against the normal rainfall of 713.6 mm resulting a deficiency of -14%.

Sl.No.	Month	Normal	Actual	% of Dev.
1	June	127.6	220.3	73
2	July	238.0	80.3	-66
3	August	218.7	151.2	-31
4	September	129.2	159.4	23
Total		713.5	611.2	-14

On analyzing District wise rainfall data received during South West Monsoon in the State revealed that Adilabad, Khammam and Warangal, Karimnagar, Nalgonda and Hyderabad Districts had normal rainfall.



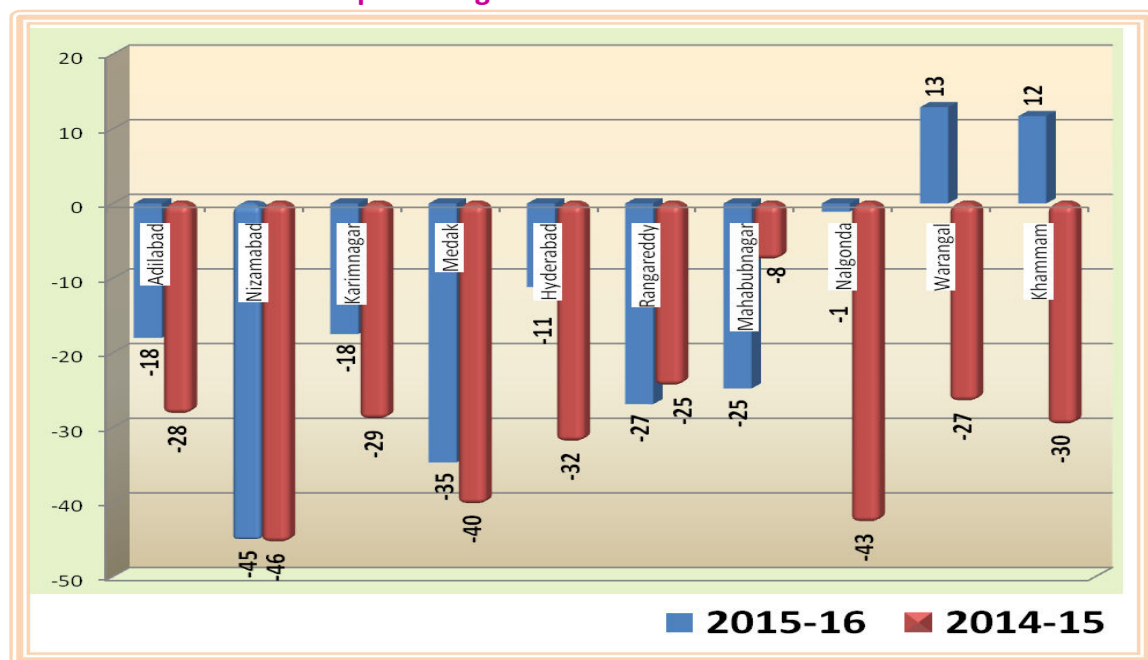
SOUTH WEST MONSOON 2015-16 (JUNE - SEPTEMBER)



District wise South-West Monsoon

Sl.No.	District	Cumulative Rainfall					
		During the Year 2015-16			Corr. period of Previous Year		
		Normal	Actual	% of Dev.	Normal	Actual	% of Dev.
1	2	3	4	5	6	7	8
1	Adilabad	984.2	805.2	-18.2	984.2	705.3	-28.3
2	Nizamabad	849.1	466.0	-45.1	849.1	462.9	-45.5
3	Karimnagar	794.6	655.5	-17.5	794.6	564.3	-29.0
4	Medak	675.8	441.2	-34.7	675.8	403.1	-40.4
5	Hyderabad	562.1	499.2	-11.2	562.1	381.8	-32.0
6	Rangareddy	587.7	429.7	-26.9	587.7	443.8	-24.5
7	Mahabubnagar	446.6	335.8	-24.8	446.6	412.6	-7.6
8	Nalgonda	561.7	555.7	-1.1	561.7	321.4	-42.8
9	Warangal	799.1	901.9	12.9	799.1	586.3	-26.6
10	Khammam	875.0	977.2	11.7	875.0	614.8	-29.7
STATE AVERAGE		713.6	611.2	-14.3	713.6	494.7	-30.7

District wise percentage deviation for 2015-16 and 2014-15



Deficiency in Rainfall:

Deficiency in rainfall during 2014-15 and 2015-16 aggravated the drought conditions in the State hindering the growth of State's economy, in general and agriculture, in particular. Further analysis shows that 9 Mandals in the State has experienced more than 60 percent deficiency and about 45 percent of Mandals in the State have more than 20 percent deficiency in rainfall during South-West monsoon. District wise analysis shows that significant number of Mandals in the districts of Mahabubnagar, Nizamabad and Medak received deficient rainfall.

District Wise Status of Rainfall - South West Monsoon

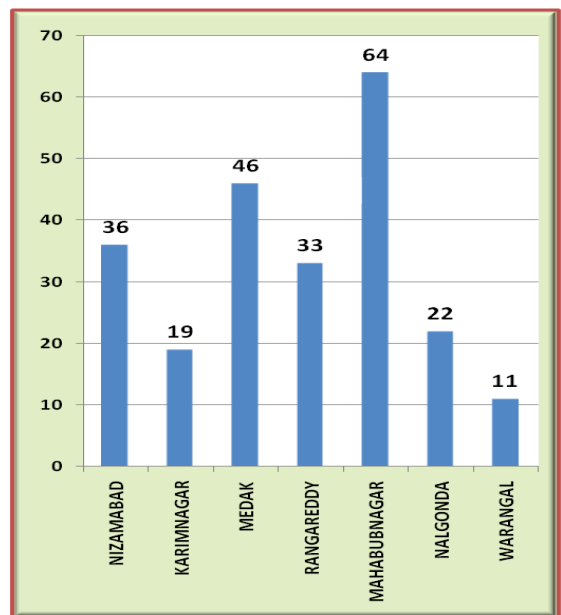
Sl.No	District Name	No.of Mandals	No.of Mandals				
			No Rain 100%	Scanty	Deficient	Normal	Excess >19%
				-99 to -60%	-59 to -20%	-19 to 19%	
1	ADILABAD	52	-	-	21	31	-
2	NIZAMABAD	36	-	1	34	1	-
3	KARIMNAGAR	57	-	-	27	27	3
4	MEDAK	46	-	2	41	3	-
5	HYDERABAD	16	-	-	7	6	3
6	RANGAREDDY	37	-	2	23	10	2
7	MAHABUBNAGAR	64	-	4	36	23	1
8	NALGONDA	59	-	-	15	32	12
9	WARANGAL	51	-	-	2	34	15
10	KHAMMAM	41	-	-	3	27	11
STATE TOTAL		459	-	9	209	194	47

Adverse Seasonal conditions :

The State constituted a Committee to identify the drought affected Mandals by considering the norms of rainfall deficiency, reduction in yield, area, dry spells, in addition to the Central government norms of Normalized Vegetation Difference Index (NDVI) and Moisture Adequacy Index (MAI), and the Committee recommended for declaration of 231 Mandals as drought affected Mandals during Kharif, 2015. District wise drought affected Mandals are shown in Table.

District wise Drought Affected Mandals during Kharif-2015

Sl.No	District Name	No. of Mandals
1	NIZAMABAD	36
2	KARIMNAGAR	19
3	MEDAK	46
4	RANGAREDDY	33
5	MAHABUBNAGAR	64
6	NALGONDA	22
7	WARANGAL	11
STATE TOTAL		231

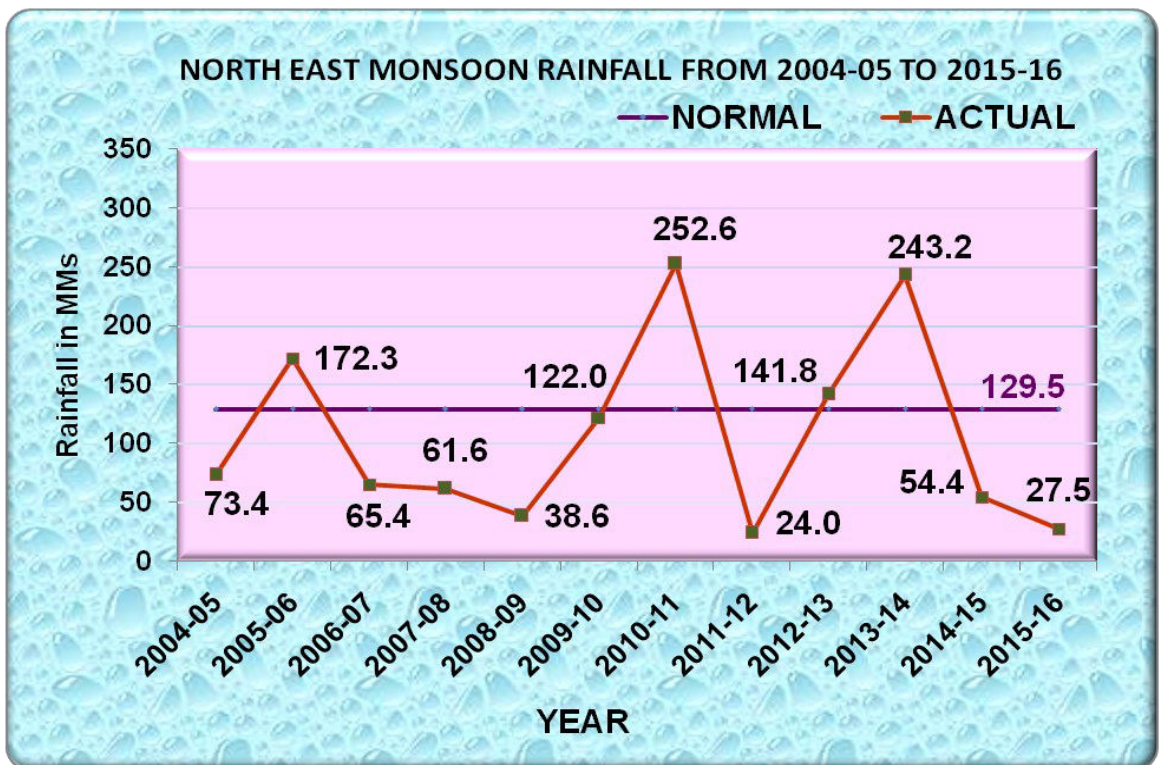


NORTH EAST MONSOON, 2015-16 (October-December 2015)

During the North-East Monsoon season, State recorded an average rainfall of 27.5 mm. with deficit of 78.8%, when compared to the normal rainfall of 129.5 mm., all districts recorded deficit Rainfall . All Districts have recorded scanty rainfall in the State.

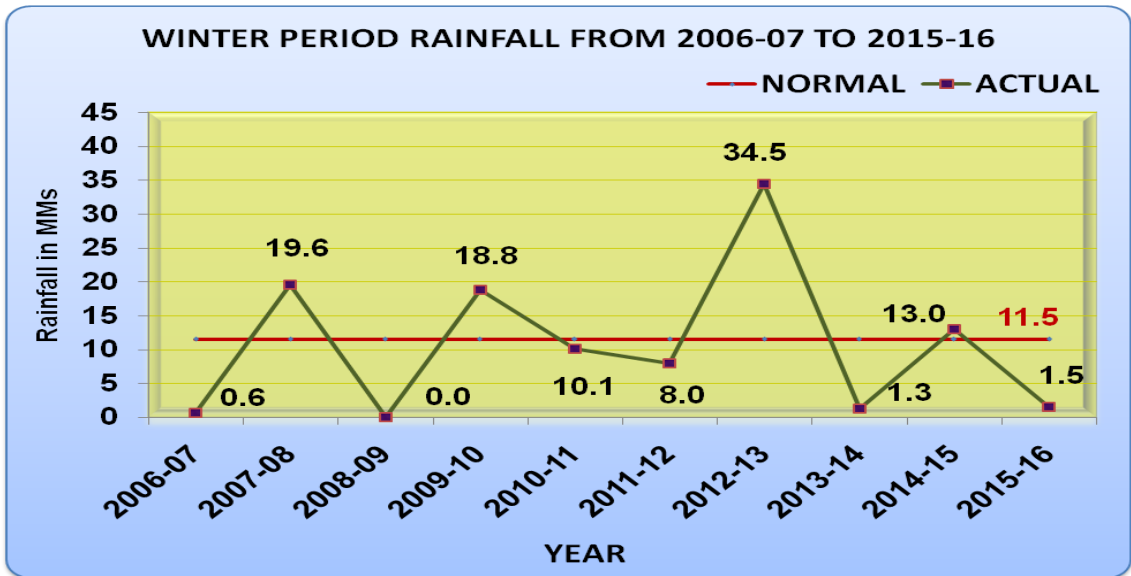
THE MONTH WISE RAINFALL DURING NORTH EAST MONSOON 2015-16

Sl.No	Month	Normal	Actual	% of Deviation
1	October'15	98.7	24.5	-75
2	November'15	25.3	2.1	-92
3	December'15	5.5	0.9	-84
Total		129.5	27.5	-79



WINTER PERIOD-2015-16 (January- February)

During the Winter Season, State recorded an average rainfall of 1.5 mm. Deficit by 87% when compared to the normal rainfall of 11.5 mm., during the season all districts recorded scanty rainfall.



HOT WEATHER PERIOD-2015-16 (March-May)

During the Hot-Weather season, State recorded an average rainfall of 76.9 mm. with excess rainfall of 136.2%. When compared to the normal rainfall of 50.8 mm . The comparison of rainfall recorded during the Hot-Weather season with the normal rainfall shows that the rainfall received was received “Excess” in 9 districts and” Normal” in Khammam District.

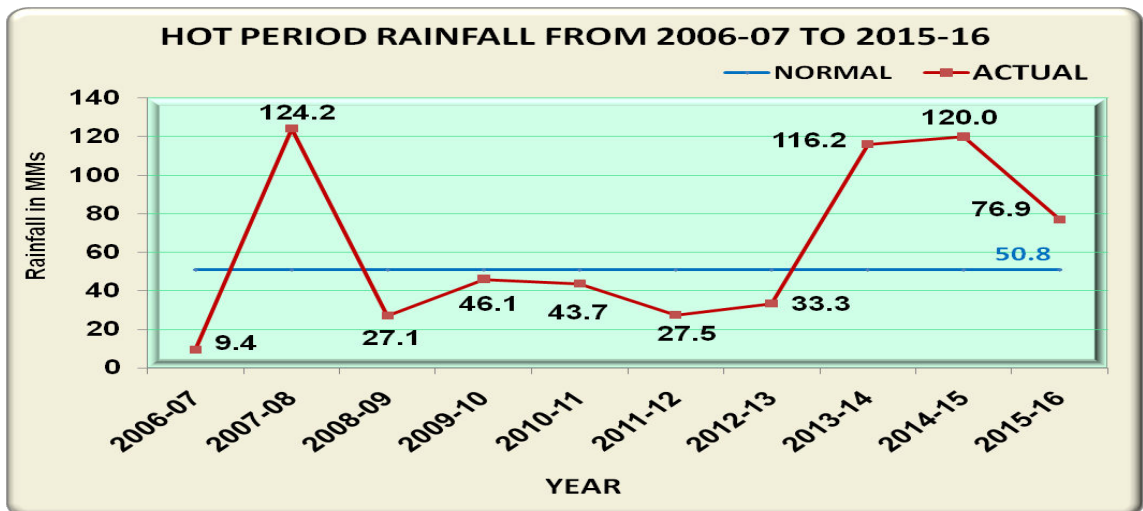


TABLE- 1.1
DISTRICT -WISE AND MONTH-WISE RAINFALL 2015-16

(Rainfall in mm)

SL. NO.	DISTRICT	JUNE		JULY		AUGUST	
		2015	NOR-MAL	2015	NOR-MAL	2015	NORMAL
1	ADILABAD	299.1	199.5	154.6	329.2	180.4	314.1
2	NIZAMABAD	155.2	169.3	63.1	272.4	158.2	279.7
3	KARIMNAGAR	235.9	153	97.3	285.7	133.1	236.9
4	MEDAK	129.0	125.6	58.7	218.9	123.1	213.3
5	HYDERABAD	144.8	99.6	40.8	176.9	95.3	181.2
6	RANGAREDDY	121.9	103.9	48.1	183.0	122.9	172.5
7	MAHABUBNAGAR	70.0	71.2	38.9	146.5	114.7	121.0
8	NALGONDA	182.6	90.6	58.0	170.9	156.6	154.2
9	WARANGAL	401.4	137.2	105.6	287.7	193.7	238.3
10	KHAMMAM	440.5	126.6	111.2	308.4	208.5	276.2
STATE AVERAGE		220.3	127.6	80.3	238.0	151.2	218.7

SL. NO.	DISTRICT	SEPTEMBER		OCTOBER		NOVEMBER	
		2015	NOR-MAL	2015	NOR-MAL	2015	NOR-MAL
1	ADILABAD	171.1	141.3	8.3	98.3	0.0	11.5
2	NIZAMABAD	89.6	127.7	28.0	104.7	0.0	22.6
3	KARIMNAGAR	189.2	119.1	10.0	89.5	0.0	18.4
4	MEDAK	130.5	118.0	24.2	99.9	0.0	26.7
5	HYDERABAD	218.3	104.4	78.3	109.2	1.2	35.4
6	RANGAREDDY	136.9	128.4	27.7	97.9	0.1	29.5
7	MAHABUBNAGAR	112.1	107.9	42.2	90.3	1.1	25.6
8	NALGONDA	158.4	146.1	27.0	102.4	5.4	33.9
9	WARANGAL	201.1	135.8	17.2	86.5	2.1	27.1
10	KHAMMAM	217.0	163.8	16.0	108.3	11.0	22.0
STATE AVERAGE		159.4	129.2	24.5	98.7	2.1	25.3

TABLE- 1.1
DISTRICT -WISE AND MONTH-WISE RAINFALL 2015-16

(Rainfall in mm)

SL. NO.	DISTRICT	DECEMBER		JANUARY		FEBRUARY	
		2015	NORMAL	2016	NORMAL	2016	NORMAL
1	ADILABAD	1.5	6.9	1.6	11.0	1.5	6.0
2	NIZAMABAD	0.7	6.8	1.0	10.4	0.8	4.7
3	KARIMNAGAR	0.3	5.7	0.9	10.4	0.0	7.0
4	MEDAK	0.5	5.9	0.0	6.0	0.8	3.8
5	HYDERABAD	0.0	7.3	0.8	5.1	0.0	3.3
6	RANGAREDDY	1.1	4.6	0.5	5.0	0.0	3.1
7	MAHABUBNAGAR	3.6	5.0	0.3	1.4	0.0	1.8
8	NALGONDA	0.1	3.4	2.0	5.4	0.0	2.1
9	WARANGAL	0.0	6.4	3.2	5.5	0.0	5.8
10	KHAMMAM	0.1	3.4	1.1	9.5	0.0	7.7
STATE AVERAGE		0.9	5.5	1.2	7.0	0.3	4.5

SL. NO	DISTRICT	MARCH		APRIL		MAY		GRAND TOTAL	
		2016	NOR-MAL	2016	NOR-MAL	2016	NOR-MAL	2016	NOR-MAL
1	ADILABAD	26.6	8.8	7.3	10.2	29.8	20.6	881.8	1157.4
2	NIZAMABAD	11.8	6.4	10.9	8.1	38.4	22.7	557.7	1035.5
3	KARIMNAGAR	26.1	8.8	11.0	14.4	51.2	21.4	755.0	970.3
4	MEDAK	5.0	8.0	10.2	14.5	68.8	27.4	550.8	868.0
5	HYDERABAD	0.0	14.1	7.3	15.7	149.2	26.8	736.0	779.0
6	RANGAREDDY	2.2	7.0	8.1	14.9	102.5	31.3	572.0	781.1
7	MAHABUBNAGAR	0.3	4.0	3.1	6.5	59.9	22.7	446.2	603.9
8	NALGONDA	1.2	6.2	1.6	8.1	67.6	29.3	660.5	752.6
9	WARANGAL	23.3	12.6	0.0	15.0	45.1	35.7	992.7	993.6
10	KHAMMAM	12.7	8.3	1.3	18.1	47.9	60.4	1067.3	1112.7
STATE AVERAGE		11.8	8.4	5.7	12.6	59.4	29.8	717.1	905.3

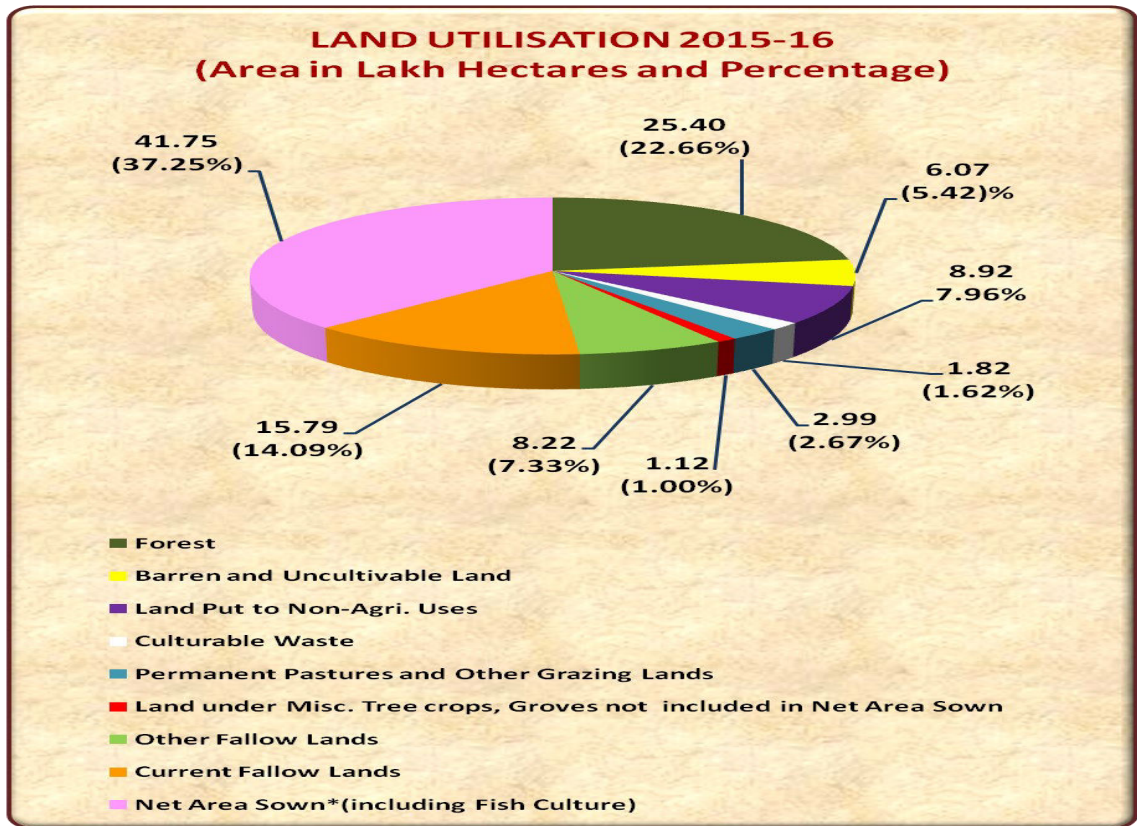
2. LAND UTILIZATION

Out of The total Geographical area of 112.08 lakh hectares & stood 12th Position in India. The area under forest cover is 25.40 lakh hectares, constituting 22.66 % of the geographic area. The proportion of area under forest was lower than the ideal ratio of one third of total geographical area, about 37.25 percent area is under cultivation (41.75 lakh hectares), 14.09 percent area is under current fallow lands (15.79 lakh hectares), 7.96 percent Land is put to non-agricultural uses (8.92 lakh hectares), 5.42 percent is barren and uncultivable (6.07 lakh hectares) ,7.33 percent falls under other fallows (8.22 lakh hectares) and the remaining 5.93 lakh hectares is under culturable waste, permanent pastures and land under miscellaneous tree crops and groves, Which together accounts for 5.29 % of total geographical area of the state.

THE PATTERN OF LAND USE UNDER VARIOUS CATEGORIES ARE GIVEN BELOW

Area in Lakh hectares					
Sl. No	Category	2015-16		2014-15	
		AREA	% to Geographical Area	AREA	% to Geographical Area
1	Total Geographical Area	112.08	100.00	112.08	100.00
2	Forest	25.40	22.66	25.40	22.66
3	Barren and Uncultivable Land	6.07	5.42	6.07	5.42
4	Land Put to Non-Agri. Uses	8.92	7.96	8.85	7.90
5	Culturable Waste	1.82	1.62	1.82	1.62
6	Permanent Pastures and Other Grazing Lands	2.99	2.67	2.99	2.67
7	Land under Misc. Tree crops, Groves not included in Net Area Sown	1.12	1.00	1.12	1.00
8	Other Fallow Lands	8.22	7.33	8.05	7.18
9	Current Fallow Lands	15.79	14.09	14.01	12.50
10	Net Area Sown*(including Fish Culture)	41.75	37.25	43.77	39.05

- The land use pattern reveals that the net sown area stood 41.75 lakh hectares (37.25 %) of State's total geographical area of 112.08 lakh hectares and lower than that of 43.77 lakh hectares (39.05 %) during 2014-15.



DISTRICT WISE ANALYSIS :

Among 10 districts of Telangana, Mahabubnagar, with 9.03 lakh hectares of land stand largest in terms of Gross Cropped Area in 2015-16, followed by Nalgonda and Adilabad with 6.69 lakh and 6.28 lakh hectares respectively.

- Cereals, Millets and pulses occupy more than 50 percent of total GCA in Medak, Rangareddy, Nizamabad and Karimnagar districts.
- Nalgonda (with 32 percent GCA) and Karimnagar districts (with 32 percent GCA) stand at the top in terms of area and production of rice in the state.
- With 1.92 lakh hectares area under coarse cereals, Mahabubnagar stands first in terms of area under coarse cereals.
- Karimnagar district stand first in terms of production of coarse cereals with 3.77 lakh tonnes.
- Cotton is a major non-food crop in Nalgonda, Adilabad, Mahabubnagar, Warangal, karimnagar and Khammam districts.

2.1 PATTERN OF LAND UTILISATION FROM 2008-09 TO 2015-16

(Area in Lakh Hectares)

YEAR	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Forest	27.43	27.43	27.43	27.43	27.43	25.40	25.40	25.40
Barren and Uncultivable Land	6.26	6.18	6.17	6.17	6.17	6.07	6.07	6.07
Land Put to Non- Agricultural Uses	8.19	8.24	8.71	8.82	8.86	8.81	8.85	8.92
Culturable Waste	1.71	1.70	1.67	1.65	1.74	1.77	1.82	1.82
Permanent Pastures and Other Grazing Lands	3.09	3.08	3.03	3.02	3.02	3.00	2.99	2.99
Land under Misc. Tree crops, Groves not included in Net Area Sown	1.16	1.16	1.14	1.14	1.14	1.12	1.12	1.12
Other Fallow Lands	7.88	8.08	7.80	8.26	7.91	7.17	8.05	8.22
Current Fallow Lands	16.79	19.38	13.97	12.36	12.03	9.51	14.01	15.79
Net Area Sown	42.33	39.59	44.92	45.99	46.54	49.23	43.77	41.75
Geographical Area	114.84	114.84	114.84	114.84	114.84	112.08	112.08	112.08

Note: Difference in Geographical areas is due to transfer of certain villages of Khammam District to residual Andhra Pradesh.

Distribution of Land Use:

Forests

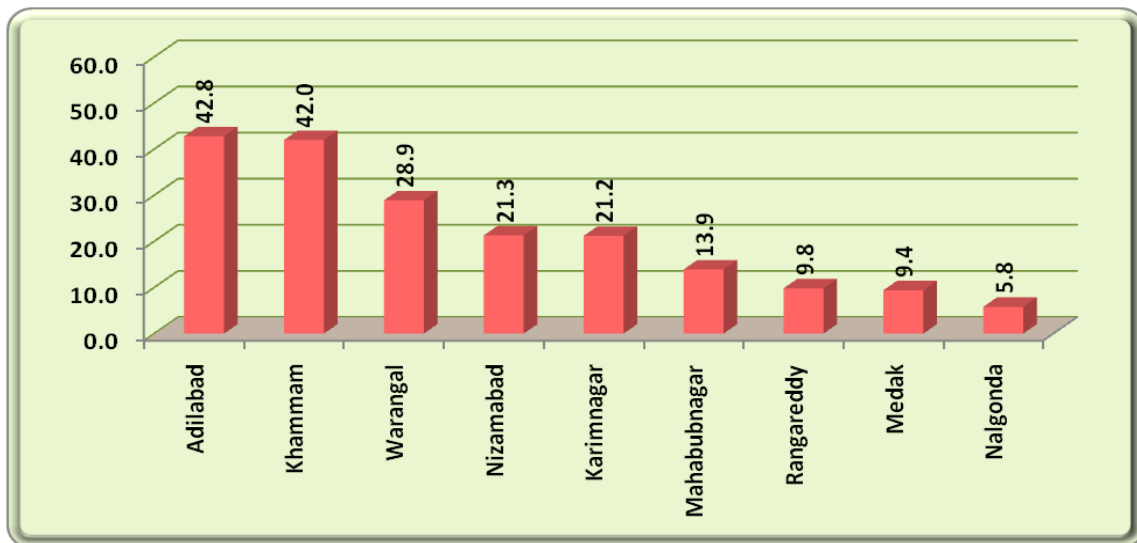
Forest cover means all lands, one hectare and more in area, with a tree canopy density of 10 percent or more irrespective of ownership and legal status. Such lands may not necessarily be a recorded forest area. It also includes orchards, bamboo and palm. India's National forest policy 1988 aims at maintaining 33 percent country's geographical area under forest and tree cover.

The Forest area of the State during 2015-16 is 25.40 lakh hectares accounting for 22.66 percent of the total geographical area in the State. Khammam, Adilabad and Warangal districts have proportionally more area under forests and these districts together accounted to nearly 63.67 percent of the total forest area in the State during 2015-16.

Forestry and logging contribution to State GSDP at current prices is 0.5% and 3.13% in Agriculture and allied sector GVA for the year 2014-15. The core objective of forests is to enhance green cover by integrating it with livelihood.

As per the forest department out of total Geographical area of the Telangana State is 1,12,077 sq.kms., 27,292 sq.kms., area is under forest, which accounts for 24.35% of total geographical area, which is including Social forestry. Out of that area, Reserved Forest area is 19,696 sq.kms., Protected Forest forms 6,953 sq.kms., and the rest of 642 sq.kms., are unclassified. District wise Percentage of Forest area to geographical area during 2015-16 is depicted in the following graph.

PERCENTAGE OF FOREST AREA TO GEOGRAPHICAL AREA DURING 2015-16



Land Put to Non - Agricultural Uses:

This includes all lands occupied by buildings, Roads, Factories and Railways and under water lands i.e. rivers, canals and other lands which put to uses other than agriculture. The area under this category is 8.92 lakh hectares accounting for 7.96 percent of the total geographical area in the state during 2015-16 as against 8.85 lakh hectares in 2014-15, recording an increase of 0.79 percent over previous year. The land put to Non Agricultural uses is further bifurcated into following 4 sub groups (i) Water Logged Area (0.06 Lakh hectares), (ii) Social Forestry (0.07 lakh hectares) (iii) Land Under Still Water (2.45 lakh hectares) and (iv) Others (6.34 lakh hectares).

Barren and Uncultivable Land:

This covers all barren and uncultivable land like mountains, deserts, etc., Land which cannot be brought under cultivation unless at a high cost shall be classified as barren and uncultivable, whether such land is in isolated blocks or within cultivated holdings. An extent of 6.07 lakh hectares of land comes under barren and uncultivable land which represents 5.42 percent of the total geographical area in the State.

Permanent Pastures and Other Grazing Lands:

Permanent Pastures and Other Grazing Lands covers all grazing lands, whether they are permanent pastures and meadows or not. Village common grazing lands under the head common grazing lands shall be included under this category. An extent of 2.99 lakh hectares of land comes under permanent pastures and other grazing lands which accounts for 2.67 percent of the Total Geographical area in the State.

Miscellaneous Tree Crops and Groves not included in the Net Area Sown:

It includes all cultivable land which is not included under net area sown but is put to some agricultural use. Lands under , thatching grass, and other groves for fuel etc. which are not included under orchards shall be included under this category. Total land under this category was 1.12 lakh hectares accounts for 1.00 percent of the total Geographical area in the State.

Culturable Waste:

This include all lands available for cultivation whether not taken up for cultivation or taken up for cultivation once but not cultivated during the current year and also in last five years or more in succession for one season in a year i.e., land which kept fallow for more than 5 years classified as culturable waste. It formed 1.62 percent of the total Geographical area in the state during 2015-16. The area under culturable waste in 2015-16 was 1.82 lakh hectares.

Other Fallow Lands:

This implies all lands, which were taken up for cultivation but are temporarily out of cultivation for a period not less than a year and not more than five years. An extent of 8.22 lakh hectares which accounts for 7.33 percent of the total geographical area was reported under this category.

The area under other fallow lands was 8.22 lakh hectares during 2015-16 as against 8.05 lakh hectares in 2014-15. showing an increase of 2.11 percent over previous year.

Current Fallows:

This class comprises areas, which are kept fallow during the current year only. If any, cultivated area is not cropped in the current year, it may be treated as current fallow. The area under current fallow during 2015-16 was 15.79 lakh hectares as against 14.01 lakh hectares in 2014-15 showing an increase of 12.63 percent over previous year, this increase may be attributed to adverse seasonal conditions and insufficient water in Irrigation sources.



2.2 DISTRICT-WISE LAND UTILISATION PARTICULARS 2015-16

(Area in Hectares)

SL. NO.	DISTRICT	TOTAL GEOGRAPHICAL AREA	FOREST	BARREN AND UNCULTIVABLE LAND	LAND PUT TO NON-AGRICULTURAL USES	CULTURABLE WASTE	PERMANENT PASTURES & OTHER GRAZING LANDS	LAND UNDER MISC. TREE CROPS AND GROVES NOT INCLUDED IN NET AREA SOWN
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	ADILABAD	1610500	689517	43920	61786	18797	14234	8504
2	NIZAMABAD	795600	169343	46833	98307	12524	19780	1540
3	KARIMNAGAR	1182300	250410	95963	96249	24253	41283	10770
4	MEDAK	970000	91390	52444	78444	18815	28860	3684
5	HYDERABAD	21700	0	0	21700	0	0	0
6	RANGAREDDY	749300	73075	27084	113294	25102	31662	6176
7	MAHABUBNAGAR	1843200	255596	87562	104201	28479	17560	6466
8	NALGONDA	1424000	83073	121336	128360	29106	64238	7392
9	WARANGAL	1284600	371014	51363	72256	12036	44911	49165
10	KHAMMAM	1326610	556683	80925	117397	13399	36069	18483
TOTAL		11207810	2540101	607430	891994	182511	298597	112180

SL. NO.	DISTRICT	OTHER FALLOW LANDS	CURRENT FALLOW LANDS	NET AREA SOWN (INCLUDING FISH PONDS)	AREA UNDER FISH PONDS	NET AREA SOWN	AREA SOWN MORE THAN ONCE	TOTAL CROPPED AREA
(1)	(2)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ADILABAD	103458	123757	546527	0	546527	81138	627665
2	NIZAMABAD	68646	117559	261068	0	261068	94168	355236
3	KARIMNAGAR	26974	215836	420562	0	420562	116256	536818
4	MEDAK	58501	181323	456539	0	456539	72610	529149
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	92071	171696	209140	0	209140	23736	232876
7	MAHABUBNAGAR	191447	316278	835611	36	835575	67878	903453
8	NALGONDA	145105	274412	570978	0	570978	98186	669164
9	WARANGAL	111722	80099	492034	0	492034	127166	619200
10	KHAMMAM	24143	97402	382109	0	382109	37478	419587
TOTAL		822067	1578362	4174568	36	4174532	718616	4893148

LAND USE PARTICULARS

CROPPING PATTERN: It refers to the proportionate area under different crops during agricultural year. The gross cropped area under all crops has decreased to 48.93 lakh hectares in 2015-16 from 53.15 Lakh hectares in 2014-15. While the area under Food crops accounted for 53.47 % and that of non-food crops formed 46.53 % only, of the gross cropped area during the year under report.

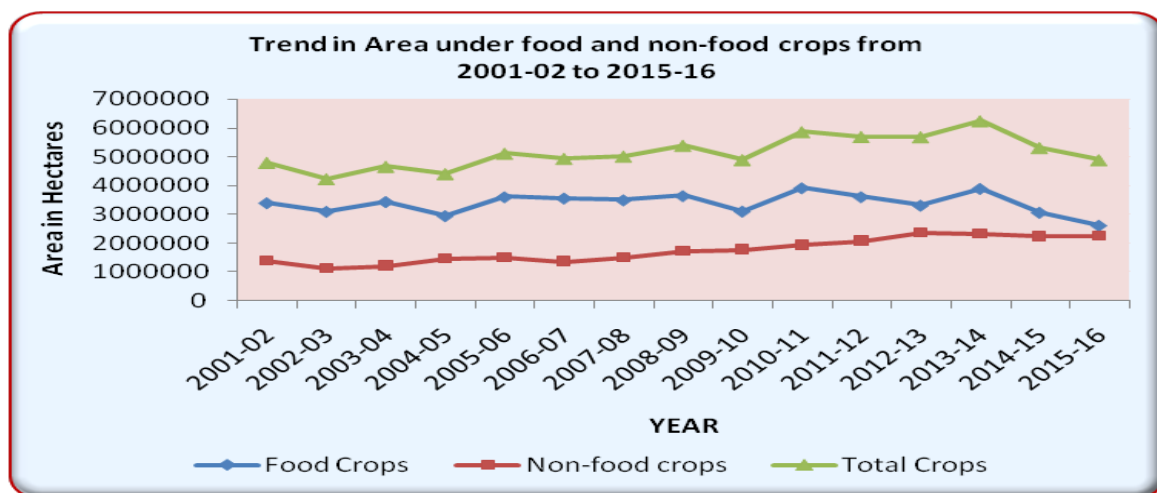
CHANGES IN CROPPING PATTERN IN TELANGANA: Food crops consisting of cereals, coarse cereals, pulses, and other food crops occupy lions share in total cropped area in the State. Research studies on State's cropping pattern reveals that more than one-third area was under food crops during 1980s. Cropping pattern from 1980s onward shifted to non-food crops in the State.

Of the total cropped area of 48.01 lakh hectares in 2001-02, around 71 percent was under food crops and 29 percent was under non-food crops. However, the share of food crops came down to 53 percent and the share of non-food crop to 47 percent during the year 2015-16. Even in absolute terms area under food crops came down from 33.99 lakh hectares in 2001-02 to 26.18 lakh hectares in 2015-16 . This indicates that area under food crops is decreasing in both absolute and relative terms and cropping pattern is shifting towards non-food crops.

AREA UNDER FOOD AND NON-FOOD CROPS FROM 2001-02 TO 2015-16

(Area in Hectares)

Sno	Year	Food Crops	%	Non-food crops	%	Total
1	2001-02	3398955	71	1402195	29	4801150
2	2002-03	3101039	73	1135145	27	4236184
3	2003-04	3438759	74	1228042	26	4666801
4	2004-05	2950757	67	1462263	33	4413020
5	2005-06	3607478	70	1510311	30	5117789
6	2006-07	3563665	72	1377784	28	4941449
7	2007-08	3499916	70	1519619	30	5019535
8	2008-09	3645770	68	1749543	32	5395313
9	2009-10	3108291	63	1790609	37	4898900
10	2010-11	3919931	67	1947895	33	5867826
11	2011-12	3610996	63	2090869	37	5701865
12	2012-13	3315395	58	2374658	42	5690053
13	2013-14	3897059	62	2346696	38	6243755
14	2014-15	3067786	58	2247547	42	5315333
15	2015-16	2617594	53	2275554	47	4893148

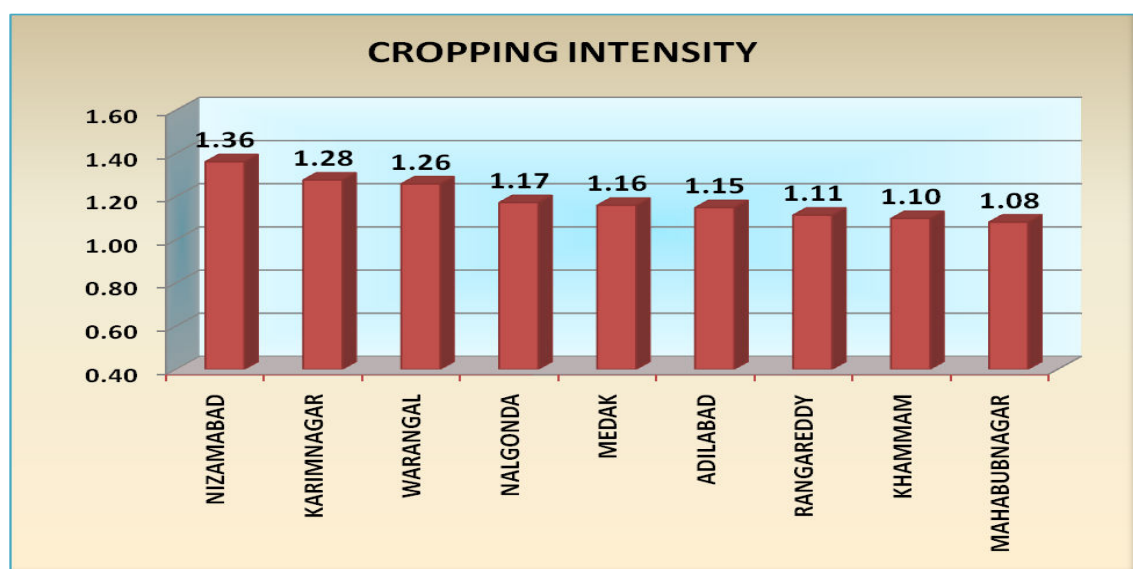


CROPPING INTENSITY:

The cropping intensity (the ratio of gross cropped area to net cropped area) is one of the indicators for assessing efficiency of agriculture sector. The cropping intensity for the year 2015-16 decreased to 1.17 from 1.21 in 2014-15, showing a decrease of 3.31 % over previous year. The level of cropping intensity moves in consonance with the behavior of the monsoon and availability of water for irrigation .

- The cropping intensity is highest in Nizamabad District (1.36) and lowest in Mahabubnagar district (1.08).

DISTRICT WISE CROPPING INTENSITY IN 2015-16



3.GROUNDWATER

Ground water Department , Government of Telangana is monitoring the changes in ground water regime continuously through a network of Piezometer wells. The water levels are recorded and the fluctuations noticed seasonally and annually are analyzed in relation to rainfall, recharge measures, drought and extraction of ground water in the area.

The average groundwater level for the State in the month of May-2016 is 15.62 m, where as it was 13.27m during the same period in the previous year. The deep water levels during May-2016 when compared to the last year water levels is due to deficit rainfall received during 2014-15 and 2015-16 resulting in a net fall of 2.35m during this year.

When the average ground water levels of May-2015 with May-2016, are compared a fall in average water levels is observed in all the districts in the entire state except in Hyderabad. The fall in water levels is observed in the range from 0.54 to 5.47m. The highest fall in average water levels is observed in Medak district.

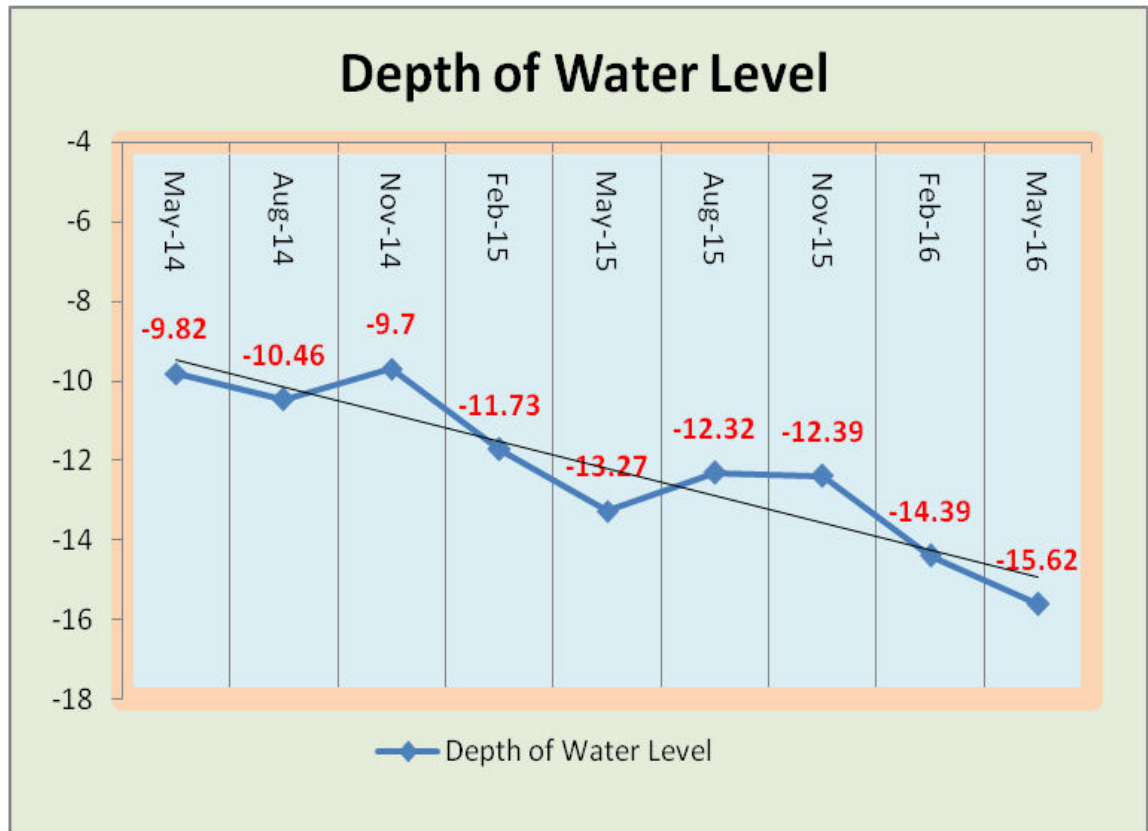
Fall in Water levels:- The water level fluctuation during May-16 in comparison with May-15 water levels indicates fall in 332 mandals in the state, Medak (41), Nizamabad (32), Mahabubnagar(52), Rangareddy(29), Karimnagar(52), Nalgonda(41), Adilabad(32) and Warangal(33) and Khammam(18) .

DISTRICT-WISE NUMBER OF MANDALS SHOWING FALL OF GROUND WATER LEVEL DURING MAY-2016 WHEN COMPARED TO MAY-2015

Sl.No	DISTRICT	Mandals	WATER LEVEL FLUCTUATIONS			Total fall in Mandals
			FALL IN m.			
			0.2	2-4m	>4	
1	ADILABAD	52	21	4	7	32
2	NIZAMABAD	36	2	10	20	32
3	KARIMNAGAR	57	32	13	7	52
4	MEDAK	46	3	8	30	41
5	HYDERABAD	16	2	0	0	2
6	RANGAREDDY	37	10	7	12	29
7	MAHABOONNAGAR	64	19	7	26	52
8	NALGONDA	59	9	13	19	41
9	WARANGAL	51	25	5	3	33
10	KHAMMAM	41	13	4	1	18
	TOTAL	459	136	71	125	332

STATEMENT SHOWING THE NUMBER OF MANDALS WITH WATER LEVELS MORE THAN 10 METERS DURING THE MONTH OF MAY 2016

Sl.No	DISTRICT	No. of Mandals	DEPTH TO WATER LEVELS RANGE			TOTAL
			10-15(m)	15-20(m)	>20(m)	
1	ADILABAD	52	5	7	5	17
2	NIZAMABAD	36	3	9	15	27
3	KARIMNAGAR	57	19	14	8	41
4	MEDAK	46	7	3	36	46
5	HYDERABAD	16	3	1	1	5
6	RANGAREDDY	37	10	4	13	27
7	MAHABOONNAGAR	64	16	10	26	52
8	NALGONDA	59	15	13	16	44
9	WARANGAL	51	16	10	5	31
10	KHAMMAM	41	16	7	2	25
	TOTAL	459	110	78	127	315



4. Landholding Pattern in Telangana

Land resource is a vital input for agriculture. Average landholding in Telangana in 2010-11 was 1.12 hectares (2.8 acres) as against the all India average of 1.16 hectares. Increase in population has put pressure, leading to fragmentation of landholdings. As shown in the Table, the share of marginal and small landholdings constitute about 86 percent of total landholdings in Telangana State in 2010-11, while their share in total area was around 55 percent. About 14 percent of total landholdings in the State were medium, ranging between 2 to 10 hectares, whereas their share in total area was 40.5 percent.

- District wise analysis shows that average landholding size was less than one hectare in Nizamabad, Karimnagar, and Medak districts showing skewed land distribution in the State.
- % area held by semi medium and small holdings is higher than marginal holdings.
- More than 60% holdings are marginal in Nizamabad, Karimnagar, Medak, Khammam and Warangal districts.
- Average size of land holding is highest (1.40 ha.) for Adilabad District and lowest (0.92 ha.) for Nizamabad District.

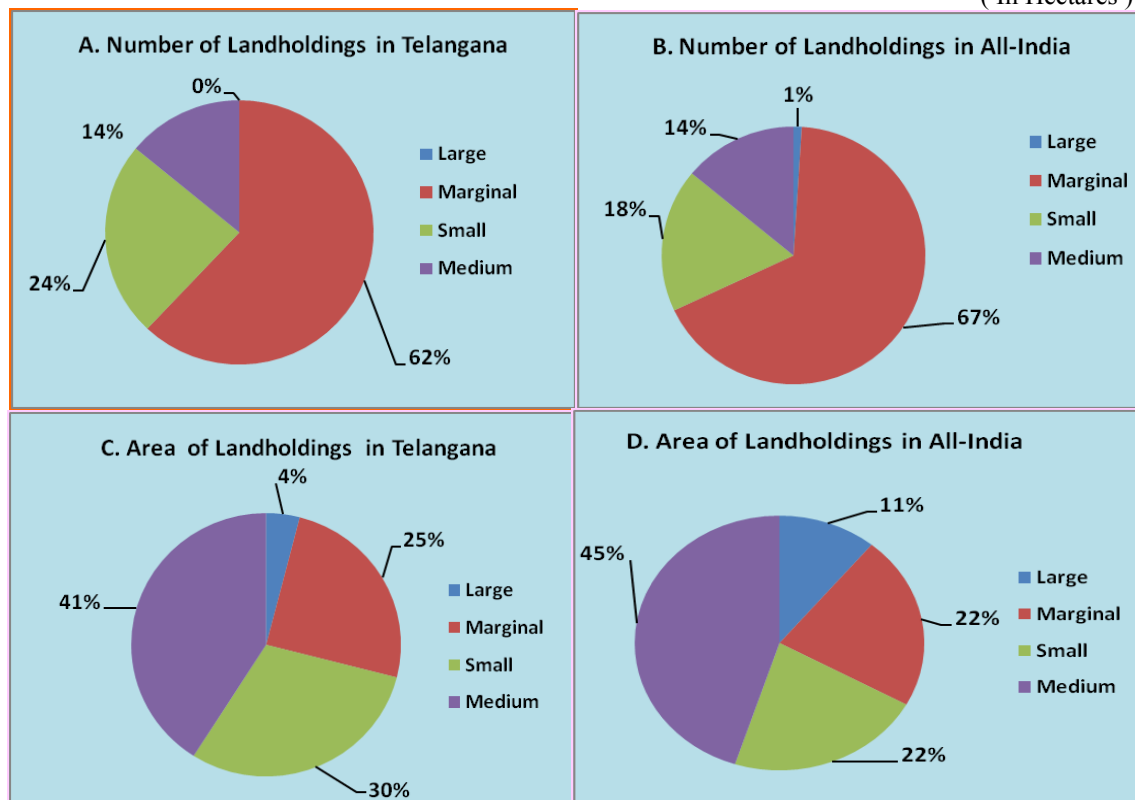
PERCENTAGE DISTRIBUTION OF HOLDINGS AND AREA BY SIZE OF HOLDINGS: 2010-11

Sl. No	District Name	Holdings					Area					Average Size of Holding (Ha)
		Marginal	Small	Semi Medium	Medium	Large	Marginal	Small	Semi Medium	Medium	Large	
1	ADILABAD	49.8	27.7	17.5	4.6	0.4	16.9	28.3	31.9	18.1	4.8	1.40
2	NIZAMABAD	67.5	23.8	7.3	1.3	0.1	33.9	36.1	20.6	7.9	1.5	0.92
3	KARIMNAGAR	67.5	21.9	8.4	2.0	0.2	30.9	31.8	22.9	11.8	2.6	0.96
4	MEDAK	67.9	21.7	7.8	2.3	0.3	29.9	31.3	21.2	13.2	4.4	0.97
5	RANGAREDDY	58.3	25.7	12.1	3.5	0.4	23.5	29.4	26.1	15.8	5.2	1.22
6	MAHABUBNAGAR	57.9	25.4	12.6	3.7	0.4	22.0	29.5	27.2	16.8	4.5	1.23
7	NALGONDA	58.8	25.3	12.1	3.5	0.3	23.1	29.9	26.9	16.5	3.6	1.19
8	WARANGAL	67.1	21.4	8.7	2.5	0.3	28.6	29.7	22.8	14.2	4.7	1.01
9	KHAMMAM	62.2	22.6	11.6	3.3	0.3	25.6	27.6	26.7	15.8	4.3	1.14
	TOTAL	62.0	23.9	10.9	3.0	0.3	25.3	30.2	25.5	15.0	4.0	1.12

As compared with all India landholding pattern in Telangana is more evenly distributed. While 85 percent of total landholdings at all-India are marginal and small landholdings, farmers possess only 44 percent of total area of land holdings as against, 86 percent of total landholdings in Telangana are marginal and small possessing 55 percent of total area of landholdings.

Percentage distribution of landholdings and area in Telangana 2010-11

(In Hectares)

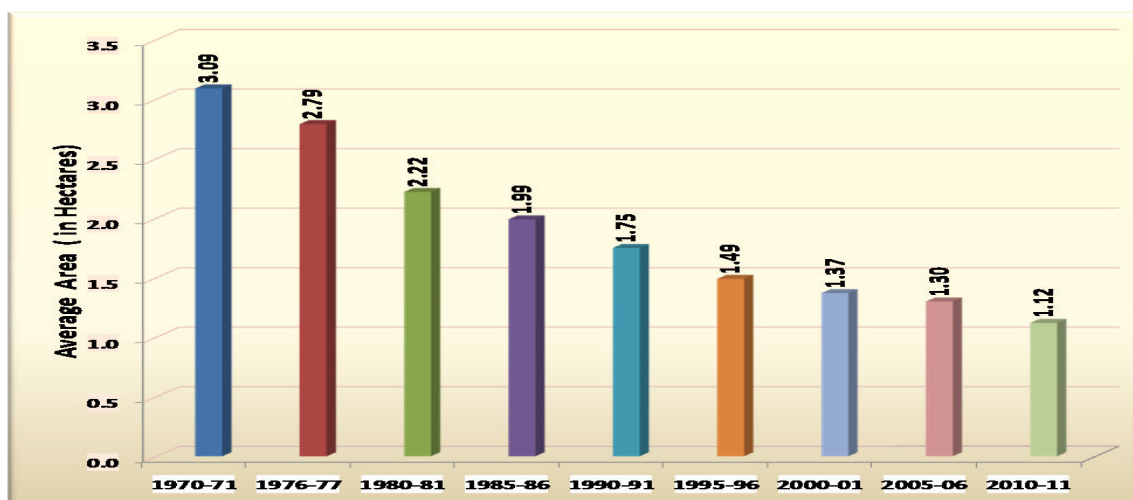


AVERAGE SIZE OF THE OPERATIONAL HOLDINGS (ALL HOLDINGS)

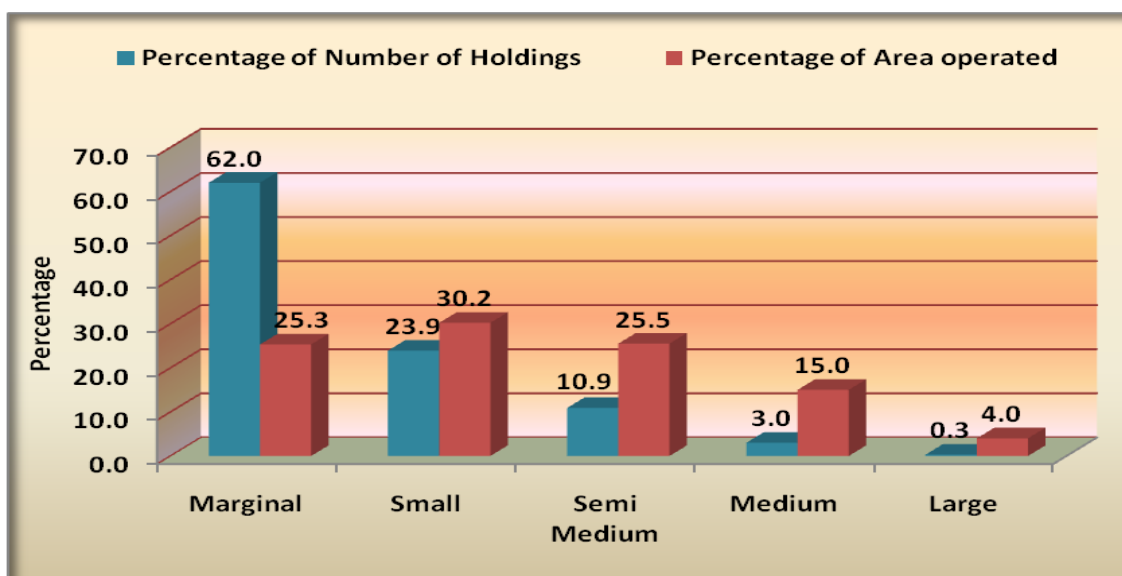
The average size of holdings in the State was 1.30 hectares in 2005-06 and it declined to 1.12 hectares in 2010-11, which shows a decline of 14.49 percent. The decrease in the average size of holdings is observed in all categories except marginal and small groups.

At all India the average size of operational holding in Agriculture Census 2010-11 was 1.15 hectares against 1.23 hectares in 2005-06. The average size relating to male and female operational holdings in 2010-11 was 1.18 hectares and 0.93 hectare against 1.25 hectares and 0.98 hectares respectively in 2005-06. The average operated area in “all size-classes” had thus decreased in general in 2010-11 as compared to 2005-06.

Size Group	Average Size		Percentage Variation of 2010-11 over 2005-06
	2005-06	2010-11	
Marginal	0.46	0.46	0.00
Small	1.41	1.41	0.00
Semi-medium	2.67	2.63	-1.51
Medium	5.67	5.54	-2.21
Large	15.90	15.56	-2.12
All Size Groups	1.30	1.12	-14.49



DISTRIBUTION OF LAND HOLDINGS AND AREA OPERATED ACCORDING TO SIZE CLASSES IS GIVEN IN THE GRAPH BELOW:



4.1 DISTRICT WISE NUMBER & AREA OF OPERATIONAL HOLDINGS 2010-11

(Area in Hectares)

SL. NO.	DISTRICT	MARGINAL (UPTO 1.0 HECT)		SMALL (1.0 - 2.0 HECT)		SEMIMEDIUM (2.0 - 4.0 HECT)	
		NO	AREA	NO	AREA	NO	AREA
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ADILABAD	259177	123211.23	143934	205873.80	90765	232726.96
2	NIZAMABAD	319431	147396.56	112836	156787.48	34521	89416.05
3	KARIMNAGAR	447037	197255.80	145008	203103.42	55390	146024.91
4	MEDAK	465100	198483.72	148880	207684.78	53339	140624.96
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	199947	98739.74	87956	123361.80	41522	109697.64
7	MAHABUBNAGAR	569133	265070.02	249386	355355.56	124201	328081.40
8	NALGONDA	445269	208551.91	191508	270762.47	91364	243422.55
9	WARANGAL	444887	190929.88	141881	198411.98	57388	151869.54
10	KHAMMAM	291106	137140.46	105973	148010.60	54435	143271.15
TOTAL		3441087	1566779.32	1327362	1869351.89	602925	1585135.16

SL. NO.	DISTRICT	MEDIUM (4.0 - 10.0 HECT)		LARGE (10.0 & ABOVE)		TOTAL	
		NO	AREA	NO	AREA	NO	AREA
(1)	(2)	(9)	(10)	(11)	(12)	(13)	(14)
1	ADILABAD	23989	131979.75	2130	34787.45	519995	728579.19
2	NIZAMABAD	6306	34280.37	434	6595.23	473528	434475.69
3	KARIMNAGAR	13829	75425.02	1081	16881.22	662345	638690.37
4	MEDAK	15415	87110.42	1809	29027.83	684543	662931.71
5	HYDERABAD	0	0	0	0	0	0.00
6	RANGAREDDY	11831	66499.56	1415	21335.65	342671	419634.39
7	MAHABUBNAGAR	36014	202454.68	3580	53900.73	982314	1204862.39
8	NALGONDA	26845	149199.63	2202	32299.45	757188	904236.01
9	WARANGAL	17051	94946.97	1854	31152.66	663061	667311.03
10	KHAMMAM	15553	84863.50	1270	22819.09	468337	536104.80
TOTAL		166833	926759.90	15775	248799.31	5553982	6196825.58

5. AGRO CLIMATIC ZONES

Based on the distribution of Rainfall and Soils, the state has been divided into 4 Agro-climatic zones i.e., 1) Northern Telangana Zone 2) Central Telangana Zone 3) Southern Telangana Zone and 4) High Altitude & Tribal Zone

1. Northern Telangana zone: - This zone includes the districts of Adilabad, Karimnagar and Nizamabad. The annual normal rainfall is 900 mm to 1150 mm mostly from south west monsoon. The maximum and minimum temperatures during south west monsoon range from 21^oC to 25^oC and 32^oC to 37^oC respectively. Red soils are predominant in the zone which includes chalkas, red sands and deep red loams. Very deep Black cotton soils are seen in the Zone.

2. Central Telangana zone: - This zone includes the districts of Medak, Warangal and Khammam Districts and it receives an annual normal rainfall of 800 mm-1150 mm. The maximum and minimum temperatures during south west monsoon range from 21^oC to 25^oC and 22^oC to 37^oC . respectively. Red soils are predominant in the zone which includes chalkas, red sands and deep red loams. very deep black cotton soils are also seen in the zone.

3. Southern Telangana zone: - This zone comprises of the districts of Rangareddy, Hyderabad, Mahaboobnagar and Nalgonda. The annual normal rainfall is 600 mm - 780 mm. The maximum and minimum temperatures during south west monsoon range from 28^oC to 34^oC and 22^oC to 23^oC respectively. This zone is a predominantly red soil tract having red with loamy sub-soil i.e., chlakas.

4. High Altitude and Tribal zone: - This zone consists of the areas along the Northern and Eastern borders of the state in the districts of Adilabad and Khammam . These areas are inhabited by Tribals. The annual normal rainfall is around 1400mm . The important soils Red sandy loams and Red loams with clay base with very small patches of Alluvial soils. The maximum and minimum temperatures during south west monsoon range from 13^oC to 27^oC and 29^oC to 34^oC and respectively.



Sl. No	Name of the zone	Districts	Soil type	Important crops grown	Normal Rain fall (in mm)
1	2	3	4	5	6
1	Northern Telangana Zone	Karimnagar, Nizamabad, Adilabad	Red Earths with loamy sub soils (Chalkas) and black cotton soils.	Rice, Maize, Soyabean, Cotton, Redgram, Turmeric	900-1150
2	Central Telangana Zone	Warangal, Khammam, Medak	Red earths with loamy soils (Chalkas), Red sandy soils and BC soils in pockets.	Cotton, Rice, Maize, Greengram, Mango, Chillies,	800-1150
3	Southern Telangana Zone	Mahabubnagar Nalgonda Rangareddy and Hyderabad	Red soils chalks.	Cotton, Rice, Redgram, Maize, Greengram,	600-780
4	High Altitude & Tribal Areas Zone	High Altitude & Tribal Areas of Adilabad And Khammam.	Red sandy loams and patches of all Aerial soils.	Chillies, Rice Cotton and Horticulture crops.	1400 Around

Source : Agricultural University , Rajendranagar , Hyderabad.

6. AGRICULTURE PRODUCTION SCENARIO-2015-16:

As per final Estimates for 2015-16, total production of rice in the state is estimated at 30.47 lakh tones, which is lower by 14.98 lakh tones when compare to the last year's production of 45.45 lakh tonnes.

- Production of Maize estimated as 17.51 lakh tonnes is also a lower when compare to the previous year 2014-15 production of 23.08 lakh tonnes . Production of rice as well as Maize is register considerably lower than their average production levels.
- The production of Cereals & Millets is estimated as 48.98 lakh tones is lower by 20.57 lakh tonnes than the last year's production of 69.55 lakh tonnes and also lower than the average production of last five years.
- Total food grains production estimated as 51.45 lakh tonnes is lower by 20.73 lakh tonnes when compare to the last year's production of 72.18 lakh tones.
- Production of pulses and oilseeds estimated as 2.47 lakh tonnes and 5.79 lakh tonnes respectively are lower by 0.16 lakh tonnes and 1.43 lakh tonnes respectively over last year's production levels.
- The current year's production of Sugarcane estimated as 24.05 lakh tonnes is lower by 9.38 lakh tones to that of the last year production. The production of Cotton is estimated as 37.33 lakh bales (of 170 kg each) registered an increase of 1.50 lakh bales over the previous year cotton production . A statement showing crop-wise area and production of foodgrains, oilseeds and commercial crops during the period from 2013-14 to 2015-16 are given in statement.

Crops	Area(Lakh Hectares)			Production(lakh tones)			Yield(kg/hectare)		
	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16
Rice	19.95	14.15	10.46	65.81	45.45	30.47	3300	3211	2913
Maize	7.50	6.92	5.73	35.12	23.08	17.51	4681	3338	3057
Cereals & millets	28.75	22.05	17.08	102.21	69.55	48.98	3556	3155	2867
Pulses	5.56	4.08	4.72	4.65	2.63	2.47	835	644	524
Food grains	34.31	26.13	21.80	106.86	72.18	51.45	3115	2763	2360
Groundnut	2.10	1.55	1.28	3.55	2.95	2.06	1691	1907	1611
Soyabean	2.42	2.43	2.43	3.90	2.62	2.52	1610	1081	1036
Oil seeds	5.86	5.00	4.54	8.79	7.22	5.79	1500	1442	1276
Sugarcane	0.39	0.38	0.35	33.76	33.43	24.05	85898	87654	68911
Cotton#	17.03	16.93	17.73	42.35	35.83	37.33	423	360	358

Production in lakh Bales of 170 Kg each Bale.

AREA UNDER FOOD AND NON-FOOD CROPS

The area brought under food crops during 2015-16 is 26.17 lakh hectares as against 30.68 lakh hectares in 2014-15, showing a decrease of 14.70 % over previous year. The area under non-food crops is increased to 22.76 lakh hectares as against 22.47 lakh hectares in 2014-15, showing an increase of 1.29 %. Due to area increased under Cotton crop.

TABLE-1
AREA UNDER FOOD AND NON-FOOD CROPS

(Area in lakh hectares)

SL. NO	ITEM	2015-16			2014-15		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
(1)	(2)	(3)	(4)	(5)	(3)	(4)	(5)
1	Cereals & Millets	12.52	4.56	17.08	14.88	7.17	22.05
2	Pulses	3.73	0.99	4.72	3.12	0.96	4.08
3	Total Food grains	16.25	5.55	21.80	18.00	8.13	26.13
4	Other Food Crops	3.44	0.93	4.37	3.44	1.11	4.55
5	Total food crops	19.69	6.48	26.17	21.44	9.24	30.68
6	Total non-food crops	21.18	1.58	22.76	20.31	2.16	22.47
7	Gross Area sown	40.87	8.06	48.93	41.75	11.40	53.15

The area under food grains is decreased to 21.80 lakh hectares during 2015-16 as against 26.13 lakh hectares in 2014-15 the decrease being 16.57 % over previous year area. The reason to decrease in area under foodgrain crops, due to non receipt of sufficient water in irrigation sources and untimely rains. The area and production of food grains in the state for the last five years are shown below.

TABLE - 2

SL.NO	YEAR	AREA (IN LAKH HECTARES)			PRODUCTION (IN LAKH TONNES)		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Average of preceding 5 years	20.55	10.39	30.94	49.92	31.83	81.75
2	2011-12	21.71	9.38	31.09	48.61	26.40	75.01
3	2012-13	19.68	8.68	28.36	54.91	27.51	82.42
4	2013-14	22.04	12.27	34.31	65.28	41.58	106.86
5	2014-15	18.00	8.13	26.13	44.72	27.46	72.18
6	2015-16	16.25	5.55	21.80	35.75	15.70	51.45

Area and Production of Food grains from 2005-06 to 2015-16

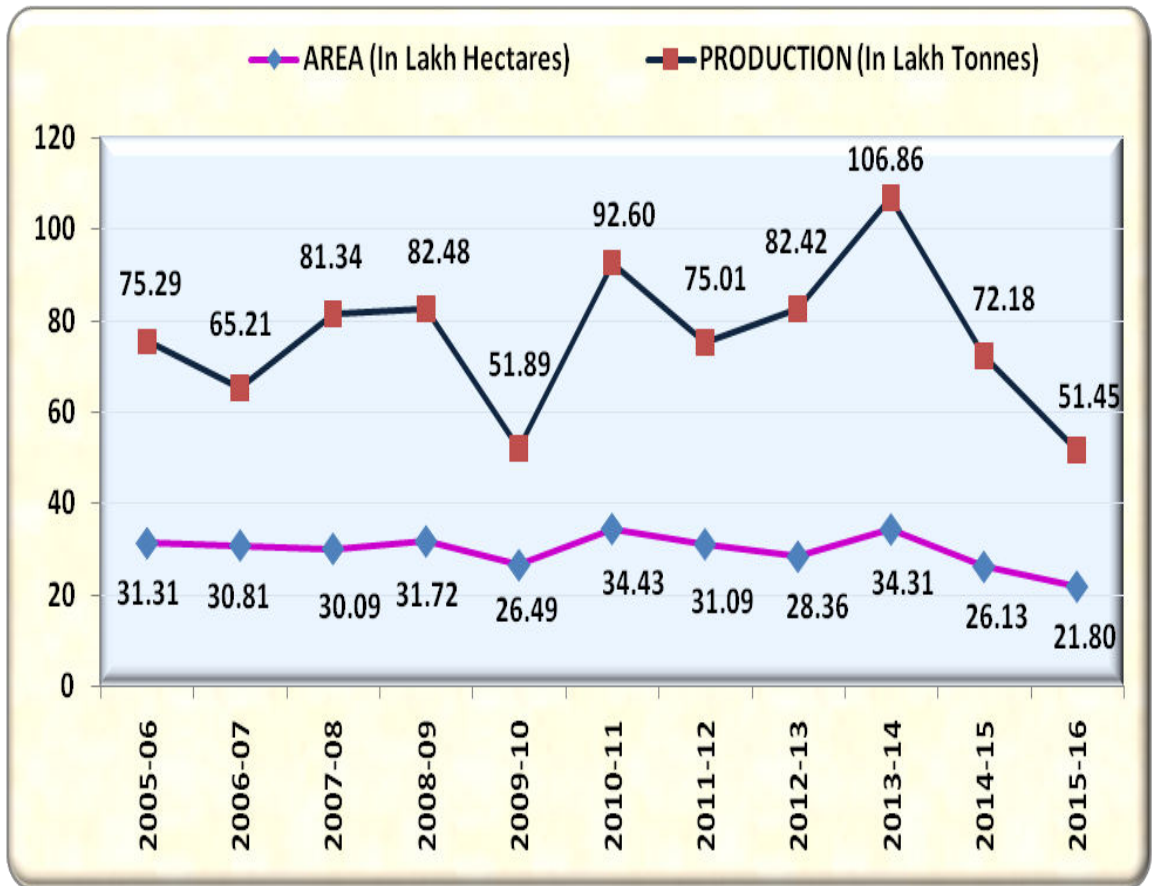


TABLE - 6.1
CROP-WISE AREA OF PRINCIPAL CROPS DURING 2015-16 AND 2014-15

(Area in Thousand Hectares)

SL. NO	NAME OF THE CROP	2015-16			2014-15		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	Rice	749	297	1046	920	495	1415
2	Wheat	0	5	5	0	6	6
3	Jowar	45	31	76	43	36	79
4	Bajra	2	4	6	2	9	11
5	Maize	454	119	573	522	170	692
6	Ragi	1	N	1	1	1	2
7	Total Major Millets	502	154	656	568	216	784
8	Small Millets	1	N	1	N	0	N
9	Total Cereals & Millets	1252	456	1708	1488	717	2205
10	Redgram	248	1	249	220	1	221
11	Blackgram	24	8	32	20	8	28
12	Greengram	99	12	111	70	18	88
13	Horsegram	N	2	2	N	2	2
14	Bengalgram	0	70	70	0	59	59
15	Cowgram	2	6	8	2	10	12
16	Rajma Beans	0	N	N	0	N	N
17	Anumulu	N	N	N	N	N	N
18	Yerrapappu	0	N	N	0	N	N
19	Total Pulses	373	99	472	312	96	408
20	Total Food grains	1625	555	2180	1800	813	2613
21	Ground nut	14	114	128	13	142	155
22	Castor	47	1	48	50	1	51
23	Seasamum	4	10	14	6	18	24
24	Soyabean	243	N	243	243	N	243
25	Sunflower	1	11	12	1	17	18
26	Rapeseed & Mustard	0	1	1	0	2	2
27	Linseed	0	N	N	0	N	N
28	Safflower	0	4	4	0	4	4
29	Palmoil	4	0	4	3	0	3
30	Total oil seeds	313	141	454	315	185	500
31	Cotton	1773	0	1773	1693	0	1693
32	Sugarcane	35	0	35	38	0	38
33	Onion	5	11	16	6	8	14
34	Potato	0	2	2	N	3	3
35	Chillies	65	16	81	55	18	73
36	Turmeric	42	0	42	43	N	43
37	Tobacco	2	4	6	2	4	6

TABLE - 6.2
CROP-WISE PRODUCTION OF PRINCIPAL CROPS DURING 2015-16 AND 2014-15

(Production in Thousand Tonnes)

SL. NO	NAME OF THE CROP	2015-16			2014-15		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	Rice	2197	850	3047	2855	1690	4545
2	Wheat	0	17	17	0	7	7
3	Jowar	51	25	76	47	36	83
4	Bajra	1	4	5	2	9	11
5	Ragi	1	N	1	1	1	2
6	Maize	1161	590	1751	1409	899	2308
7	Total Major Millets	1214	619	1833	1459	945	2404
8	Small Millets	1	N	1	N	0	N
9	Total Cereals & Millets	3412	1486	4898	4314	2642	6956
10	Redgram	104	1	105	108	1	109
11	Blackgram	11	7	18	13	3	16
12	Greengram	47	9	56	35	10	45
13	Horsegram	N	1	1	N	1	1
14	Bengalgram	0	50	50	0	81	81
15	Cowgram	1	16	17	2	8	10
16	Rajma Beans	0	N	N	0	N	N
17	Anumulu	N	N	N	N	N	N
18	Yerrapappu	0	N	N	0	N	N
19	Total Pulses	163	84	247	158	104	262
20	Total Food grains	3575	1570	5145	4472	2746	7218
21	Ground nut	21	185	206	21	274	295
22	Castor	17	N	17	29	1	30
23	Seasamum	N	3	3	1	8	9
24	Soyabean	252	N	252	262	N	262
25	Sunflower	1	12	13	1	24	25
26	Rapeseed & Mustard	0	2	2	0	4	4
27	Linseed	0	N	N	0	N	N
28	Safflower	0	3	3	0	3	3
29	Palmoil	83	0	83	92	0	92
30	Total oil seeds	374	205	579	406	314	720
31	Cotton*	3733	0	3733	3583	0	3583
32	Sugarcane	2405	0	2405	3343	0	3343
33	Onion	75	315	390	86	229	315
34	Potato	0	28	28	N	41	41
35	Chillies	183	45	228	180	73	253
36	Turmeric	184	0	184	216	N	216
37	Tobacco	4	11	15	3	13	16

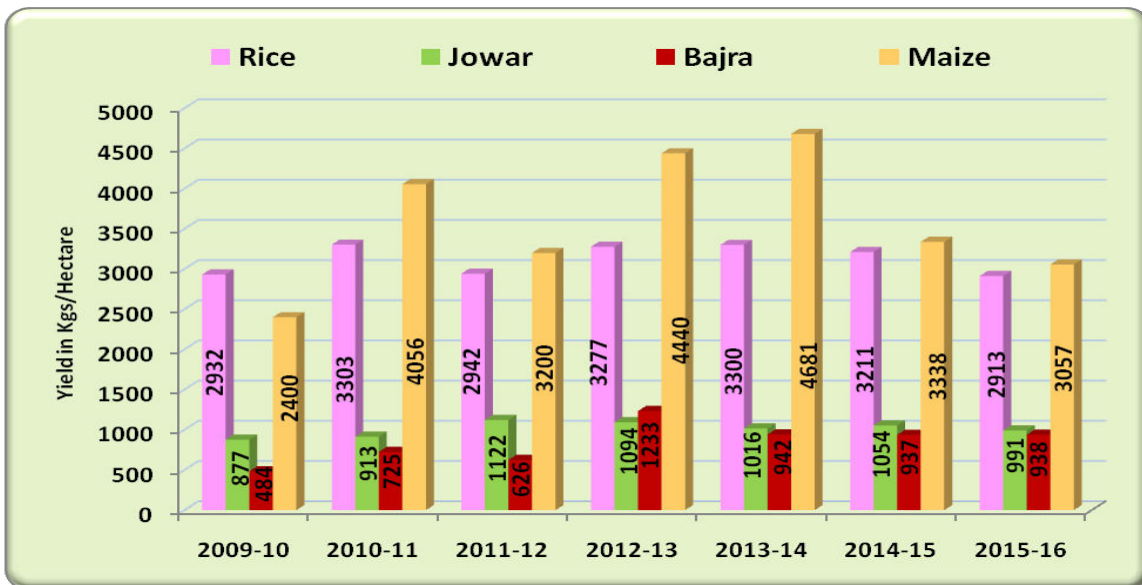
TABLE - 6.3
CROP-WISE PRODUCTIVITY OF PRINCIPAL CROPS DURING 2015-16 AND 2014-15

(in Kgs/Hectare)

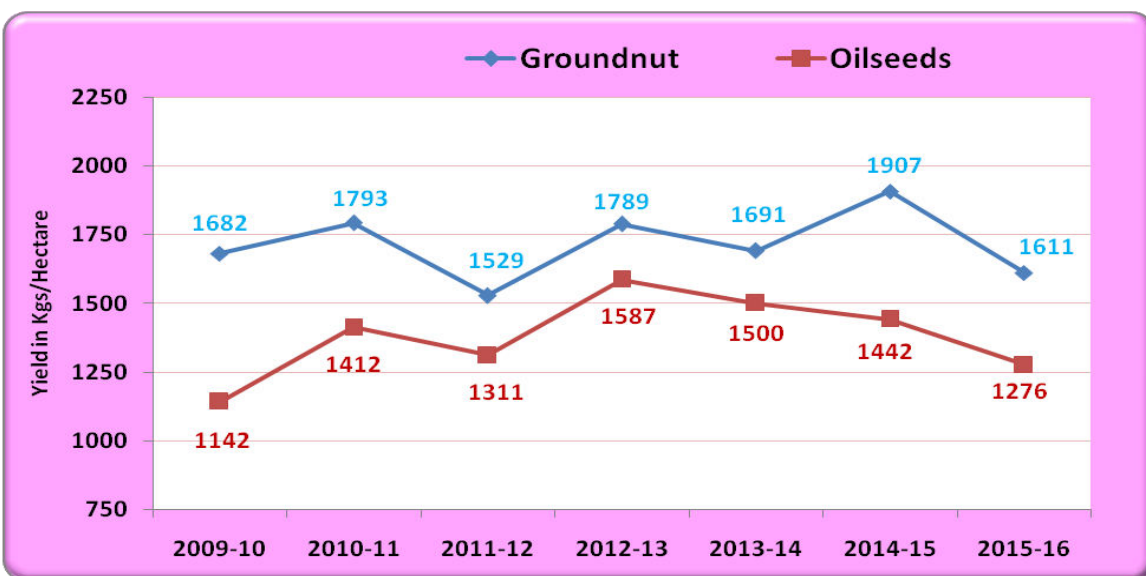
SL. NO	NAME OF THE CROP	2015-16			2014-15		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	Rice	2934	2858	2913	3102	3414	3211
2	Wheat	0	3413	3413	0	1189	1189
3	Jowar	1119	807	991	1103	997	1054
4	Bajra	938	938	938	937	937	937
5	Ragi	544	618	559	1115	1254	1145
6	Maize	2556	4978	3057	2699	5303	3338
7	Total Major Millets	2419	4017	2794	2570	4383	3069
8	Small Millets	797	797	797	633	0	633
9	Total Cereals & Millets	2725	3255	2867	2899	3687	3155
10	Redgram	420	662	421	494	699	495
11	Blackgram	464	788	546	656	406	583
12	Greengram	480	773	512	495	589	513
13	Horsegram	216	448	389	519	382	413
14	Bengalgram	0	721	721	0	1370	1370
15	Cowgram	524	2679	2109	920	982	972
16	Rajma Beans	0	402	402	0	998	998
17	Anumulu	370	252	362	514	1630	815
18	Yerrapappu	0	358	358	0	389	389
19	Total Pulses	439	846	524	507	1087	644
20	Total Food grains	2201	2826	2360	2484	3379	2763
21	Ground nut	1596	1613	1611	1736	1922	1907
22	Castor	358	354	358	578	578	496
23	Seasamum	37	281	210	198	467	405
24	Soyabean	1036	1066	1036	1081	1352	1081
25	Sunflower	910	1175	1154	1019	1428	1397
26	Rapeseed & Mustard	0	1220	1220	0	1758	1758
27	Linseed	0	419	419	0	401	401
28	Safflower	0	670	670	0	746	746
29	Palmoil	21382	0	21382	0	28683	28683
30	Total oil seeds	1198	1450	1276	1289	1697	1440
31	Cotton	358	0	358	360	0	360
32	Sugarcane	68911	0	68911	87654	0	87654
33	Onion	14130	30145	24781	15545	27315	24500
34	Potato	0	12823	12823	19222	13523	13540
35	Chillies	2803	2734	2789	3250	4100	3456
36	Turmeric	4333	0	4333	4674	6453	4975
37	Tobacco	2448	2677	2617	2259	2749	2625

Yield Levels and Yield Gap:

Productivity (Production in kilogram per hectare of Land) of rice crop is almost stable between the period 2009-10 and 2015-16(chart). It is 2913 kilogram per hectare in 2015-16. Productivity of Maize has shown fluctuations. It has fallen to a low of 2400 kg per hectare in 2009-10 but has been rising after 2011-12. In 2015-16 the Productivity of maize is 3057 kg.



Productivity of oil seeds is 1565 kg in 2013-14 slightly lower than 1587 kg in 2012-13. The productivity of groundnut from 2009-10 to 2015-16 is shown in chart.



Highest yield for rice crop is registered in Nizamabad and Lowest in Rangareddy district. The gap between the State average and the district yields in rice crop is high in Mahabubnagar, Rangareddy, and Adilabad. Yield gaps are also high for jowar, maize, redgram, blackgram, bengalgram, cotton, turmeric for south Telangana. North Telangana has advantage in crops like rice, jowar, maize, redgram, bengalgram, gingelly, tobacco. Nizamabad has advantage in rice and redgram, Khammam has advantage in maize, Warangal in cotton. These crops and districts can be identified as drivers for furthering agricultural growth.

DISTRICT WISE YIELD OF IMPORTANT CROPS (KGS/HECTARE) TRIENNIUM ENDING 2014-15

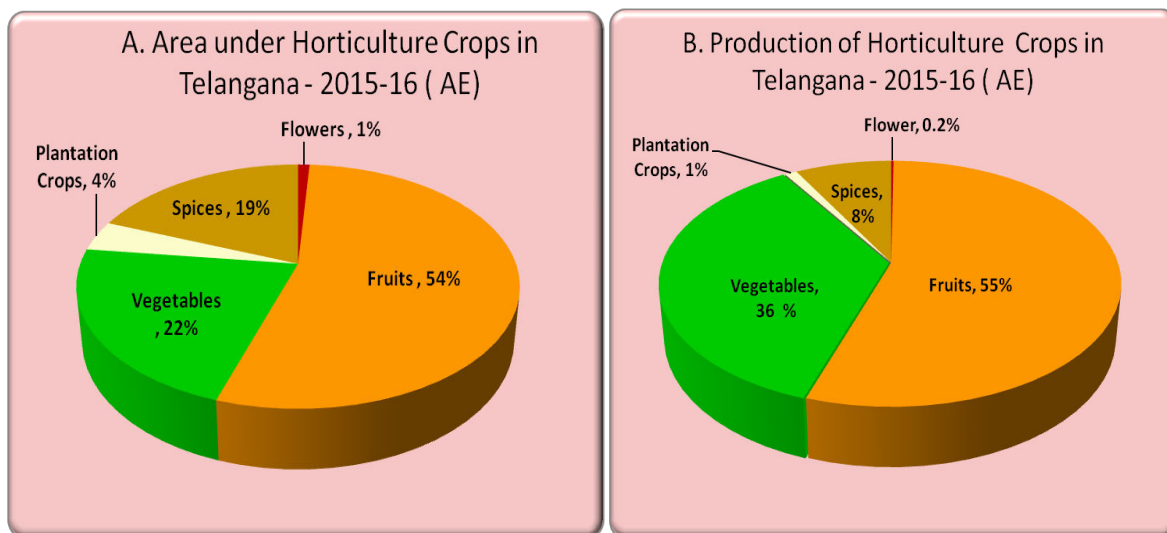
Sl.No	District	Rice	Maize	Bengalgram	Cotton (Lint)	Chillies	Turmeric
1	Adilabad	2637	3278	1346	340	1582	6325
2	Nizamabad	3828	5204	7745	307	3851	4540
3	Karimnagar	3566	5237	1025	431	2509	6369
4	Medak	3434	3339	1378	434	1090	2827
5	Hyderabad	0	0	0	0	0	0
6	Rangareddy	2435	3467	1152	368	3562	4255
7	Mahabubnagar	2706	3254	1686	343	3175	5277
8	Nalgonda	3187	1984	1517	339	2900	5277
9	Warangal	3169	4906	1279	429	3328	4834
10	Khammam	3069	5253	1517	507	4275	5277
	TOTAL	3263	4153	1517	388	3516	5278



7.HORTICULTURE

Horticulture is a major sub sector of agriculture sector and important for its growth. Horticulture is a significant contributor to the economy by generating employment to unskilled and semiskilled rural poor. As per the 1st Advanced Estimates, horticulture crops are grown in an area of 7.01 lakh hectares in 2015-16 producing about 74.79 MTs output. Of the total horticulture cultivated area, fruits constitutes around 54.5%, followed by vegetables and spices with 22.2% and 19.1% respectively. Floriculture constitute about 0.4% of area under horticulture. Out of the total production of horticulture in 2015-16, fruits constitute around 55% followed by vegetables, spices and flowers with 36%, 8% and 0.2% respectively .

DISTRIBUTION OF AREA AND PRODUCTION AMONG HORTICULTURE CROPS



Out of the total horticulture area, highest area is covered by mango 29%, followed by mosambi 19%. Among vegetable crops, tomato and onion cover around 33% and 15% of the area respectively and 39 % and 16% of production under vegetable. Among spices, the turmeric and red chilli cover around 41% and 31% of the area and 55% and 20% of production respectively. Among flowers, marigold covers around 50% of the area and 65% of production.



Major Schemes for promotion of Horticulture in Telangana:

1) Micro Irrigation Project: The major objective of the Micro Irrigation scheme is to achieve more productivity with less water through micro irrigation system. In addition, micro irrigation benefits farmers with less fertiliser, pesticide use, labour cost. Estimated monetary benefits accruing through micro irrigation in the State is given in the Table .

Impact evaluation of the Telangana State Micro Irrigation Project

1	Area covered	5.33 lakh ha (13.17 lakh acres)
2	Additional Productivity	Rs.790.20 Cr @ Rs.6000/- per acre
3	Labour saving	Rs.263.40 Cr @ Rs 2000/- per Acre
4	Fertilizer & Pesticides Saving	Rs.131.70 Cr @ Rs 1000/- per Acre
5	Energy saving	Rs 171.21 Cr @ Rs 4/- per Unit
6	Water saved (145.4 TMC)	Rs 13,170 Cr @ Rs1.00 lakh /Acre)

Recognising the importance of micro irrigation, subsidy is extended upto 5 hectares of land to all categories of farmers as compared to the earlier limitation of Rs. 1.0 lakh subsidy per family with coverage of 1Ha in erstwhile Andhra Pradesh.100 percent subsidy is being provided to farmers belonging to Scheduled Castes and Scheduled Tribes, 90 percent to small and marginal farmers and 80 percent to other farmers. Farmer having once availed subsidy under MIP, is eligible for fresh sanctions after a period of 5 years. During the year 2015-16, it is proposed to cover an area of 39,620 hectares and so far about 36,852 hectares is covered under the scheme.

2) Establishment of Green Houses/ Polyhouses: Establishment of Green Houses/ Polyhouses is a flagship programme of the State Government. Polyhouses scheme is being implemented since 2014-15 with the following major objectives: (i) Enhancing productivity per unit area, (ii) Promotion of high value Horticulture crops under Poly houses, and (iii) Year round production of flower and Vegetable crops.

The Polyhouse Scheme is being implemented to encourage year round production of vegetable and flower crops to enhance productivity and to meet the demand. Farmers are provided 75 percent subsidy with a maximum of Rs 29.52 lakh per acre. Beneficiaries are eligible up to minimum of 200 sq.mts., and maximum of 3 acres. Preference is given to small farmers with a landholding of 0.5 to 1.0 acre area.

The farmers are given choice for construction of poly houses on their own or through registered companies. So far in an extent of 245 acres works were initiated and the number of beneficiaries covered are 196, in Rangareddy, Medak, Mahabubnagar, Nalgonda and Karimnagar districts.

3) Mission for Integrated Development of Horticulture: Mission for Integrated Development of Horticulture scheme is a sub scheme of National Horticulture Mission, being implemented to promote holistic growth of horticulture sector through research, technology promotion, extension, post-harvest management, processing and marketing. Rs. 81 crore have been allocated for implementation of the scheme during 2015-16, of which Rs.36.27 crore have been spent so far on activities such as establishment of new gardens, rejuvenation of senile gardens, training, farm mechanization and post-harvest management etc.

4) Post-Harvest Management: Horticulture crops are highly perishable and require special attention on harvesting, handling, packaging, storage and processing operations. The focus is on development of post-harvest infrastructure facilities like Pack houses, Cold storages, Refer Vans, Ripening Chambers etc. Assistance is extended to 8 Cold storages, 3 Ripening Chambers and 55 Turmeric boiling units.

5) Establishment of Centre of Excellence for fruits, flowers and vegetables crops: Two Centres of Excellence for fruits, flowers and vegetable crops are being established in the State at Jeedimetla in Rangareddy and Mulugu in Warangal district to supply quality seeds and planting material for farmers growing horticultural crops, apart from providing demonstration and training. A Centre of Excellence for Fruits is also proposed to establish as an Indo-Israeli Project, incorporating all the aspects of fruit cultivation right from planting to post-harvest management. Further, to promote procurement, storage, processing and marketing of horticulture products in the State, it is proposed to set up Telangana Horticulture Development Corporation. Sri Konda Laxman Telangana State Horticulture University has been set up in Medak District.

6) Urban Farming: Government is providing seed mini-kits, poly bags, potting mixture, neem cake, neem oil and tools at 50% subsidy to cultivate vegetable on terrace and balconies in urban areas. The objective of the Scheme is to encourage urban households to produce sufficient quantities of vegetables throughout the year.

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8.18	Groundnut	81-82
8.19	Seasamum(Gingelly)	83-84
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RICE:

8.1.1 Rice is the principal crop extensively cultivated in all the districts of the State both in Kharif and Rabi seasons. Paddy crop accounted for 21.38 percent of the total cropped area and 47.99 percent of the total area under Food-grain crops during 2015-16. The area under Rice during 2015-16 was 10.46 lakh hectares as against 14.15 lakh hectares in 2014-15, showing a decrease of 26.07 percent over previous year Areas. The area under Rice decreased due to unfavorable seasonal conditions and inadequate water in Irrigation Sources during the current year. The Nalgonda District is at the top with an area of 2.13 lakh hectares followed by Warangal 1.81 lakh hectares, Karimnagar 1.70 lakh hectares, Khammam 1.22 lakh hectares, Nizamabad 0.98 and Mahabubnagar 0.96 lakh hectares.

8.1.2 The production of Rice during 2015-16 was at 30.47 lakh tonnes as against 45.45 lakh tonnes in 2014-15, showing a decrease of 32.96 percent over previous year. The Production was decreased due to decrease in the area significantly and unfavorable seasonal conditions during the current year when compared to previous year.

8.1.3 The productivity of Rice is 2913 Kgs/hect in 2015-16 as against 3211 Kgs/ hect. in 2014-15 showing a decrease of 9.28 percent over previous year. The area, productivity and production of Rice Crop from 2000-01 to 2015-16 are given in table 8.1.

TABLE-8.1
AREA, PRODUCTION AND PRODUCTIVITY OF RICE CROP
(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	11.17	4.31	15.48	30.90	13.27	44.17	2767	3079	2854
2	2001-02	8.79	4.30	13.09	23.44	12.22	35.66	2666	2840	2723
3	2002-03	7.55	2.00	9.55	15.22	4.89	20.11	2017	2443	2106
4	2003-04	7.41	2.76	10.17	21.34	7.65	28.99	2880	2768	2849
5	2004-05	6.51	2.08	8.59	16.27	5.81	22.08	2500	2800	2572
6	2005-06	9.31	5.30	14.61	27.50	16.65	44.15	2954	3141	3022
7	2006-07	9.60	5.29	14.89	26.46	16.09	42.55	2757	3041	2858
8	2007-08	8.43	5.63	14.06	26.18	18.25	44.43	3106	3239	3160
9	2008-09	10.26	6.65	16.91	31.73	21.88	53.61	3093	3286	3169
10	2009-10	5.95	5.20	11.15	16.35	16.34	32.69	2749	3141	2932
11	2010-11	11.25	8.54	19.79	35.36	30.00	65.36	3143	3513	3303
12	2011-12	11.64	5.86	17.50	33.62	17.86	51.48	2889	3049	2942
13	2012-13	9.57	4.61	14.18	31.23	15.25	46.48	3263	3305	3277
14	2013-14	11.67	8.28	19.95	37.68	28.13	65.81	3231	3397	3300
15	2014-15	9.20	4.95	14.15	28.55	16.90	45.45	3102	3414	3211
16	2015-16	7.49	2.97	10.46	21.97	8.50	30.47	2934	2858	2913

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: RICE

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	42575	36084	14929	13996	57504	50080
2	NIZAMABAD	80451	112427	17578	56845	98029	169272
3	KARIMNAGAR	116345	179282	54053	99151	170398	278433
4	MEDAK	61512	73983	22659	36910	84171	110893
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	17116	23817	7167	11065	24283	34882
7	MAHABUBNAGAR	66075	111302	30203	49468	96278	160770
8	NALGONDA	127904	177458	84826	145917	212730	323375
9	WARANGAL	127156	95515	53917	46492	181073	142007
10	KHAMMAM	109579	110439	12143	35269	121722	145708
TOTAL		748713	920307	297475	495113	1046188	1415420

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	108571	81003	43025	45123	151596	126126
2	NIZAMABAD	208770	404400	54017	216125	262787	620525
3	KARIMNAGAR	381263	632136	172699	358827	553962	990963
4	MEDAK	174884	234342	64895	128742	239779	363084
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	44399	60376	17007	30838	61406	91214
7	MAHABUBNAGAR	149451	282357	65571	135740	215022	418097
8	NALGONDA	390235	549765	230218	491594	620453	1041359
9	WARANGAL	402403	282059	170539	155376	572942	437435
10	KHAMMAM	337054	328435	32288	127744	369342	456179
TOTAL		2197030	2854873	850259	1690109	3047289	4544982

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	2550	2245	2882	3224	2636	2518
2	NIZAMABAD	2595	3597	3073	3802	2681	3666
3	KARIMNAGAR	3277	3526	3195	3619	3251	3559
4	MEDAK	2843	3168	2864	3488	2849	3274
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	2594	2535	2373	2787	2529	2615
7	MAHABUBNAGAR	2262	2537	2171	2744	2233	2601
8	NALGONDA	3051	3098	2714	3369	2917	3220
9	WARANGAL	3165	2953	3163	3342	3164	3080
10	KHAMMAM	3076	2974	2659	3622	3034	3131
TOTAL		2934	3102	2858	3414	2913	3211

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: RICE

KHARIF 2015-16

(area in Hectares)

SL. NO.	DISTRICT	IRRIGATED			UNIRRIGATED		
		AREA	YIELD IN KG.S /HECT.	PRODUCTION IN '000' TONES	AREA	YIELD IN KG.S / HECT.	PRODUCTION IN '000' TONNES
1	ADILABAD	36036	2745	98919	6539	1476	9652
2	NIZAMABAD	80451	2595	208770	0	0	0
3	KARIMNAGAR	116345	3277	381263	0	0	0
4	MEDAK	61488	2844	174872	24	485	12
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	17116	2594	44399	0	0	0
7	MAHABUBNAGAR	62376	2335	145648	3699	1028	3803
8	NALGONDA	127904	3051	390235	0	0	0
9	WARANGAL	125160	3166	396257	1996	3079	6146
10	KHAMMAM	91596	3177	291000	17983	2561	46054
TOTAL		718472	2967	2131363	30241	2171	65667

CROP: WHEAT

Area in hectares , Production in Tonnes , Yield in Kgs/ hectare)

SL. NO.	DISTRICT	AREA		PRODUCTION		YIELD	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	2728	2997	13329	3563	4886	1189
2	NIZAMABAD	814	1196	1890	1971	2322	1648
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	1207	1246	906	933	751	749
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	203	388	777	461	3826	1189
7	MAHABUBNAGAR	0	1	0	1	0	1189
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		4952	5828	16902	6929	3413	1189

JOWAR :

8.2.1 Jowar is the principal food grain crop in the State. It is sown both in Kharif and Rabi seasons mostly under rain fed conditions. This crop accounted for 1.56 percent of the total cropped area and 3.50 percent of the total food grain cropped Area in the State. Jowar Crop is predominantly grown in the districts of Mahabubnagar, Adilabad, Medak, Rangareddy and Nizamabad . These districts together accounted for 94.98 percent of the total area under this crop during 2015-16 in the State. The area sown under jowar was 0.76 lakh hectares during 2014-15 as against 0.79 lakh hectares in 2014-15, showing a decrease of 3.80 percent.

8.2.2 The production of jowar was 0.76 lakh tonnes during 2015-16 as against 0.83 lakh tonnes in 2014-15, showing a decrease of 8.43 percent. The decrease in production is mainly due to decrease in area during the year 2015-16 .

8.2.3 The yield rate of jowar was 991 Kgs per hectare during 2015-16, as against 1054 kgs per hectare 2014-15, showing a decrease of 5.98 percent over the previous year. The area, productivity and production of Jowar crop from 2000-01 to 2015-16 are given in Table – 8.2.

**TABLE-8.2
AREA, PRODUCTION AND PRODUCTIVITY OF JOWAR CROP**

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	3.01	2.31	5.32	2.84	1.56	4.40	942	678	827
2	2001-02	2.79	2.30	5.09	2.67	1.92	4.59	959	833	902
3	2002-03	2.52	2.15	4.67	2.48	1.84	4.32	984	857	926
4	2003-04	2.27	2.06	4.33	2.08	1.65	3.73	915	803	861
5	2004-05	1.68	1.92	3.60	1.47	1.22	2.69	874	637	748
6	2005-06	1.49	1.66	3.15	1.79	1.36	3.15	1200	823	1001
7	2006-07	1.31	1.49	2.80	1.37	1.10	2.47	1049	739	884
8	2007-08	1.28	1.02	2.30	1.73	0.96	2.69	1355	940	1171
9	2008-09	1.01	0.75	1.76	1.22	0.74	1.96	1214	975	1112
10	2009-10	1.20	1.04	2.24	1.08	0.89	1.97	897	854	877
11	2010-11	1.06	0.60	1.66	1.02	0.50	1.52	963	825	913
12	2011-12	0.75	0.54	1.29	0.93	0.51	1.44	1237	962	1122
13	2012-13	0.75	0.48	1.23	0.90	0.44	1.34	1200	926	1094
14	2013-14	0.71	0.36	1.07	0.77	0.32	1.09	1085	881	1016
15	2014-15	0.43	0.36	0.79	0.47	0.36	0.83	1103	997	1054
16	2015-16	0.45	0.31	0.76	0.51	0.25	0.76	1119	807	991

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: JOWAR

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	9753	10338	8629	9787	18382	20125
2	NIZAMABAD	825	617	4885	7245	5710	7862
3	KARIMNAGAR	0	4	52	1271	52	1275
4	MEDAK	7972	7006	6711	5027	14683	12033
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	5673	5281	2117	2763	7790	8044
7	MAHABUBNAGAR	19688	18420	6270	6337	25958	24757
8	NALGONDA	1225	815	937	1077	2162	1892
9	WARANGAL	25	134	1361	2349	1386	2483
10	KHAMMAM	0	1	235	529	235	530
TOTAL		45161	42616	31197	36385	76358	79001

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	11440	10276	6998	7448	18438	17724
2	NIZAMABAD	498	357	4377	11063	4875	11420
3	KARIMNAGAR	0	4	98	1940	98	1944
4	MEDAK	9271	7714	5315	5022	14586	12736
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	8447	6680	2089	2429	10536	9109
7	MAHABUBNAGAR	20279	21625	5091	5792	25370	27417
8	NALGONDA	572	267	231	376	803	643
9	WARANGAL	20	72	789	1602	809	1674
10	KHAMMAM	0	1	188	599	188	600
TOTAL		50527	46996	25176	36271	75703	83267

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	1173	994	811	761	1003	881
2	NIZAMABAD	604	578	896	1527	854	1453
3	KARIMNAGAR	0	1103	1882	1526	1885	1525
4	MEDAK	1163	1101	792	999	993	1058
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	1489	1265	987	879	1353	1132
7	MAHABUBNAGAR	1030	1174	812	914	977	1107
8	NALGONDA	467	327	247	349	371	340
9	WARANGAL	796	541	580	682	584	674
10	KHAMMAM	0	1103	802	1132	800	1132
TOTAL		1119	1103	807	997	991	1054

BAJRA:

8.3.1 Bajra crop is generally sown under rain-fed conditions in kharif season and as Irrigated in Rabi season in the State . The Bajra crop predominantly grown in Adilabad , Nizamabad, Mahabubnagar and Karimnagar districts. During the year 2015-16 and these districts together accounted for 92.97 percent of the total area under the crop in the state during 2015-16. The area cultivated under this crop is 0.06 lakh hectare in the year 2015-16 as against 0.11 lakh hectare in 2014-15 showing a decrease of 45.45 percent.

8.3.2 The production of Bajra was 0.06 lakh tonnes in 2015-16 as against 0.11 lakh tonnes during previous year i.e.,2014-15 showing a decrease of 45.45% when compared to previous year i.e., 2014-15.

8.3.3 The average yield rate of Bajra was 938 kgs./hect. in 2015-16 as against 937 kgs/hect. in 2014-15, showing a slight increase of 0.11 percent. The area, productivity and production of Bajra crop from 2000-01 to 2015-16 are given in Table 8.3.

TABLE-8.3
AREA, PRODUCTION AND PRODUCTIVITY OF BAJRA CROP

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	0.36	0.09	0.45	0.22	0.05	0.27	600	601	600
2	2001-02	0.29	0.07	0.36	0.14	0.03	0.17	467	467	467
3	2002-03	0.28	0.06	0.34	0.13	0.03	0.16	474	474	474
4	2003-04	0.35	0.08	0.43	0.21	0.05	0.26	611	611	611
5	2004-05	0.21	0.07	0.28	0.07	0.02	0.09	316	315	315
6	2005-06	0.18	0.08	0.26	0.12	0.05	0.17	634	634	634
7	2006-07	0.11	0.09	0.20	0.04	0.03	0.07	353	353	353
8	2007-08	0.12	0.12	0.24	0.07	0.08	0.15	640	641	640
9	2008-09	0.14	0.08	0.22	0.09	0.05	0.14	634	634	634
10	2009-10	0.07	0.10	0.17	0.03	0.05	0.08	429	500	471
11	2010-11	0.07	0.12	0.19	0.05	0.09	0.14	725	725	725
12	2011-12	0.04	0.07	0.11	0.02	0.05	0.07	626	626	626
13	2012-13	0.06	0.04	0.10	0.05	0.07	0.12	893	1670	1233
14	2013-14	0.04	0.09	0.13	0.04	0.08	0.12	942	942	942
15	2014-15	0.02	0.09	0.11	0.02	0.09	0.11	937	937	937
16	2015-16	0.02	0.04	0.06	0.02	0.04	0.06	938	938	938

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: BAJRA

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	1644	1582	1644	1582
2	NIZAMABAD	0	0	1581	6063	1581	6063
3	KARIMNAGAR	0	0	1037	1503	1037	1503
4	MEDAK	285	294	0	9	285	303
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	65	51	0	9	65	60
7	MAHABUBNAGAR	1223	1582	0	0	1223	1582
8	NALGONDA	53	41	2	0	55	41
9	WARANGAL	6	7	4	77	10	84
10	KHAMMAM	0	0	0	0	0	0
TOTAL		1632	1975	4268	9243	5900	11218

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	1542	1482	1542	1482
2	NIZAMABAD	0	0	1483	5681	1483	5681
3	KARIMNAGAR	0	0	973	1408	973	1408
4	MEDAK	267	275	0	8	267	283
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	61	48	0	8	61	56
7	MAHABUBNAGAR	1166	1504	0	0	1166	1504
8	NALGONDA	31	17	1	0	32	17
9	WARANGAL	6	7	4	72	10	79
10	KHAMMAM	0	0	0	0	0	0
TOTAL		1531	1851	4003	8659	5534	10510

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	938	937	938	937
2	NIZAMABAD	0	0	938	937	938	937
3	KARIMNAGAR	0	0	938	937	938	937
4	MEDAK	938	937	0	937	938	937
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	938	937	0	937	938	937
7	MAHABUBNAGAR	953	951	0	0	953	951
8	NALGONDA	583	405	583	0	583	405
9	WARANGAL	938	937	938	937	938	937
10	KHAMMAM	0	0	0	0	0	0
TOTAL		938	937	938	937	938	937

RAGI :

8.4.1 Ragi crop is sown both under rain fed and irrigation conditions in Khairf and Rabi seasons respectively . Mahaboobnagar District alone accounted for 76.63 percent and followed by Rangareddy District 22.50 percent of the total area under the crop in the state during 2015-16. The area sown under Ragi was 0.01 lakh hectare during 2015-16 as against the same 0.02 lakh hectare in 2014-15.

8.4.2 The production of Ragi was 0.01 lakh tonnes in 2015-16 as against 0.02 lakh tonnes in 2014-15 as such production was decreased during the current year over previous year.

8.4.3 The yield rate of Ragi was 559 in 2015-16 as against 1145 Kgs/hect. in 2014-15, showing a decrease of 51.18 percent when compared to previous year. The area, productivity and production of Ragi crop from 2000-01 to 2015-16 are given in the Table– 8.4.

**TABLE-8.4
AREA, PRODUCTION AND PRODUCTIVITY OF RAGI CROP**

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	0.19	0.01	0.20	0.19	0.03	0.22	1030	1732	1084
2	2001-02	0.09	0.01	0.10	0.12	0.01	0.13	1275	1749	1313
3	2002-03	0.10	0.01	0.11	0.11	0.01	0.12	1157	1292	1168
4	2003-04	0.12	0.01	0.13	0.14	0.01	0.15	1112	1755	1144
5	2004-05	0.07	0.01	0.08	0.14	0.01	0.15	1903	1801	1896
6	2005-06	0.09	0.01	0.10	0.15	0.01	0.16	1583	1816	1594
7	2006-07	0.05	0.00	0.05	0.07	0.01	0.08	1524	1655	1536
8	2007-08	0.05	0.00	0.05	0.08	0.01	0.09	1793	1517	1771
9	2008-09	0.04	N	0.04	0.05	0.01	0.06	1494	1710	1513
10	2009-10	0.02	N	0.02	0.01	0.01	0.02	798	1857	1005
11	2010-11	0.02	0.01	0.03	0.02	0.01	0.03	1221	1474	1258
12	2011-12	0.02	N	0.02	0.02	0.01	0.03	1189	1767	1274
13	2012-13	0.02	N	0.02	0.03	N	0.03	1350	1446	1358
14	2013-14	0.01	0.01	0.02	0.01	0.01	0.02	1434	1555	1470
15	2014-15	0.01	N	0.01	0.01	0.01	0.02	1115	1254	1145
16	2015-16	0.01	N	0.01	0.01	N	0.01	544	618	559

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: RAGI

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	4	8	4	8
2	NIZAMABAD	0	0	0	2	0	2
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	4	5	0	0	4	5
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	151	312	56	115	207	427
7	MAHABUBNAGAR	587	879	118	206	705	1085
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		742	1196	178	331	920	1527

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	2	9	2	9
2	NIZAMABAD	0	0	0	2	0	2
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	2	6	0	0	2	6
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	166	688	61	254	227	942
7	MAHABUBNAGAR	236	639	47	150	283	789
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		404	1333	110	415	514	1748

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	544	1115	544	1115
2	NIZAMABAD	0	0	0	1115	0	1115
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	544	1114	0	0	544	1114
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	1097	2205	1097	2205	1097	2205
7	MAHABUBNAGAR	402	727	402	727	402	727
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		544	1115	618	1254	559	1145

MAIZE :

8.5.1 Maize crop is predominantly grown in Telangana State. This crop accounted for 11.71 percentage of the total cropped area in the State during 2015-16. The Maize is large extent grown in the districts of Mahabubnagar, Medak, Karimnagar Warangal, Rangareddy and Nizamabad districts and these districts together accounted for 92.22 percent of the total area under the crop in the State and Mahabubnagar district alone accounted for 28.38 percent of total area under the crop. The area under Maize was 5.73 lakh hectares during 2015-16 as against 6.92 lakh hectares in 2014-15, showing a decrease of 17.20 percentage over previous year.

8.5.2 The production of Maize was estimated at 17.51 lakh tonnes during 2015-16 as against 23.08 lakh tonnes in 2014-15, showing a decrease of 24.13 percent over previous year due to decrease in the area and also decrease of average yield per hectare during 2015-16.

8.5.3 The average yield rate of Maize was 3057 Kgs/hect. in 2015-16 as against 3338 Kgs/hect. in 2014-15, showing a decrease of 8.42 percent over previous year. The area, productivity and production of Maize from 2000-01 to 2015-16 are given in the Table –8.5.

**TABLE-8.5
AREA, PRODUCTION AND PRODUCTIVITY OF MAIZE CROP**

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	3.87	0.62	4.49	9.94	2.86	12.80	2568	4593	2849
2	2001-02	3.10	0.60	3.70	9.12	2.74	11.86	2943	4539	3204
3	2002-03	3.81	0.70	4.51	8.80	2.82	11.62	2311	4036	2579
4	2003-04	5.10	0.89	5.99	15.90	3.92	19.82	3115	4403	3306
5	2004-05	4.61	0.71	5.32	11.09	2.42	13.51	2405	3416	2539
6	2005-06	5.49	0.89	6.38	19.18	4.21	23.39	3492	4740	3666
7	2006-07	4.95	0.96	5.91	11.59	4.67	16.26	2341	4843	2750
8	2007-08	4.71	1.33	6.04	21.54	7.18	28.72	4570	5397	4752
9	2008-09	4.45	1.56	6.01	13.59	8.34	21.93	3057	5350	3652
10	2009-10	4.57	1.12	5.69	8.32	5.34	13.66	1822	4742	2400
11	2010-11	3.90	1.20	5.10	14.36	6.33	20.69	3677	5295	4056
12	2011-12	4.49	1.42	5.91	12.09	6.83	18.92	2692	4810	3200
13	2012-13	4.74	1.89	6.63	19.78	9.66	29.44	4169	5122	4440
14	2013-14	5.53	1.97	7.50	24.37	10.75	35.12	4407	5446	4681
15	2014-15	5.22	1.69	6.91	14.09	8.99	23.08	2699	5303	3338
16	2015-16	4.54	1.19	5.73	11.61	5.90	17.51	2556	4978	3057

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: MAIZE

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	11181	9764	10233	13614	21414	23378
2	NIZAMABAD	32976	39136	9080	18518	42056	57654
3	KARIMNAGAR	45611	53598	39338	54493	84949	108091
4	MEDAK	102855	110476	13556	17149	116411	127625
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	45140	45795	2252	2405	47392	48200
7	MAHABUBNAGAR	159806	176277	2757	6216	162563	182493
8	NALGONDA	2251	2869	289	977	2540	3846
9	WARANGAL	43140	67200	31702	40189	74842	107389
10	KHAMMAM	11348	16750	9279	16045	20627	32795
TOTAL		454308	521865	118486	169606	572794	691471

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	34885	25601	38517	43156	73402	68757
2	NIZAMABAD	146578	191688	33151	92312	179729	284000
3	KARIMNAGAR	186868	245318	189452	296987	376320	542305
4	MEDAK	218053	170464	41048	56043	259101	226507
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	171126	131935	10733	11169	181859	143104
7	MAHABUBNAGAR	202954	317122	10929	32242	213883	349364
8	NALGONDA	1567	2163	1439	5181	3006	7344
9	WARANGAL	157763	267994	203907	257652	361670	525646
10	KHAMMAM	41466	56330	60638	104694	102104	161024
TOTAL		1161260	1408615	589814	899436	1751074	2308051

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	3120	2622	3764	3170	3428	2941
2	NIZAMABAD	4445	4898	3651	4985	4274	4926
3	KARIMNAGAR	4097	4577	4816	5450	4430	5017
4	MEDAK	2120	1543	3028	3268	2226	1775
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	3791	2881	4766	4644	3837	2969
7	MAHABUBNAGAR	1270	1799	3964	5187	1316	1914
8	NALGONDA	696	754	4978	5303	1183	1910
9	WARANGAL	3657	3988	6432	6411	4832	4895
10	KHAMMAM	3654	3363	6535	6525	4950	4910
TOTAL		2556	2699	4978	5303	3057	3338

PULSES:

8.6.1 Pulses comprise Redgram, Bengalgram, Greengram, Blackgram, Horsegram Cowgram and other pulses. The area under these pulses accounted for about 9.64 percent of the total cropped area and 21.64 percent of the total food grains cropped area in the State during 2015-16. The area under pulses was 4.72 lakh hectares during 2015-16 as against 4.08 lakh hect. in 2014-15, which shows an increase of 15.69 % over previous year.

8.6.2 Out of 2.47 lakh tonnes of production of pulses in the State during 2015-16 Redgram, Greengram, Bengalgram and Blackgram Crops reported 1.05, 0.56, 0.50 and 0.18 lakh tonnes respectively and these crops production constitutes 92.71 per cent of the total pulses production. The production of pulses was 2.47 lakh tonnes during 2015-16 as against 2.62 lakh tonnes in 2014-15, showing a decrease of 5.73 percent over previous year. The decrease in production is due to decrease in the area under pulses crops and also decrease in yields of major pulses crops during 2015-16. The area and production of pulses from 2000-01 to 2015-16 are shown in the Table –8.6.

TABLE-8.6
AREA, PRODUCTION AND PRODUCTIVITY OF PULSES

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	6.49	0.79	7.28	2.25	0.41	2.66	347	519	365
2	2001-02	6.12	1.02	7.14	2.21	0.60	2.81	361	588	394
3	2002-03	6.25	1.13	7.38	2.13	0.86	2.99	341	761	405
4	2003-04	7.16	1.57	8.73	3.66	2.41	6.07	511	1535	695
5	2004-05	5.73	3.00	8.73	2.23	0.86	3.09	389	287	354
6	2005-06	5.55	2.14	7.69	2.93	2.60	5.53	528	1215	719
7	2006-07	5.29	1.57	6.86	1.91	1.77	3.68	361	1127	536
8	2007-08	5.59	1.72	7.31	3.14	2.02	5.16	562	1174	706
9	2008-09	5.04	1.60	6.64	2.47	2.15	4.62	490	1344	696
10	2009-10	5.24	1.88	7.12	1.28	2.09	3.37	244	1112	473
11	2010-11	5.94	1.63	7.57	2.92	1.82	4.74	492	1117	626
12	2011-12	4.78	1.40	6.18	1.93	1.03	2.96	404	736	479
13	2012-13	4.52	1.59	6.11	2.91	2.00	4.91	644	1258	804
14	2013-14	4.07	1.49	5.56	2.40	2.25	4.65	589	1512	835
15	2014-15	3.12	0.96	4.08	1.58	1.04	2.62	506	1083	642
16	2015-16	3.73	0.99	4.72	1.63	0.84	2.47	439	846	520

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: PULSES

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	46491	44374	15186	15863	61677	60237
2	NIZAMABAD	13398	13285	19002	9604	32400	22889
3	KARIMNAGAR	7293	6500	7376	11051	14669	17551
4	MEDAK	63231	45708	12667	11022	75898	56730
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	38698	38435	3977	4915	42675	43350
7	MAHABUBNAGAR	126726	106954	25278	22555	152004	129509
8	NALGONDA	43202	24505	3342	2881	46544	27386
9	WARANGAL	24417	25312	5315	8544	29732	33856
10	KHAMMAM	9423	6734	6731	9925	16154	16659
TOTAL		372879	311807	98874	96360	471753	408167

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	43692	35241	17350	17227	61042	52468
2	NIZAMABAD	5238	4078	10451	10216	15689	14294
3	KARIMNAGAR	3914	3799	7510	10238	11424	14037
4	MEDAK	24613	20838	13295	11633	37908	32471
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	12484	18261	4471	4875	16955	23136
7	MAHABUBNAGAR	30951	47959	9020	38205	39971	86164
8	NALGONDA	20975	10044	1401	1101	22376	11145
9	WARANGAL	15779	14464	14110	4770	29889	19234
10	KHAMMAM	6032	3411	6088	6474	12120	9885
TOTAL		163678	158095	83696	104739	247374	262834

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	940	794	1142	1086	990	871
2	NIZAMABAD	391	307	550	1064	484	624
3	KARIMNAGAR	537	584	1018	926	779	800
4	MEDAK	389	456	1050	1055	499	572
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	323	475	1124	992	397	534
7	MAHABUBNAGAR	244	448	357	1694	263	665
8	NALGONDA	486	410	419	382	481	407
9	WARANGAL	646	571	2655	558	1005	568
10	KHAMMAM	640	507	904	652	750	593
TOTAL		439	507	846	1087	524	644

REDGRAM

8.7.1 Redgram crop is sown predominantly under rain-fed conditions extensively in Kharif season only. The crop is sown in the months of June to August in the State. This crop is largely grown in Mahabubnagar, Adilabad, Ranga Reddy, Medak and Nalgonda districts which together accounted for 92.52 percent of the total area under this crop in the State during 2015-16. Mahabubnagar district alone accounts for 46.59 percent of total area under this crop. The area under Redgram crop during 2015-16 was 2.49 lakh hectares as against 2.21 lakh hectares in 2014-15 showing an increase of 12.67 percent over previous year.

8.7.2 The production of Redgram crop during 2015-16 was 1.05 lakh tonnes as against 1.09 lakh tonnes in 2014-15, showing a decrease of 3.67 percent due to decrease in area and yield rate during 2015-16 over previous year.

8.7.3 The yield rate of Redgram was 421 kgs per hectare in 2015-16 as against 495 kgs per hectare in 2014-15, showing a decrease of 14.95 percent. The Area, Productivity and Production of Redgram from 2000-01 to 2015-16 are given in the Table –8.7.

TABLE-8.7
AREA, PRODUCTION AND PRODUCTIVITY OF REDGRAM

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	2.50	0.03	2.53	0.92	0.01	0.93	366	333	368
2	2001-02	2.25	0.03	2.28	0.92	0.01	0.93	406	333	408
3	2002-03	2.30	0.04	2.34	0.86	0.02	0.88	376	500	376
4	2003-04	2.76	0.05	2.81	1.28	0.02	1.30	462	400	463
5	2004-05	2.49	0.07	2.56	1.00	0.03	1.03	402	429	402
6	2005-06	2.66	0.00	2.66	1.63	0.00	1.63	615	0	615
7	2006-07	2.45	0.05	2.50	1.04	0.03	1.07	426	600	428
8	2007-08	2.51	0.03	2.54	1.64	0.02	1.66	653	667	654
9	2008-09	2.59	0.03	2.62	1.25	0.02	1.27	485	667	485
10	2009-10	2.76	0.17	2.93	1.03	0.08	1.11	374	478	380
11	2010-11	3.37	0.04	3.41	1.49	0.02	1.51	443	417	443
12	2011-12	2.98	0.01	2.99	0.90	0.01	0.91	303	494	304
13	2012-13	2.74	0.02	2.76	1.52	0.01	1.53	554	583	554
14	2013-14	2.61	0.02	2.63	1.39	0.01	1.40	529	660	530
15	2014-15	2.20	0.01	2.21	1.08	0.01	1.09	494	699	495
16	2015-16	2.48	0.01	2.49	1.04	0.01	1.05	420	662	421

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: REDGRAM

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	37507	34731	419	543	37926	35274
2	NIZAMABAD	5055	3380	5	0	5060	3380
3	KARIMNAGAR	3365	3126	94	13	3459	3139
4	MEDAK	24263	22001	0	14	24263	22015
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	30274	31049	50	17	30324	31066
7	MAHABUBNAGAR	115917	100635	60	0	115977	100635
8	NALGONDA	21590	15661	241	28	21831	15689
9	WARANGAL	6896	7335	337	174	7233	7509
10	KHAMMAM	2647	1873	209	89	2856	1962
TOTAL		247514	219791	1415	878	248929	220669

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	37807	28618	422	447	38229	29065
2	NIZAMABAD	2528	886	3	0	2531	886
3	KARIMNAGAR	1316	2254	37	9	1353	2263
4	MEDAK	8710	6996	0	4	8710	7000
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	8113	12451	13	7	8126	12458
7	MAHABUBNAGAR	29791	45286	15	0	29806	45286
8	NALGONDA	9629	7470	107	13	9736	7483
9	WARANGAL	4482	3726	219	88	4701	3814
10	KHAMMAM	1527	978	121	46	1648	1024
TOTAL		103903	108665	937	614	104840	109279

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	1008	824	1008	824	1008	824
2	NIZAMABAD	500	262	500	0	500	262
3	KARIMNAGAR	391	721	391	721	391	721
4	MEDAK	359	318	359	318	359	318
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	268	401	268	401	268	401
7	MAHABUBNAGAR	257	450	257	0	257	450
8	NALGONDA	446	477	446	477	446	477
9	WARANGAL	650	508	650	508	650	508
10	KHAMMAM	577	522	577	522	577	522
TOTAL		420	494	662	699	421	495

BENGALGRAM

8.8.1 Bengal gram is mostly grown in Rabi season. The crop is sown in the month of October and November and in limited extent in the month of December also. The crop is grown extensively under rainfed conditions. The crop is predominantly grown in Mahabubnagar, Nizamabad, Adilabad, and Medak Districts which together accounted for 91.39 percent of the total area under the crop in the state during 2015-16 and Mahabubnagar district alone accounts for 31.63 percent of the total area under the Bengalgram crop in the State. The area under Bengalgram Crop during 2015-16 is at 0.70 lakh hectares as against 0.59 lakh hectares in 2014-15, showing a significant increase of 18.64 percent during the current year over previous year.

8.8.2 The production of Bengalgram has been decreased to 0.50 lakh tonnes in 2015-16 as against 0.81 lakh tonnes in 2014-15, showing a decrease of 38.27 percent. The production is decreased due to steep decrease in area and major decrease in yield per Hectare during 2015-16.

8.8.3 The average yield rate of Bengalgram was recorded at 721 Kgs per hectare. in 2015-16 as against 1370 Kgs per hectare in 2014-15 showing a decrease of 47.37 percent. The area, productivity and production of Bengal gram crop in the state from 2000-01 to 2015-16 are shown in the Table-8.8.

**TABLE-8.8
AREA, PRODUCTION AND PRODUCTIVITY OF BENGALGRAM**

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	RABI		
		AREA	PRODUCTION	YIELD
1	2000-01	0.35	0.25	718
2	2001-02	0.40	0.44	1106
3	2002-03	0.58	0.72	1237
4	2003-04	0.88	1.05	1194
5	2004-05	0.73	0.64	879
6	2005-06	0.74	1.05	1420
7	2006-07	1.01	1.39	1377
8	2007-08	1.18	1.63	1382
9	2008-09	1.19	1.87	1571
10	2009-10	1.21	1.75	1444
11	2010-11	1.09	1.48	1362
12	2011-12	0.85	0.72	849
13	2012-13	1.12	1.64	1464
14	2013-14	1.14	1.95	1716
15	2014-15	0.59	0.81	1370
16	2015-16	0.70	0.50	721

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: BENGALGRAM

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	13161	12611	13161	12611
2	NIZAMABAD	0	0	16737	7971	16737	7971
3	KARIMNAGAR	0	0	1439	1719	1439	1719
4	MEDAK	0	0	11842	10104	11842	10104
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	3752	4713	3752	4713
7	MAHABUBNAGAR	0	0	22090	21071	22090	21071
8	NALGONDA	0	0	226	189	226	189
9	WARANGAL	0	0	594	941	594	941
10	KHAMMAM	0	0	5	18	5	18
TOTAL		0	0	69846	59337	69846	59337

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	15714	15070	15714	15070
2	NIZAMABAD	0	0	8687	9358	8687	9358
3	KARIMNAGAR	0	0	2029	2121	2029	2121
4	MEDAK	0	0	12695	10902	12695	10902
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	4247	4713	4247	4713
7	MAHABUBNAGAR	0	0	6141	37570	6141	37570
8	NALGONDA	0	0	163	259	163	259
9	WARANGAL	0	0	677	1259	677	1259
10	KHAMMAM	0	0	4	25	4	25
TOTAL		0	0	50357	81277	50357	81277

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	1194	1195	1194	1195
2	NIZAMABAD	0	0	519	1174	519	1174
3	KARIMNAGAR	0	0	1410	1234	1410	1234
4	MEDAK	0	0	1072	1079	1072	1079
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	1132	1000	1132	1000
7	MAHABUBNAGAR	0	0	278	1783	278	1783
8	NALGONDA	0	0	721	1370	721	1370
9	WARANGAL	0	0	1139	1338	1139	1338
10	KHAMMAM	0	0	721	1370	721	1370
TOTAL		0	0	721	1370	721	1370

GREENGRAM

8.9.1 Greengram crop is sown in both Kharif and Rabi seasons but it is sown more extensively in Kharif season. The crop is sown as an early Kharif crop in May and June and is harvested during August and September months. The area under Greengram crop during 2015-16 was 1.11 lakh hectares which constituted 2.27 percent of the total cropped area and 23.51 percent of the pulses cropped Area in the State. The crop is extensively sown in Medak, Nalgonda, Warangal, Khammam, and Mahabubnagar districts which together accounted for 78.60 percent of the total area under the crop in the State during 2015-16. The area under Greengram crop during 2015-16 was 1.11 lakh hectares as against 1.88 lakh hectares in 2014-15 showing an increase of 26.14 percent.

8.9.2 The production of Green gram crop during 2015-16 was 0.56 lakh tonnes as against 0.45 lakh tonnes in 2014-15, showing an increase of 24.44 percent and it was attributed mainly due to decrease in the area and yield rate during 2015-16.

8.9.3 The average yield of Green gram was 512 Kgs per hectares in 2015-16 as against 513 Kgs per hectare showing a decrease of 0.19 percent over previous Year. The area, productivity and production of Green gram crop from 2000-01 to 2015-16 are shown in the Table - 8.9.

TABLE-8.9
AREA, PRODUCTION AND PRODUCTIVITY OF GREENGRAM

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	3.00	0.06	3.06	1.01	0.02	1.03	335	335	335
2	2001-02	2.94	0.08	3.02	0.92	0.02	0.94	312	305	312
3	2002-03	2.93	0.10	3.03	0.79	0.02	0.81	268	255	267
4	2003-04	3.57	0.13	3.70	1.78	0.04	1.82	498	338	492
5	2004-05	2.46	0.13	2.59	0.89	0.04	0.93	362	326	360
6	2005-06	2.14	0.10	2.24	0.96	0.05	1.01	450	535	454
7	2006-07	2.10	0.17	2.27	0.67	0.15	0.82	321	862	362
8	2007-08	2.30	0.16	2.46	1.12	0.12	1.24	487	763	505
9	2008-09	1.85	0.11	1.96	0.83	0.10	0.93	450	885	475
10	2009-10	1.83	0.18	2.01	0.17	0.08	0.25	93	462	125
11	2010-11	1.95	0.16	2.11	1.05	0.08	1.13	536	554	537
12	2011-12	1.33	0.15	1.48	0.71	0.11	0.82	535	695	552
13	2012-13	1.36	0.14	1.50	1.00	0.10	1.10	734	747	735
14	2013-14	1.11	0.13	1.24	0.73	0.12	0.85	662	923	689
15	2014-15	0.70	0.17	0.87	0.35	0.10	0.45	495	589	513
16	2015-16	0.99	0.12	1.11	0.47	0.09	0.56	480	773	512

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: GREENGRAM

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	5548	5973	1295	2351	6843	8324
2	NIZAMABAD	5018	5761	924	891	5942	6652
3	KARIMNAGAR	3258	3044	2704	4308	5962	7352
4	MEDAK	25154	14940	78	57	25232	14997
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	4874	3965	20	0	4894	3965
7	MAHABUBNAGAR	9204	4759	736	78	9940	4837
8	NALGONDA	21612	8844	261	126	21873	8970
9	WARANGAL	17226	17717	1950	3290	19176	21007
10	KHAMMAM	6739	4845	3868	6403	10607	11248
TOTAL		98633	69848	11836	17504	110469	87352

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	3290	3440	882	1521	4172	4961
2	NIZAMABAD	1566	1895	714	525	2280	2420
3	KARIMNAGAR	2271	1129	2090	2537	4361	3666
4	MEDAK	10162	8232	60	34	10222	8266
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	2461	2569	15	0	2476	2569
7	MAHABUBNAGAR	653	1780	569	46	1222	1826
8	NALGONDA	11346	2574	202	74	11548	2648
9	WARANGAL	11145	10506	1507	1938	12652	12444
10	KHAMMAM	4488	2423	3110	3631	7598	6054
TOTAL		47382	34548	9149	10306	56531	44854

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	593	576	681	647	610	596
2	NIZAMABAD	312	329	773	589	384	364
3	KARIMNAGAR	697	371	773	589	731	499
4	MEDAK	404	551	773	589	405	551
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	505	648	773	0	506	648
7	MAHABUBNAGAR	71	374	773	589	123	378
8	NALGONDA	525	291	773	589	528	295
9	WARANGAL	647	593	773	589	660	592
10	KHAMMAM	666	500	804	567	716	538
TOTAL		481	495	773	589	512	513

BLACKGRAM

8.10.1 Blackgram crop is sown in both Kharif and Rabi seasons but mostly in Kharif season. The crop is predominantly grown in Medak, Nizamabad, Adilabad, Rangareddy and Mahabubnagar districts which together accounted for 83.02 percent of the total area under the crop in the State during 2015-16, Medak district alone accounts for 40.41 percent of total area under the crop. The area sown under the Blackgram was 0.32 lakh hectares in 2015-16 as against 0.28 lakh hectares 2014-15, showing an increase of 14.29 percent over previous Year.

8.10.2 The production of Blackgram crop was 0.18 lakh tonnes during 2015-16 as against 0.16 lakh tonnes in 2014-15. The production of Blackgram during the current year is increased by 12.50 percent when compared to the previous year. The decrease in production is due to decrease in area and also decrease in average yield per hectare of the crop in 2015-16 when compared to the previous year 2014-15.

8.10.3 The yield rate of Blackgram was decreased to 546 kgs/hect, in 2015-16 when compared to 583 kgs/hect. in 2014-15 which shows a decrease of 6.35 % during 2015-16. The area, productivity and production of Blackgram crop from 2000-01 to 2015-16 are shown in the Table –8.10.

TABLE-8.10
AREA, PRODUCTION AND PRODUCTIVITY OF BLACKGRAM

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	0.75	0.15	0.90	0.15	0.02	0.17	357	529	386
2	2001-02	0.77	0.29	1.06	0.35	0.10	0.45	437	170	364
3	2002-03	0.88	0.21	1.09	0.31	0.06	0.37	501	231	449
4	2003-04	0.78	0.20	0.98	0.56	0.08	0.64	719	409	655
5	2004-05	0.66	0.12	0.77	0.30	0.08	0.38	456	725	496
6	2005-06	0.63	0.11	0.74	0.28	0.08	0.36	448	737	490
7	2006-07	0.66	0.14	0.80	0.16	0.14	0.30	249	948	374
8	2007-08	0.70	0.16	0.86	0.34	0.15	0.49	481	916	565
9	2008-09	0.55	0.11	0.66	0.35	0.08	0.43	645	672	650
10	2009-10	0.59	0.13	0.72	0.06	0.09	0.15	95	695	203
11	2010-11	0.58	0.18	0.76	0.36	0.13	0.49	619	740	647
12	2011-12	0.44	0.26	0.70	0.31	0.11	0.42	701	416	597
13	2012-13	0.39	0.17	0.56	0.37	0.14	0.51	967	795	913
14	2013-14	0.32	0.09	0.41	0.27	0.09	0.36	822	953	852
15	2014-15	0.20	0.08	0.28	0.13	0.03	0.16	656	406	583
16	2015-16	0.24	0.08	0.32	0.11	0.07	0.18	464	788	546

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: BLACKGRAM

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	3276	3460	230	202	3506	3662
2	NIZAMABAD	3325	4144	1276	689	4601	4833
3	KARIMNAGAR	347	68	1424	2315	1771	2383
4	MEDAK	12943	8255	22	29	12965	8284
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	3402	3306	5	0	3407	3306
7	MAHABUBNAGAR	596	577	1560	891	2156	1468
8	NALGONDA	0	0	941	519	941	519
9	WARANGAL	29	25	981	1494	1010	1519
10	KHAMMAM	37	16	1687	2025	1724	2041
TOTAL		23955	19851	8126	8164	32081	28015

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	2519	3045	181	82	2700	3127
2	NIZAMABAD	1144	1297	1005	280	2149	1577
3	KARIMNAGAR	161	45	1122	940	1283	985
4	MEDAK	5112	5069	17	12	5129	5081
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	1868	3161	4	0	1872	3161
7	MAHABUBNAGAR	277	379	1229	362	1506	741
8	NALGONDA	0	0	392	211	392	211
9	WARANGAL	13	16	773	607	786	623
10	KHAMMAM	17	10	1677	822	1694	832
TOTAL		11111	13022	6400	3316	17511	16338

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	769	880	788	406	770	854
2	NIZAMABAD	344	313	788	406	467	326
3	KARIMNAGAR	464	656	788	406	724	413
4	MEDAK	395	614	788	406	396	613
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	549	956	788	0	549	956
7	MAHABUBNAGAR	464	656	788	406	699	505
8	NALGONDA	0	0	417	406	417	406
9	WARANGAL	464	656	788	406	778	410
10	KHAMMAM	464	656	994	406	983	408
TOTAL		464	656	788	406	546	583

HORSEGRAM

8.11.1 Horsegram crop is grown in both kharif and Rabi seasons but extensively in Rabi season only. The area under Horsegram is 0.02 lakh hectares during 2015-16 and it was 0.02 lakh hectares during 2014-15. This crop is predominantly grown in Mahabubnagar , Nalgonda, Medak and Rangareddy districts these 4 districts together accounted for 90.69 percent of the total area under the crop in the state during 2015-16. Mahabubnagar district alone accounted for 44.36 % of the total Horsegram Crop in the State.

8.11.2 The production of Horsegram was 0.01 lakh tonnes during 2015-16 and it was 0.01 lakh tonnes during 2014-15. The production of 0.01 lakh tonnes which was reported during the current year was static, there was neither increase nor decrease in the production over previous year.

8.11.3 The average yield per hectare during 2015-16 was 389 Kgs per hectare and it was 413 kgs /hectare during 2014-15. The area, productivity and production of Horsegram from 2000-01 to 2015-16 are given in Table –9.11.

TABLE-9.11
AREA, PRODUCTION AND PRODUCTIVITY OF HORSEGRAM

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	0.09	0.10	0.19	0.04	0.06	0.10	487	196	327
2	2001-02	0.08	0.11	0.19	0.06	0.06	0.12	366	330	344
3	2002-03	0.07	0.08	0.15	0.06	0.05	0.11	379	127	237
4	2003-04	0.05	0.12	0.17	0.02	0.04	0.06	462	326	366
5	2004-05	0.05	0.11	0.16	0.03	0.03	0.06	466	324	373
6	2005-06	0.05	0.07	0.12	0.03	0.02	0.05	582	257	395
7	2006-07	0.03	0.07	0.10	0.02	0.02	0.04	457	286	339
8	2007-08	0.03	0.05	0.08	0.02	0.02	0.04	515	387	435
9	2008-09	0.02	0.05	0.07	0.01	0.02	0.03	401	418	412
10	2009-10	0.02	0.05	0.07	0.01	0.01	0.02	419	296	333
11	2010-11	0.01	0.04	0.05	0.01	0.01	0.02	460	404	418
12	2011-12	0.01	0.02	0.03	N	N	N	63	153	128
13	2012-13	0.01	0.03	0.04	0.00	0.02	0.02	325	582	533
14	2013-14	0.01	0.02	0.03	N	0.01	0.01	621	478	503
15	2014-15	N	0.02	0.02	N	0.01	0.01	519	382	413
16	2015-16	N	0.02	0.02	N	0.01	0.01	216	448	389

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: HORSEGRAM

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	24	65	24	65
2	NIZAMABAD	0	0	3	0	3	0
3	KARIMNAGAR	0	0	10	4	10	4
4	MEDAK	13	0	228	273	241	273
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	113	26	94	43	207	69
7	MAHABUBNAGAR	384	503	521	464	905	967
8	NALGONDA	0	0	497	634	497	634
9	WARANGAL	0	0	150	279	150	279
10	KHAMMAM	0	0	3	16	3	16
TOTAL		510	529	1530	1778	2040	2307

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	11	25	11	25
2	NIZAMABAD	0	0	1	0	1	0
3	KARIMNAGAR	0	0	4	2	4	2
4	MEDAK	3	0	102	104	105	104
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	24	13	42	16	66	29
7	MAHABUBNAGAR	83	261	233	177	316	438
8	NALGONDA	0	0	223	242	223	242
9	WARANGAL	0	0	67	107	67	107
10	KHAMMAM	0	0	1	6	1	6
TOTAL		110	274	684	679	794	953

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	448	382	448	382
2	NIZAMABAD	0	0	448	0	448	0
3	KARIMNAGAR	0	0	448	382	448	382
4	MEDAK	216	0	448	382	436	382
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	216	519	448	382	319	420
7	MAHABUBNAGAR	216	519	448	382	349	453
8	NALGONDA	0	0	448	382	448	382
9	WARANGAL	0	0	448	382	448	382
10	KHAMMAM	0	0	448	382	448	382
TOTAL		216	519	448	382	389	413

COWGRAM

8.12.1 Cowgram crop is mostly grown in Karimnagar , Warangal, Medak ,Nalgonda and Khammam districts which together accounts for 85.12 percent of the total area under the crop in the State. The area sown under Cowgram was 0.08 lakh hectares in 2015-16 as against 0.10 lakh hectares in 2014-15 showing a decrease of 20 % over previous year.

8.12.2 The Production of Cowgram is 0.17 lakh tonnes in 2015-16 as against 0.10 lakh tones during the previous year i.e 2014-15 showing an increase of 70 percent. over previous year.

8.12.3 The yield rate of Cowgram was increased to 2109 Kgs/Hect in 2015-16 as against was 972 Kgs/ Hects in 2014-15 showing an increase of 116.97 percent over previous year. The area, productivity and production of Cowgram from 2000-01 to 2015-16 are given in the Table – 8.12.

TABLE-8.12
AREA, PRODUCTION AND PRODUCTIVITY OF COWGRAM

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	0.04	0.07	0.11	0.01	0.03	0.04	145	459	332
2	2001-02	0.04	0.08	0.12	0.01	0.02	0.03	222	311	283
3	2002-03	0.03	0.09	0.12	0.01	0.04	0.05	165	429	359
4	2003-04	0.05	0.14	0.19	0.01	0.06	0.07	213	405	355
5	2004-05	0.04	0.11	0.15	0.01	0.03	0.04	278	294	290
6	2005-06	0.04	0.11	0.15	0.01	0.05	0.06	341	442	417
7	2006-07	0.03	0.10	0.13	0.01	0.04	0.05	385	354	360
8	2007-08	0.02	0.12	0.14	0.01	0.06	0.07	618	501	515
9	2008-09	0.03	0.11	0.14	0.02	0.07	0.09	576	685	659
10	2009-10	0.03	0.14	0.17	0.01	0.07	0.08	290	502	468
11	2010-11	0.02	0.12	0.14	0.01	0.08	0.09	291	737	659
12	2011-12	0.02	0.10	0.12	0.01	0.08	0.09	221	797	712
13	2012-13	0.02	0.10	0.12	0.01	0.07	0.08	602	853	815
14	2013-14	0.02	0.09	0.11	0.01	0.06	0.07	560	778	734
15	2014-15	0.02	0.08	0.10	0.02	0.08	0.10	920	982	972
16	2015-16	0.02	0.06	0.08	0.01	0.16	0.17	524	2679	2109

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: COWGRAM

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	131	114	52	79	183	193
2	NIZAMABAD	0	0	8	0	8	0
3	KARIMNAGAR	306	251	1705	2650	2011	2901
4	MEDAK	804	473	451	491	1255	964
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	35	89	56	142	91	231
7	MAHABUBNAGAR	625	480	311	51	936	531
8	NALGONDA	0	0	1176	1385	1176	1385
9	WARANGAL	266	235	1303	2366	1569	2601
10	KHAMMAM	0	0	959	1374	959	1374
TOTAL		2167	1642	6021	8538	8188	10180

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	69	105	139	78	208	183
2	NIZAMABAD	0	0	21	0	21	0
3	KARIMNAGAR	160	365	2228	4545	2388	4910
4	MEDAK	602	505	405	556	1007	1061
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	18	67	150	139	168	206
7	MAHABUBNAGAR	147	253	833	50	980	303
8	NALGONDA	0	0	314	302	314	302
9	WARANGAL	139	216	10867	771	11006	987
10	KHAMMAM	0	0	1175	1944	1175	1944
TOTAL		1135	1511	16132	8385	17267	9896

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	524	920	2680	982	1137	948
2	NIZAMABAD	0	0	2680	0	2625	0
3	KARIMNAGAR	524	1453	1307	1715	1187	1693
4	MEDAK	749	1068	898	1132	802	1101
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	524	750	2680	982	1846	892
7	MAHABUBNAGAR	235	527	2680	982	1047	571
8	NALGONDA	0	0	267	218	267	218
9	WARANGAL	524	920	8340	326	7015	379
10	KHAMMAM	0	0	1225	1415	1225	1415
TOTAL		524	920	2679	982	2109	972

OTHER PULSES

8.13 Other Pulses comprise of Rajma Beans , Anumulu, Mysoor Pappu/ yerra Pappu and Other Pulses not specified as pulses in any where. Out of all these crops Rajma Beans play a vital role in other pulses . Other Pulses are grown in both Kharif and Rabi seasons, Other pulses sown in Adilabad, Nizamabad, Karimnagar and Medak districts only these 4 Districts accounted for 100.00 percent of the total area under other pulses crops in the State. The area, productivity and production of other pulses from 2000-01 to 2015-16 are given in the Table – 9.13.

**TABLE-9.13
AREA, PRODUCTION AND PRODUCTIVITY OF OTHER PULSES**

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	0.04	0.03	0.07	0.01	N	0.01	262	134	208
2	2001-02	0.04	0.03	0.07	N	0.01	0.01	131	198	161
3	2002-03	0.04	0.02	0.06	0.01	N	0.01	153	277	191
4	2003-04	0.05	0.04	0.09	0.01	0.01	0.02	164	183	173
5	2004-05	0.03	0.02	0.05	0.01	N	0.01	241	158	207
6	2005-06	0.03	0.02	0.05	N	N	N	128	99	117
7	2006-07	0.02	0.01	0.03	N	0.01	0.01	214	519	331
8	2007-08	0.03	0.01	0.04	0.01	0.01	0.02	449	1686	687
9	2008-09	N	N	N	N	N	N	500	504	500
10	2009-10	N	0.01	0.01	N	0.01	0.01	338	675	587
11	2010-11	0.00	0.01	0.01	0.00	0.01	0.01	0	1133	1133
12	2011-12	N	0.01	0.01	N	0.01	0.01	393	1274	859
13	2012-13	N	0.01	0.01	N	0.01	0.01	1427	790	1096
14	2013-14	N	0.01	0.01	N	0.01	0.01	315	1008	808
15	2014-15	N	N	N	N	N	N	2219	1060	1634
16	2015-16	N	N	N	N	N	N	370	370	370

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: OTHER PULSES

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	29	96	5	12	34	108
2	NIZAMABAD	0	0	49	53	49	53
3	KARIMNAGAR	17	11	0	42	17	53
4	MEDAK	54	39	46	54	100	93
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	0	0	0	0	0	0
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		100	146	100	161	200	307

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	7	33	1	4	8	37
2	NIZAMABAD	0	0	20	53	20	53
3	KARIMNAGAR	6	6	0	84	6	90
4	MEDAK	24	36	16	21	40	57
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	0	0	0	0	0	0
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		37	75	37	162	74	237

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	241	344	200	333	235	343
2	NIZAMABAD	0	0	408	1000	408	1000
3	KARIMNAGAR	353	545	0	2000	353	1698
4	MEDAK	444	923	348	389	400	613
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	0	0	0	0	0	0
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		370	514	370	1006	370	772

SUGARCANE

8.14.1 Sugarcane is an important commercial crop in the state. It is mainly grown as irrigated crop. Adsali variety crop which is grown only in Nizamabad district and it is a long duration crop of more than one year sown in the month of December/January and harvested in February/March of the succeeding year. Medak, Nizamabad and Khammam districts together accounted for 84.89 percent of the total area under the crop in the state during 2015-16. Medak district alone accounts for 50.94 % of total area under sugarcane crop in the state. The area under Sugarcane (Coming for Harvest) was 0.35 lakh hectares in 2015-16 as against 0.38 lakh hect. in 2014-15, showing a decrease of 7.89 percent during 2015-16 when compared to previous year.

8.14.2 The production of Sugarcane was estimated at 24.05 lakh tonnes of cane and 2.44 lakh Tonnes of Gur during 2015-16 as against 33.43 lakh tonnes of Cane and 3.35 lakh Tonnes of Gur in 2014-15 showing a decrease of 28.06 of Cane and 27.16 percent of Gur over previous year. The decrease is attributed to decrease in area of the crop over previous year.

8.14.3 The yield rate of Sugarcane (cane) was 68911 Kgs/hect. in 2015-16 as against 87654 kgs/hect. in 2014-15 showing a decrease of 21.38 percent. The yield rate of Gur was 6985 Kgs/hectare In 2015-16 as against 8783 Kgs / Hectare in 2014-15 showing a decrease of 20.47 percent over previous year. The area, productivity and production of Sugarcane from 2000-01 to 2015-16 are shown in Table –8.14.

TABLE - 8.14
AREA, PRODUCTIVITY AND PRODUCTION OF SUGARCANE

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SL. NO	YEAR	COMING FOR HARVEST		
		AREA	PRODUCTION	YIELD
1	2000-01	0.65	41.32	63621
2	2001-02	0.55	48.99	88600
3	2002-03	0.56	36.32	64614
4	2003-04	0.47	35.54	75106
5	2004-05	0.44	30.38	68612
6	2005-06	0.50	44.19	89061
7	2006-07	0.57	48.86	85218
8	2007-08	0.61	51.04	84069
9	2008-09	0.43	34.42	80355
10	2009-10	0.27	21.35	79795
11	2010-11	0.40	30.66	76981
12	2011-12	0.45	38.44	84593
13	2012-13	0.41	35.74	87430
14	2013-14	0.39	33.76	85898
15	2014-15	0.38	33.43	87654
16	2015-16	0.35	24.05	68911

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: SUGARCANE **AREA (COMING FOR HARVEST)** *(in Hectares)*

SL. NO.	DISTRICT	PLANTED		RATOON		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	12	3	0	0	12	3
2	NIZAMABAD	4076	2415	2349	3014	6425	5429
3	KARIMNAGAR	225	839	522	1207	747	2046
4	MEDAK	6477	8458	11299	13618	17776	22076
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	600	609	526	332	1126	941
7	MAHABUBNAGAR	894	381	1266	939	2160	1320
8	NALGONDA	757	423	471	320	1228	743
9	WARANGAL	1	0	0	0	1	0
10	KHAMMAM	3089	3387	2331	2194	5420	5581
TOTAL		16131	16515	18764	21624	34895	38139

CROP: SUGARCANE **PRODUCTION AND YIELD**

SL. NO.	DISTRICT	PRODUCTION (in tones)				YIELD (in kgs/hectare)			
		CANE		GUR		CANE		GUR	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	840	263	84	26	70000	87647	7000	8782
2	NIZAMABAD	388471	473572	39250	47449	60462	87230	6109	8740
3	KARIMNAGAR	58779	165728	5984	16605	78687	81001	8011	8116
4	MEDAK	1210423	1997436	122950	200141	68093	90480	6917	9066
5	HYDERABAD	0	0	0	0	0	0	0	0
6	RANGAREDDY	62456	70949	6323	7109	55467	75397	5615	7555
7	MAHABUBNAGAR	130866	109160	13283	10938	60586	82697	6150	8286
8	NALGONDA	108367	61839	10940	6197	88247	83229	8909	8340
9	WARANGAL	70	0	7	0	70000	0	7000	0
10	KHAMMAM	444383	464088	44927	46501	81989	83155	8289	8332
TOTAL		2404655	3343035	243748	334966	68911	87654	6985	8783

CHILLIES

8.15.1 Chillies is one of the important crop in condiments and Spices group. The crop is grown both under irrigated and unirrigated conditions in both kharif and rabi seasons. The area under chillies during the year 2015-16 was 0.80 lakh hectares and 1.63 percent of gross cropped area covers under chillies crop. The crop is more extensively grown in Khammam , Warangal and Mahabubnagar districts. These three districts together account for 86.00 percent of the total area under the crop in the state and Khammam district alone accounts for 38.50 percent of total area under the crop. The area sown under chillies was 0.80 lakh hectares during 2015-16 as against 0.73 lakh hectares in 2014-15 showing an increase of 9.59 percent.

8.15.2 The production of chillies was 2.28 lakh tonnes in 2015-16 as against 2.53 lakh tonnes in 2014-15, showing a decrease of 9.88 percent. The decrease in Production was due to decrease in average yield per hectare of the crop .

8.15.3 The average productivity of Chillies is 2789 kgs per hectare in 2015-16 as against 3456 kgs/hect. in 2015-15 showing a decrease of 19.30 percent over previous year. The area, productivity and production of Chillies from 2000-01 to 2015-16 is given in Table –8.15.

TABLE - 8.15
AREA, PRODUCTIVITY AND PRODUCTION OF CHILLIES

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	0.83	0.27	1.10	1.62	0.61	2.23	1943	2312	2033
2	2001-02	0.70	0.28	0.98	1.50	0.78	2.28	2146	2755	2321
3	2002-03	0.74	0.24	0.98	1.15	0.60	1.75	1563	2485	1791
4	2003-04	0.86	0.25	1.10	1.95	0.80	2.75	2279	3263	2499
5	2004-05	0.78	0.29	1.07	2.01	0.85	2.86	2568	2992	2682
6	2005-06	0.58	0.25	0.83	1.55	0.75	2.30	2683	3005	2781
7	2006-07	0.68	0.24	0.92	2.02	0.80	2.82	2977	3265	3054
8	2007-08	0.65	0.25	0.90	1.86	0.73	2.59	2844	2944	2871
9	2008-09	0.59	0.23	0.82	1.98	0.89	2.87	3359	3935	3519
10	2009-10	0.58	0.26	0.84	2.00	1.00	3.00	3470	3781	3568
11	2010-11	0.54	0.23	0.77	1.70	0.70	2.40	3155	2990	3105
12	2011-12	0.68	0.22	0.90	1.62	0.72	2.34	2401	3255	2612
13	2012-13	0.58	0.25	0.83	1.92	1.08	3.00	3326	4323	3628
14	2013-14	0.54	0.21	0.75	1.71	0.89	2.60	3161	4250	3463
15	2014-15	0.55	0.18	0.73	1.80	0.73	2.53	3250	4100	3456
16	2015-16	0.65	0.17	0.82	1.83	0.45	2.28	2803	2734	2789

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: CHILLIES

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	1103	1784	148	98	1251	1882
2	NIZAMABAD	246	497	277	539	523	1036
3	KARIMNAGAR	3502	3923	229	415	3731	4338
4	MEDAK	366	291	3	0	369	291
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	247	290	118	206	365	496
7	MAHABUBNAGAR	10866	9883	185	121	11051	10004
8	NALGONDA	4804	3360	482	968	5286	4328
9	WARANGAL	18860	14614	9366	9647	28226	24261
10	KHAMMAM	25194	20843	5601	5795	30795	26638
TOTAL		65188	55485	16409	17789	81597	73274

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	1328	1839	405	402	1733	2241
2	NIZAMABAD	690	1615	757	2210	1447	3825
3	KARIMNAGAR	8748	9835	626	1702	9374	11537
4	MEDAK	208	134	8	0	216	134
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	692	943	323	845	1015	1788
7	MAHABUBNAGAR	25068	33800	506	496	25574	34296
8	NALGONDA	9377	9401	1318	3969	10695	13370
9	WARANGAL	55543	44324	26805	27668	82348	71992
10	KHAMMAM	81099	78432	14109	35645	95208	114077
TOTAL		182753	180323	44857	72937	227610	253260

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	1204	1031	2734	4100	1385	1191
2	NIZAMABAD	2803	3250	2734	4100	2767	3692
3	KARIMNAGAR	2498	2507	2734	4100	2512	2660
4	MEDAK	569	459	2734	0	585	459
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	2803	3250	2734	4100	2781	3605
7	MAHABUBNAGAR	2307	3420	2734	4100	2314	3428
8	NALGONDA	1952	2798	2734	4100	2023	3089
9	WARANGAL	2945	3033	2862	2868	2917	2967
10	KHAMMAM	3219	3763	2519	6151	3092	4282
TOTAL		2803	3250	2734	4100	2789	3456

ONIONS

8.16.1 Onion crop is one of the important vegetable crops in the state. It is grown in both Kharif and Rabi seasons mostly in Rabi season in the State mainly under irrigated conditions. An area of 0.16 lakh hectares under Onion crop during 2015-16. It is extensively cultivated in Mahabubnagar, Medak, Rangareddy and Nizamabad districts. These districts together account for 91.73 percent of the total area under the crop in the State. Mahabubnagar district alone accounted for 37.98 percent of the total area under the Crop. During the year 2015-16 the area cultivated under the crop was 0.16 lakh hectare as against 0.14 lakh hectare in 2014-15 showing an increase of 14.29 percent over previous year.

8.16.2 The production of Onion crop is estimated at 3.90 lakh tonnes in 2015-16 as against 3.15 lakh tonnes in 2014-15 showing an increase of 23.81 percent over previous year. The increase was attributed to mainly increase in yield rate per hectare and area also increased same extent.

8.16.3 The productivity of Onions was estimated at 24781 Kgs per hectares in 2015-16 as against 22620 Kgs/hect. in 2014-15, showing an increase of 9.55 percent over previous year. The area, productivity and production of Onions crop from 2000-01 to 2015-16 are presented in the Table –8.16.

TABLE - 8.16
AREA, PRODUCTIVITY AND PRODUCTION OF ONIONS

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

Sl.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	0.04	0.08	0.12	0.41	2.04	2.45	21626	15382	17946
2	2001-02	0.04	0.08	0.12	0.41	2.12	2.53	10250	26500	21083
3	2002-03	0.03	0.06	0.09	0.22	1.60	1.82	7333	26667	20222
4	2003-04	0.03	0.08	0.10	0.31	2.09	2.40	10674	27717	22959
5	2004-05	0.04	0.08	0.12	0.40	1.75	2.15	10103	22334	18232
6	2005-06	0.03	0.10	0.13	0.42	1.93	2.35	12916	19895	18150
7	2006-07	0.03	0.08	0.11	0.44	1.91	2.35	15057	24848	22131
8	2007-08	0.03	0.09	0.12	0.50	2.22	2.72	16058	25033	22703
9	2008-09	0.04	0.10	0.14	0.56	2.18	2.74	14374	22550	20209
10	2009-10	0.03	0.09	0.12	0.45	2.30	2.75	17387	24269	22786
11	2010-11	0.03	0.11	0.14	0.47	2.23	2.70	16607	19176	18679
12	2011-12	0.05	0.12	0.17	0.57	3.19	3.76	11242	27305	22450
13	2012-13	0.04	0.10	0.14	0.62	3.50	4.12	16779	34929	30077
14	2013-14	0.04	0.11	0.15	0.75	3.60	4.35	18805	33336	29418
15	2014-15	0.06	0.08	0.14	0.86	2.29	3.15	15544	27315	22620
16	2015-16	0.05	0.11	0.16	0.75	3.15	3.90	14130	30145	24781

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: ONIONS

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	5	9	443	366	448	375
2	NIZAMABAD	11	34	1584	2244	1595	2278
3	KARIMNAGAR	11	18	513	551	524	569
4	MEDAK	296	148	4134	2543	4430	2691
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	241	240	2194	1579	2435	1819
7	MAHABUBNAGAR	4694	5102	1280	907	5974	6009
8	NALGONDA	0	0	6	1	6	1
9	WARANGAL	6	0	301	173	307	173
10	KHAMMAM	5	1	7	3	12	4
TOTAL		5269	5552	10462	8367	15731	13919

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	71	140	13354	9997	13425	10137
2	NIZAMABAD	155	528	35965	68628	36120	69156
3	KARIMNAGAR	155	280	15464	15051	15619	15331
4	MEDAK	4183	2301	151825	68536	156008	70837
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	2115	2740	59363	42614	61478	45354
7	MAHABUBNAGAR	67617	80300	29939	18882	97556	99182
8	NALGONDA	0	0	181	27	181	27
9	WARANGAL	85	0	9074	4725	9159	4725
10	KHAMMAM	71	16	211	82	282	98
TOTAL		74452	86305	315376	228542	389828	314847

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	14131	15544	30145	27315	29967	27032
2	NIZAMABAD	14131	15544	22705	30583	22646	30358
3	KARIMNAGAR	14131	15544	30145	27315	29807	26944
4	MEDAK	14131	15544	36726	26951	35216	26324
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	8775	11415	27057	26988	25248	24933
7	MAHABUBNAGAR	14405	15739	23390	20818	16330	16506
8	NALGONDA	14131	0	30145	27315	30167	27315
9	WARANGAL	14131	0	30145	27315	29834	27315
10	KHAMMAM	14131	15544	30145	27315	23500	24500
TOTAL		14130	15545	301445	27315	24781	22620

OIL SEEDS :

8.17.1 Telangana is one of the important States in the country which grows Oil seed crops like Groundnut, Sesamum , Soyabean, Sunflower and Castor etc,. The area under Oil seeds during 2015-16 was 4.54 lakh hectares which constitutes 9.28 percent of the total cropped area in the State. The area under oil seeds was 4.54 lakh hectares during 2015-16 as against 5.00 lakh hectares during 2014-15, showing a decrease of 9.2 percent over previous year. Oil seeds crops predominantly grown in Mahabubnagar, Nizamabad and Adilabad Districts. These Districts together accounted for 76.67 percent of the total area under the oil seed crops in Telangana State during 2015-16.

8.17.2 Out of 5.79 lakh tonnes of production of oil seeds, Groundnut, Palm oil, Castor and sunflower Crops Production was 2.06, 0.83, 0.17 and 0.13 lakh tonnes respectively which together accounted for 55.09 percent of the total oil seeds production in the State. Palm Oil Production is estimated to 0.83 lakh tonnes during 2015-16 as against 0.92 lakh tonnes during 2014-15 showing a decrease of 9.97 percent over previous year. The production of oil seeds was 5.79 lakh tonnes during 2015-16 as against 7.20 lakh tonnes in 2014-15, showing a decrease of 19.69 percent over previous year. The area and production of Oil seeds from 2008-09 to 2015-16 are shown in Table –8.17.

TABLE-8.17
AREA, PRODUCTION AND PRODUCTIVITY OF OILSEEDS

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

Sl.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2008-09	3.47	2.52	5.99	3.44	3.73	7.17	991	1480	1197
2	2009-10	3.20	2.58	5.78	2.73	3.86	6.59	854	1498	1142
3	2010-11	2.77	2.20	4.97	3.40	3.61	7.01	1229	1643	1412
4	2011-12	2.53	1.96	4.49	3.16	2.72	5.88	1251	1389	1311
5	2012-13	2.82	2.27	5.09	4.41	3.66	8.07	1563	1616	1587
6	2013-14	3.53	2.33	5.86	5.25	3.54	8.79	1486	1520	1500
7	2014-15	0.03	0.01	5.00	4.07	3.13	7.20	1293	1697	1442
8	2015-16	3.13	1.41	4.54	3.74	2.05	5.79	1198	1450	1276

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: OIL SEEDS

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	96812	106620	5816	6450	102628	113070
2	NIZAMABAD	109591	97453	8561	14860	118152	112313
3	KARIMNAGAR	9406	16634	10467	15877	19873	32511
4	MEDAK	26640	22474	8467	10330	35107	32804
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	2110	1662	3840	7185	5950	8847
7	MAHABUBNAGAR	54972	55904	71967	93720	126939	149624
8	NALGONDA	3409	3760	9147	11877	12556	15637
9	WARANGAL	5237	6479	17369	20043	22606	26522
10	KHAMMAM	4284	3932	5421	4956	9705	8888
TOTAL		312461	314918	141055	185298	453516	500216

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	96402	87761	4827	5652	101229	93413
2	NIZAMABAD	116932	133324	6680	15790	123612	149114
3	KARIMNAGAR	11949	17931	11413	21109	23362	39040
4	MEDAK	24995	22712	9751	14671	34746	37383
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	1689	1053	4456	10757	6145	11810
7	MAHABUBNAGAR	28802	40682	115221	188348	144023	229030
8	NALGONDA	6032	5935	9558	15292	15590	21227
9	WARANGAL	6556	7959	28734	34903	35290	42862
10	KHAMMAM	80928	89790	13923	7838	94851	97628
TOTAL		374285	407147	204563	314360	578848	721507

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	996	823	830	876	986	826
2	NIZAMABAD	1067	1368	780	1063	1046	1328
3	KARIMNAGAR	1270	1078	1090	1330	1176	1201
4	MEDAK	938	1011	1152	1420	990	1140
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	800	634	1160	1497	1033	1335
7	MAHABUBNAGAR	524	728	1601	2010	1135	1531
8	NALGONDA	1769	1578	1045	1288	1242	1357
9	WARANGAL	1252	1228	1654	1741	1561	1616
10	KHAMMAM	18891	22836	2568	1582	9773	10984
TOTAL		1198	1293	1450	1697	1276	1442

GROUNDNUT

8.18.1 Groundnut is one of the important Oilseed and commercial crops in Telangana State . This crop is mostly cultivated under irrigation sources in Rabi season and is cultivated in almost all districts. The area under Groundnut crop during 2015-16 was 1.28 lakh hectares which constitutes 2.61 percent of the total cropped area in the State and 28.18 percent of the Total oil Seeds cropped area in the state. Mahabubnagar, Warangal and Nalgonda districts together accounts for 86.66 percent of the total area of Groundnut crop in the state during 2015-16 . Mahabubnagar district alone accounts for 61.86 percent of the total area under the Groundnut crop in the State. The area sown under Groundnut Crop was 1.28 lakh hectares during in 2015-16 as against 1.55 lakh hectares in 2014-15 showing a decrease of 17.42 percent over previous year.

8.18.2 In terms of production, during the year 2015-16 Groundnut crop Production reported at 2.06 lakh tonnes which is 35.57 percent of the total Oil Seeds production in the state. The production of Groundnut during 2015-16 was 2.06 lakh tonnes as against 2.95 lakh tonnes in 2014-15 showing a decrease of 30.17 percent over previous year. The decrease in production is attributed to decrease in Area during 2014-15.

8.18.3 The yield rate of Groundnut was 1611 Kgs/hect. In 2015-16 as against 1907 Kgs/hect. in 2014-15 showing a decrease of 15.52 percent. The area, productivity and production of Groundnut from 2000-01 to 2015-16 are presented in table-8.18.

TABLE-8.18
AREA, PRODUCTION AND PRODUCTIVITY OF GROUNDNUT

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

Sl.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	1.39	1.23	2.62	0.97	1.99	2.96	701	1611	1128
2	2001-02	1.16	1.21	2.37	0.83	1.67	2.50	713	1382	1055
3	2002-03	0.97	0.97	1.94	0.54	1.06	1.60	560	1091	825
4	2003-04	0.81	1.15	1.96	0.57	1.66	2.23	702	1446	1139
5	2004-05	0.76	1.19	1.95	0.57	1.40	1.97	746	1180	1011
6	2005-06	0.67	1.33	2.00	0.64	1.93	2.57	956	1454	1287
7	2006-07	0.61	1.18	1.79	0.38	1.80	2.18	618	1534	1219
8	2007-08	0.57	1.50	2.07	0.70	2.76	3.46	1230	1839	1673
9	2008-09	0.49	1.52	2.01	0.42	2.74	3.16	866	1801	1573
10	2009-10	0.37	1.76	2.13	0.30	3.29	3.59	798	1866	1682
11	2010-11	0.30	1.66	1.96	0.30	3.21	3.51	1018	1933	1793
12	2011-12	0.23	1.48	1.71	0.26	2.36	2.62	1128	1592	1529
13	2012-13	0.16	1.71	1.87	0.24	3.11	3.35	1484	1818	1789
14	2013-14	0.21	1.89	2.10	0.32	3.23	3.55	1499	1712	1691
15	2014-15	0.13	1.42	1.55	0.21	2.74	2.95	1736	1922	1907
16	2015-16	0.14	1.14	1.28	0.21	1.85	2.06	1596	1613	1611

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: GROUNDNUT

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	1599	981	1599	981
2	NIZAMABAD	0	22	554	861	554	883
3	KARIMNAGAR	0	25	5794	6947	5794	6972
4	MEDAK	12	35	565	771	577	806
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	19	7	3325	6172	3344	6179
7	MAHABUBNAGAR	7909	6335	71152	91063	79061	97398
8	NALGONDA	2647	2563	9123	11809	11770	14372
9	WARANGAL	2471	3064	17199	19768	19670	22832
10	KHAMMAM	412	351	5020	4024	5432	4375
TOTAL		13470	12402	114331	142396	127801	154798

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	3561	1877	3561	1877
2	NIZAMABAD	0	38	1471	2468	1471	2506
3	KARIMNAGAR	0	19	8453	14366	8453	14385
4	MEDAK	7	31	506	922	513	953
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	4	6	4007	9857	4011	9863
7	MAHABUBNAGAR	11634	11384	114484	186588	126118	197972
8	NALGONDA	2660	2732	9543	15210	12203	17942
9	WARANGAL	6249	6771	28654	34752	34903	41523
10	KHAMMAM	949	552	13730	7662	14679	8214
TOTAL		21503	21533	184409	273702	205912	295235

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	2227	1913	2227	1913
2	NIZAMABAD	0	1736	2656	2866	2656	2838
3	KARIMNAGAR	0	765	1459	2068	1459	2063
4	MEDAK	608	894	895	1196	889	1182
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	209	885	1205	1597	1199	1596
7	MAHABUBNAGAR	1471	1797	1609	2049	1595	2033
8	NALGONDA	1005	1066	1046	1288	1037	1248
9	WARANGAL	2529	2210	1666	1758	1774	1819
10	KHAMMAM	2303	1572	2735	1904	2702	1877
TOTAL		1596	1736	1613	1922	1611	1907

SEASAMUM (GINGELLY)

8.19.1 The crop is cultivated in both Kharif and Rabi seasons and mostly cultivated during Rabi season in the state. Adilabad, Karimnagar, Warangal and Nizamabad Districts which together accounts for 87.02 percent of the total area under the crop in the state during 2015-16. Adilabad District alone accounted for 30.22 percent of the total cropped area under Sesamum crop in the State. The area sown under Sesamum crop was 0.14 lakh hectares in 2015-16 as against 0.24 lakh hectares in 2014-15, showing a decrease of 41.67 percent over previous year.

8.19.2 The production of Sesamum was 0.03 lakh tonnes in 2015-16 as against 0.10 lakh tonnes in 2014-15, showing a decrease of 70.00 percent during the current year 2015-16.

8.19.3 The yield rate of Sesamum was 210 kgs/hectare in 2015-16 as against 405 kgs/hectare in 2014-15 showing a decrease of 48.15 percent. The area, productivity and production of Sesamum from 2000-01 to 2015-16 are given in table-8.19.

TABLE-8.19
AREA, PRODUCTION AND PRODUCTIVITY OF SEASAMUM

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	0.51	0.18	0.69	0.08	0.03	0.11	154	194	164
2	2001-02	0.40	0.19	0.59	0.08	0.03	0.11	195	193	194
3	2002-03	0.45	0.13	0.58	0.08	0.02	0.10	188	178	186
4	2003-04	0.54	0.19	0.73	0.15	0.04	0.19	287	207	266
5	2004-05	0.44	0.20	0.64	0.12	0.08	0.20	270	385	306
6	2005-06	0.39	0.19	0.58	0.09	0.07	0.16	243	372	285
7	2006-07	0.30	0.20	0.50	0.06	0.06	0.12	188	325	241
8	2007-08	0.27	0.10	0.37	0.06	0.03	0.09	222	251	230
9	2008-09	0.14	0.16	0.30	0.03	0.04	0.07	243	251	247
10	2009-10	0.16	0.14	0.30	0.02	0.04	0.06	102	330	204
11	2010-11	0.11	0.16	0.27	0.02	0.05	0.07	180	329	266
12	2011-12	0.07	0.13	0.20	0.02	0.05	0.07	297	367	344
13	2012-13	0.05	0.18	0.23	0.02	0.07	0.09	329	421	400
14	2013-14	0.06	0.18	0.24	0.01	0.08	0.09	228	401	360
15	2014-15	0.05	0.18	0.23	0.01	0.09	0.10	198	467	405
16	2015-16	0.04	0.10	0.14	N	0.03	0.03	37	281	210

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: SEASAMUM(GINGELLY)

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	386	622	3807	4199	4193	4821
2	NIZAMABAD	0	0	2193	5159	2193	5159
3	KARIMNAGAR	0	10	3332	7269	3332	7279
4	MEDAK	201	364	86	246	287	610
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	173	236	0	0	173	236
7	MAHABUBNAGAR	509	747	0	338	509	1085
8	NALGONDA	381	608	1	0	382	608
9	WARANGAL	2229	2631	129	249	2358	2880
10	KHAMMAM	133	262	317	864	450	1126
TOTAL		4012	5480	9865	18324	13877	23804

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	14	123	997	2024	1011	2147
2	NIZAMABAD	0	0	616	2409	616	2409
3	KARIMNAGAR	0	2	1003	3664	1003	3666
4	MEDAK	7	72	24	115	31	187
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	6	47	0	0	6	47
7	MAHABUBNAGAR	19	148	0	158	19	306
8	NALGONDA	32	57	0	0	32	57
9	WARANGAL	38	558	36	116	74	674
10	KHAMMAM	32	80	94	79	126	159
TOTAL		148	1087	2770	8565	2918	9652

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	37	198	262	482	241	445
2	NIZAMABAD	0	0	281	467	281	467
3	KARIMNAGAR	0	198	301	504	301	504
4	MEDAK	37	198	281	467	108	307
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	37	198	0	0	35	198
7	MAHABUBNAGAR	37	198	0	467	37	282
8	NALGONDA	84	94	281	0	84	94
9	WARANGAL	17	212	281	467	31	234
10	KHAMMAM	239	307	297	92	280	141
TOTAL		37	198	281	467	210	405

SUNFLOWER

8.20.1 Sunflower is an important oil seed crop in the State. It is cultivated in both Kharif and Rabi seasons and mostly cultivated in Rabi season. It is extensively cultivated in Medak, Nizamabad and Mahabubnagar districts and these districts together accounted for 92.33 percent of the total area under the crop in the state during 2015-16. Medak district alone accounted for 45.00 percent of the total area under the crop in the State. The area sown under Sunflower was 0.12 lakh hectare in 2015-16 as against 0.18 lakhs hectares in 2014-15 showing a decrease of 33.33 percent.

8.20.2 The production of Sunflower was 0.13 lakh tonnes in 2015-16 as against 0.26 lakh tonnes in 2014-15 showing a decrease of 48.00 percent over previous year. The decrease in production is attributed to the decrease in the average yield per hectare during the year 2015-16.

8.20.3 The yield rate of sunflower was 1154 kgs./hect in 2015-16 as against 1397 kgs/hectare. in 2014-15, showing a decrease of 17.39 percent. The area, productivity and production of Sunflower from 2000-01 to 2015-16 are presented in Table –8.20.

TABLE-8.20
AREA, PRODUCTION AND PRODUCTIVITY OF SUNFLOWER

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	0.10	0.23	0.33	0.04	0.21	0.25	421	892	749
2	2001-02	0.06	0.22	0.28	0.03	0.18	0.21	546	816	756
3	2002-03	0.10	0.28	0.38	0.05	0.24	0.29	504	848	756
4	2003-04	0.16	0.47	0.63	0.11	0.51	0.62	708	1087	989
5	2004-05	0.24	0.80	1.04	0.11	0.46	0.57	475	571	549
6	2005-06	0.21	0.65	0.86	0.07	0.67	0.74	336	1039	866
7	2006-07	0.14	0.61	0.75	0.04	0.72	0.76	327	1183	1026
8	2007-08	0.12	0.81	0.93	0.00	1.17	1.17	623	1350	1259
9	2008-09	0.09	0.71	0.80	0.06	0.88	0.94	633	1245	1175
10	2009-10	0.09	0.52	0.61	0.03	0.52	0.55	376	985	897
11	2010-11	0.04	0.24	0.28	0.03	0.26	0.29	676	1076	1020
12	2011-12	0.02	0.22	0.24	0.01	0.23	0.24	502	1041	990
13	2012-13	0.02	0.26	0.28	0.02	0.30	0.32	826	1152	1129
14	2013-14	0.02	0.18	0.20	0.02	0.17	0.19	858	959	949
15	2014-15	0.01	0.17	0.18	0.02	0.24	0.26	1019	1428	1397
16	2015-16	0.01	0.11	0.12	0.01	0.12	0.13	910	1175	1154

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: SUNFLOWER

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	126	530	126	530
2	NIZAMABAD	0	0	4264	6827	4264	6827
3	KARIMNAGAR	0	0	516	542	516	542
4	MEDAK	35	102	5161	7144	5196	7246
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	23	134	217	134	240
7	MAHABUBNAGAR	875	1244	326	1597	1201	2841
8	NALGONDA	0	0	12	56	12	56
9	WARANGAL	0	0	14	21	14	21
10	KHAMMAM	0	0	84	68	84	68
TOTAL		910	1369	10637	17002	11547	18371

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	104	494	104	494
2	NIZAMABAD	0	0	3731	8875	3731	8875
3	KARIMNAGAR	0	0	712	810	712	810
4	MEDAK	32	104	7514	12445	7546	12549
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	23	157	310	157	333
7	MAHABUBNAGAR	796	1268	155	1131	951	2399
8	NALGONDA	0	0	14	80	14	80
9	WARANGAL	0	0	16	30	16	30
10	KHAMMAM	0	0	99	97	99	97
TOTAL		828	1395	12502	24272	13330	25667

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	822	933	825	933
2	NIZAMABAD	0	0	875	1300	875	1300
3	KARIMNAGAR	0	0	1380	1495	1380	1495
4	MEDAK	910	1019	1456	1742	1452	1732
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	1019	1175	1428	1172	1388
7	MAHABUBNAGAR	910	1019	475	708	792	844
8	NALGONDA	0	0	1175	1428	1167	1428
9	WARANGAL	0	0	1175	1428	1143	1428
10	KHAMMAM	0	0	1175	1428	1179	1428
TOTAL		910	1019	1175	1428	1154	1397

CASTOR

8.21.1 Castor is cultivated mostly in kharif season in the State. It is extensively cultivated in Mahabubnagar, Medak, Rangareddy, Warangal and Nalgonda districts. These districts together account for 99.66 percent of the total area under the Castor crop in the State during 2015-16 and Mahabubnagar district alone shared 95.59 percent of total area under the crop. The area sown under Castor was 0.48 lakh hectares in 2015-16 as against 0.51 lakh hectares in 2014-15, showing a decrease of 5.88 percent.

8.21.2 The production of Castor during 2015-16 was 0.17 lakh tonnes as against 0.29 lakh tonnes in 2014-15, showing a decrease of 43.33 percent due to significant decrease in yield rate per hectare and reduction in Areas during 2015-16 over previous year.

8.21.3 The yield rate of Castor was 358 kgs/hect in 2015-16 as against 578 kgs./hect. in 2014-15, showing a decrease of 38.06 percent. The area, productivity and production of Castor from 2000-01 to 2015-16 are presented in Table – 8.21.

TABLE-8.21
AREA, PRODUCTION AND PRODUCTIVITY OF CASTOR

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SI.NO	YEAR	AREA			PRODUCTION			YIELD		
		KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL	KHARIF	RABI	TOTAL
1	2000-01	3.33	0.00	3.33	1.17	0.00	1.17	351	0	351
2	2001-02	2.50	0.00	2.50	0.73	0.00	0.73	294	0	294
3	2002-03	2.10	0.00	2.10	0.82	0.00	0.82	392	0	392
4	2003-04	2.56	0.00	2.56	1.17	0.00	1.17	458	0	458
5	2004-05	2.38	0.00	2.38	0.90	0.00	0.90	376	0	376
6	2005-06	2.97	0.00	2.97	1.13	0.00	1.13	382	0	382
7	2006-07	1.82	0.00	1.82	0.77	0.00	0.77	425	0	425
8	2007-08	1.68	0.00	1.68	1.09	0.00	1.09	650	0	650
9	2008-09	1.29	0.01	1.30	0.60	N	0.60	465	465	465
10	2009-10	0.99	N	0.99	0.39	N	0.39	394	395	394
11	2010-11	1.03	0.01	1.04	0.50	0.01	0.51	488	506	488
12	2011-12	0.89	0.02	0.91	0.35	0.01	0.36	390	388	390
13	2012-13	0.97	0.01	0.98	0.52	0.01	0.53	535	535	535
14	2013-14	0.79	0.01	0.80	0.56	0.01	0.57	707	710	707
15	2014-15	0.50	0.01	0.51	0.28	0.01	0.29	578	576	578
16	2015-16	0.47	0.01	0.48	0.17	N	0.17	358	354	358

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: CASTOR

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	59	91	0	3	59	94
2	NIZAMABAD	2	0	2	0	4	0
3	KARIMNAGAR	78	66	21	0	99	66
4	MEDAK	385	423	389	563	774	986
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	592	749	0	0	592	749
7	MAHABUBNAGAR	45679	47574	178	422	45857	47996
8	NALGONDA	226	475	11	12	237	487
9	WARANGAL	352	339	0	0	352	339
10	KHAMMAM	0	0	0	0	0	0
TOTAL		47373	49717	601	1000	47974	50717

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	21	53	0	2	21	55
2	NIZAMABAD	1	0	1	0	2	0
3	KARIMNAGAR	28	38	8	0	36	38
4	MEDAK	138	244	139	325	277	569
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	304	278	0	0	304	278
7	MAHABUBNAGAR	16353	27878	64	247	16417	28125
8	NALGONDA	26	84	1	2	27	86
9	WARANGAL	77	149	0	0	77	149
10	KHAMMAM	0	0	0	0	0	0
TOTAL		16948	28724	213	576	17161	29300

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	358	578	0	578	358	585
2	NIZAMABAD	358	0	358	0	358	0
3	KARIMNAGAR	358	578	358	0	358	576
4	MEDAK	358	578	358	578	358	578
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	514	371	0	0	514	371
7	MAHABUBNAGAR	358	586	358	586	358	586
8	NALGONDA	113	177	113	177	113	177
9	WARANGAL	219	440	0	0	219	440
10	KHAMMAM	0	0	0	0	0	0
TOTAL		358	578	354	576	358	578

TABLE—8.22
AREA, PRODUCTION AND PRODUCTIVITY OF OTHER OILSEEDS

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

CROP : SOYABEAN

SI.NO	YEAR	KHARIF		
		AREA	PRODUCTION	YIELD
1	2003-04	0.67	1.05	1580
2	2004-05	0.75	1.17	1555
3	2005-06	0.95	1.89	2001
4	2006-07	1.02	1.55	1529
5	2007-08	0.87	1.73	1991
6	2008-09	1.42	1.93	1365
7	2009-10	1.56	1.29	824
8	2010-11	1.26	2.14	1704
9	2011-12	1.28	2.07	1616
10	2012-13	1.58	2.87	1817
11	2013-14	2.42	3.90	1610
12	2014-15	2.43	2.62	1081
13	2015-16	2.43	2.52	1036

CROP :PALM OIL

SI.NO	YEAR	KHARIF		
		AREA	PRODUCTION	YIELD
1	2006-07	0.01	0.24	20882
2	2007-08	0.01	0.25	18117
3	2008-09	0.02	0.39	18620
4	2009-10	0.02	0.65	26150
5	2010-11	0.03	0.41	15471
6	2011-12	0.03	0.44	15610
7	2012-13	0.04	0.75	18824
8	2013-14	0.03	0.45	12599
9	2014-15	N	0.92	26863
10	2015-16	0.04	0.83	21382

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: SOYABEAN

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	96367	105907	0	0	96367	105907
2	NIZAMABAD	109589	97431	367	117	109956	97548
3	KARIMNAGAR	9328	16533	0	0	9328	16533
4	MEDAK	26007	21550	0	0	26007	21550
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	1326	647	0	0	1326	647
7	MAHABUBNAGAR	0	4	0	0	0	4
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	185	445	27	5	212	450
10	KHAMMAM	0	0	0	0	0	0
TOTAL		242802	242517	394	122	243196	242639

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	96367	87585	0	0	96367	87585
2	NIZAMABAD	116931	133286	392	160	117323	133446
3	KARIMNAGAR	11921	17872	0	0	11921	17872
4	MEDAK	24811	22261	0	0	24811	22261
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	1375	699	0	0	1375	699
7	MAHABUBNAGAR	0	4	0	0	0	4
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	192	481	28	5	220	486
10	KHAMMAM	0	0	0	0	0	0
TOTAL		251597	262188	420	165	252017	262353

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	1000	827	0	0	1000	827
2	NIZAMABAD	1067	1368	1067	1368	1067	1368
3	KARIMNAGAR	1278	1081	0	0	1278	1081
4	MEDAK	954	1033	0	0	954	1033
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	1037	1081	0	0	1037	1081
7	MAHABUBNAGAR	0	1081	0	0	0	1081
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	1037	1081	1037	1081	1037	1081
10	KHAMMAM	0	0	0	0	0	0
TOTAL		1037	1081	1066	1352	1036	1081

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: PALM OIL

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	0	0	0	0
2	NIZAMABAD	0	0	0	0	0	0
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	0	0	0	0	0	0
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	0	0	0	0	0	0
8	NALGONDA	155	114	0	0	155	114
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	3739	3319	0	0	3739	3319
TOTAL		3894	3433	0	0	3894	3433

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	0	0	0	0
2	NIZAMABAD	0	0	0	0	0	0
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	0	0	0	0	0	0
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	0	0	0	0	0	0
8	NALGONDA	3314	3062	0	0	3314	3062
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	79947	89158	0	0	79947	89158
TOTAL		83261	92220	0	0	83261	92220

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	0	0	0	0
2	NIZAMABAD	0	0	0	0	0	0
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	0	0	0	0	0	0
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	0	0	0	0	0	0
8	NALGONDA	21382	26863	0	0	21382	26863
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	21382	26863	0	0	21382	26863
TOTAL		21382	26863	0	0	21382	26863

TABLE—8.22
AREA, PRODUCTION AND PRODUCTIVITY OF OTHER OILSEEDS

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

CROP : SAFFLOWER

SI.NO	YEAR	RABI		
		AREA	PRODUCTION	YIELD
1	2000-01	0.12	0.05	438
2	2001-02	0.14	0.05	333
3	2002-03	0.15	0.06	386
4	2003-04	0.13	0.04	311
5	2004-05	0.18	0.08	453
6	2005-06	0.16	0.08	470
7	2006-07	0.14	0.09	643
8	2007-08	0.16	0.12	753
9	2008-09	0.16	0.06	399
10	2009-10	0.14	0.06	434
11	2010-11	0.12	0.08	661
12	2011-12	0.10	0.07	745
13	2012-13	0.10	0.16	1657
14	2013-14	0.08	0.06	708
15	2014-15	N	0.03	746
16	2015-16	0.04	0.03	670

CROP :NIGERSEED

SI.NO	YEAR	KHARIF		
		AREA	PRODUCTION	YIELD
1	2000-01	0.00	0.00	0
2	2001-02	0.01	N	420
3	2002-03	0.00	0.00	0
4	2003-04	0.01	N	393
5	2004-05	0.01	N	389
6	2005-06	0.01	N	387
7	2006-07	0.00	0.00	366
8	2007-08	0.00	0.00	358
9	2008-09	0.00	0.00	444
10	2009-10	0.00	0.00	0
11	2010-11	0.00	0.00	400
12	2011-12	0.00	0.00	400
13	2012-13	0.00	0.00	688
14	2013-14	N	N	510
15	2014-15	N	N	322

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: SAFFLOWER

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	3	41	3	41
2	NIZAMABAD	0	0	901	1457	901	1457
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	0	0	2259	1561	2259	1561
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	381	796	381	796
7	MAHABUBNAGAR	0	0	311	300	311	300
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		0	0	3855	4155	3855	4155

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	2	31	2	31
2	NIZAMABAD	0	0	204	1409	204	1409
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	0	0	1565	846	1565	846
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	292	590	292	590
7	MAHABUBNAGAR	0	0	518	224	518	224
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		0	0	2581	3100	2581	3100

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	670	746	670	746
2	NIZAMABAD	0	0	226	967	226	967
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	0	0	693	542	693	542
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	766	741	766	741
7	MAHABUBNAGAR	0	0	1667	746	1667	746
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		0	0	670	746	670	746

TABLE—8.25
AREA, PRODUCTION AND PRODUCTIVITY OF OTHER OILSEEDS

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

CROP : LINSEED

SI.NO	YEAR	RABI		
		AREA	PRODUCTION	YIELD
1	2000-01	0.05	0.01	199
2	2001-02	0.06	0.01	242
3	2002-03	0.04	0.01	304
4	2003-04	0.05	0.01	263
5	2004-05	0.04	N	112
6	2005-06	0.04	0.01	373
7	2006-07	0.03	0.01	275
8	2007-08	0.01	N	263
9	2008-09	N	N	376
10	2009-10	0.01	N	148
11	2010-11	0.01	N	232
12	2011-12	0.00	N	214
13	2012-13	0.00	N	483
14	2013-14	N	N	489
15	2014-15	N	N	401
16	2015-16	N	N	419

CROP :RAPE & MUSTARD

SI.NO	YEAR	RABI		
		AREA	PRODUCTION	YIELD
1	2000-01	N	N	222
2	2001-02	N	N	325
3	2002-03	N	N	444
4	2003-04	N	N	262
5	2004-05	N	N	250
6	2005-06	N	N	444
7	2006-07	N	N	538
8	2007-08	N	N	518
9	2008-09	N	0.01	1258
10	2009-10	N	0.01	598
11	2010-11	N	0.01	1261
12	2011-12	N	N	2524
13	2012-13	N	N	907
14	2013-14	0.01	0.01	764
15	2014-15	0.02	0.04	1758
16	2015-16	0.01	0.02	1220

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: LINSEED

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	0	0	0	0
2	NIZAMABAD	0	0	0	0	0	0
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	0	0	7	45	7	45
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	0	0	0	0	0	0
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		0	0	7	45	7	45

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	0	0	0	0
2	NIZAMABAD	0	0	0	0	0	0
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	0	0	3	18	3	18
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	0	0	0	0	0	0
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		0	0	3	18	3	18

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	0	0	0	0
2	NIZAMABAD	0	0	0	0	0	0
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	0	0	419	401	419	401
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	0	0	0	0	0	0
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		0	0	419	401	419	401

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: RAPE & MUSTARD

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	281	696	281	696
2	NIZAMABAD	0	0	280	439	280	439
3	KARIMNAGAR	0	0	804	1119	804	1119
4	MEDAK	0	0	0	0	0	0
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	0	0	0	0	0	0
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		0	0	1365	2254	1365	2254

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	163	1224	163	1224
2	NIZAMABAD	0	0	265	469	265	469
3	KARIMNAGAR	0	0	1237	2269	1237	2269
4	MEDAK	0	0	0	0	0	0
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	0	0	0	0	0	0
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		0	0	1665	3962	1665	3962

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	581	1758	581	1758
2	NIZAMABAD	0	0	947	1069	947	1069
3	KARIMNAGAR	0	0	1539	2028	1539	2028
4	MEDAK	0	0	0	0	0	0
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	0	0	0	0	0	0
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		0	0	1220	1758	1220	1758

COTTON

8.23.1 Cotton is an important Fibre crop grown in Kharif season in the state, and it has mainly sown as un-irrigated crop. Telangana State is one of the top most states along with Gujarat and Maharashtra States in India in respect of area and production of cotton. During Kharif season, the crop is mainly sown as a rain-fed crop in all the Districts and mostly in Nalgonda, Adilabad, Mahabubnagar, Warangal, Karimnagar, Khammam and Medak Districts, these Districts together accounted for 95.51 % of the total Area under the crop in the State during 2015-16. Area under Cotton crop during the year 2015-16 was 17.73 lakh hectares as against 16.93 lakh hectares in 2014-15, showing an increase of 4.73 percent over previous year.

8.23.2 The production of Cotton crop in the State was 37.33 lakh bales (lint) of 170 Kgs in 2015-16 as compared to 35.83 lakh bales in 2014-15 showing an increase of 4.19 percent . The increase in production is due to increase in area during 2015-16.

8.23.3 The yield rate of Cotton crop was 358 Kgs per hectare in 2015-16 as against 360 Kgs per hectare during 2015-16 showing a slight decrease of 0.56 percent over previous year. The area, productivity and production of Cotton crop from 2001-02 to 2015-16 are presented in the table - 8.23.

TABLE-8.23
AREA, PRODUCTION AND PRODUCTIVITY OF COTTON

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

SL.NO	YEAR	LINT		
		AREA	PRODUCTION	YIELD
1	2000-01	6.30	1015	282
2	2001-02	7.61	1149	252
3	2002-03	5.48	696	227
4	2003-04	5.22	1076	292
5	2004-05	7.39	1172	268
6	2005-06	7.19	1414	312
7	2006-07	7.30	1493	313
8	2007-08	8.57	2480	460
9	2008-09	10.92	2541	396
10	2009-10	11.60	2337	342
11	2010-11	13.95	3035	370
12	2011-12	15.81	2294	247
13	2012-13	18.13	4057	380
14	2013-14	17.03	4235	423
15	2014-15	16.93	3583	360
16	2015-16	17.73	3733	358

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: COTTON (KAPAS)

(Area in hectares, Production in Tonnes)

SL. NO.	DISTRICT	AREA		PRODUCTION		YIELD (KGS/HECTARE)	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	336448	304424	423588	423588	1259	969
2	NIZAMABAD	16658	15795	8346	8346	501	616
3	KARIMNAGAR	201244	214586	276912	276912	1376	1406
4	MEDAK	134239	133703	114237	114237	851	900
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	63008	63469	47445	47445	753	896
7	MAHABUBNAGAR	273989	267683	132611	132611	484	893
8	NALGONDA	341655	307792	323889	323889	948	844
9	WARANGAL	251021	228057	324068	324068	1291	1374
10	KHAMMAM	154994	157416	234351	234351	1512	1584
TOTAL		1773256	1692925	1885447	1885447	1063	1090

CROP: COTTON (LINT) (PRODUCTION IN BALES OF 170KGS.EACH BALE)

SL. NO.	DISTRICT	AREA (IN '000' HECT)		PRODUCTION		YIELD (KGS/HECTARE)	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	336448	304424	838679	573033	424	320
2	NIZAMABAD	16658	15795	16524	18861	169	203
3	KARIMNAGAR	201244	214586	548269	585694	163	464
4	MEDAK	134239	133703	226183	233587	286	297
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	63008	63469	93938	110511	253	296
7	MAHABUBNAGAR	273989	267683	262561	464509	163	295
8	NALGONDA	341655	307792	641281	505141	319	279
9	WARANGAL	251021	228057	641636	607705	435	453
10	KHAMMAM	154994	157416	646001	484286	509	523
TOTAL		1773256	1692925	373307	3583327	358	360

Tobacco

8.24.1 Tobacco crop is large extent sown during Rabi season. There are two varieties of Tobacco viz: virginia and natu (desi). Mahabubnagar and Khammam districts together account for 79.42 percent of the total area in the State during 2015-16. Area under Tobacco crop was 0.06 lakh hectares during 2015-16 as against also 0.06 lakh hect. in 2014-15, showing a static against previous year.

8.24.2 The production of Tobacco during 2015-16 was 0.15 lakh tonnes as against 0.16 lakh tonnes in 2014-15, showing a decrease of 6.25 percent, due to decrease in Productivity per hectare during 2015-16 .

8.24.3 The yield rate of Tobacco was recorded at 2617 Kgs/Hectare in 2015-16 as against 2625 Kgs/ hectare during 2014-15 showing an increase of 0.31 percent during 2015-16.

The area, productivity and production of Tobacco from 2000-01 to 2015-16 are given in the Table –8.24.

**TABLE-8.24
AREA, PRODUCTION AND PRODUCTIVITY OF TOBACCO**

(Area In Lakh Hectares, Production In Lakh Tonnes, Yield in Kgs/Hectare)

Sl.NO	YEAR	TOTAL TOBACCO		
		AREA	PRODUCTION	YIELD
1	2000-01	0.09	0.13	1467
2	2001-02	0.11	0.23	2146
3	2002-03	0.07	0.20	2796
4	2003-04	0.10	0.19	1937
5	2004-05	0.08	0.11	1430
6	2005-06	0.09	0.17	1922
7	2006-07	0.09	0.23	2509
8	2007-08	0.08	0.17	2005
9	2008-09	0.11	0.34	3029
10	2009-10	0.13	0.28	2196
11	2010-11	0.09	0.21	2380
12	2011-12	0.09	0.25	2821
13	2012-13	0.05	0.13	2830
14	2013-14	0.06	0.14	2246
15	2014-15	0.06	0.16	2749
16	2015-16	0.06	0.15	2617

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: TOBACCO

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	2	0	33	21	35	21
2	NIZAMABAD	250	0	637	945	887	945
3	KARIMNAGAR	5	0	38	8	43	8
4	MEDAK	0	0	23	22	23	22
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	1187	1178	1177	1154	2364	2332
8	NALGONDA	12	26	11	75	23	101
9	WARANGAL	56	330	125	70	181	400
10	KHAMMAM	0	0	2235	2256	2235	2256
TOTAL		1512	1534	4279	4551	5791	6085

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	9	0	78	50	87	50
2	NIZAMABAD	596	0	1511	3664	2107	3664
3	KARIMNAGAR	23	0	173	31	196	31
4	MEDAK	0	0	105	43	105	43
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	2816	2305	2792	2258	5608	4563
8	NALGONDA	55	101	50	291	105	392
9	WARANGAL	203	1060	480	137	683	1197
10	KHAMMAM	0	0	6266	6035	6266	6035
TOTAL		3702	3466	11455	12509	15157	15975

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	4500	0	2364	2381	2486	2381
2	NIZAMABAD	2384	0	2372	3877	2375	3877
3	KARIMNAGAR	4600	0	4553	3877	4558	3877
4	MEDAK	0	0	4565	1957	4565	1957
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	2372	1957	2372	1957	2372	1957
8	NALGONDA	4583	3877	4545	3877	4565	3877
9	WARANGAL	3625	3212	3840	1957	3773	2993
10	KHAMMAM	0	0	2804	2675	2804	2675
TOTAL		2448	2259	2677	2749	2617	2625

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: SMALL MILLETS

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	0	0	0	0
2	NIZAMABAD	0	0	0	0	0	0
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	5	0	0	0	5	0
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	1241	134	64	0	1305	134
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		1246	134	64	0	1310	134

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	0	0	0	0
2	NIZAMABAD	0	0	0	0	0	0
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	4	0	0	0	4	0
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	989	85	51	0	1040	85
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		993	85	51	0	1044	85

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	0	0	0	0
2	NIZAMABAD	0	0	0	0	0	0
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	797	0	0	0	797	0
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	797	633	797	0	797	633
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		797	633	797	0	797	633

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: CEREALS & MILLETS

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	63509	56186	38167	41984	101676	98170
2	NIZAMABAD	114252	152180	33938	89869	148190	242049
3	KARIMNAGAR	161956	232884	94480	156418	256436	389302
4	MEDAK	172633	191764	44133	60341	216766	252105
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	68145	75256	11795	16745	79940	92001
7	MAHABUBNAGAR	248620	308594	39412	62228	288032	370822
8	NALGONDA	131433	181183	86054	147971	217487	329154
9	WARANGAL	170327	162856	86984	89107	257311	251963
10	KHAMMAM	120927	127190	21657	51843	142584	179033
TOTAL		1251802	1488093	456620	716506	1708422	2204599

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	154896	116880	103413	100781	258309	217661
2	NIZAMABAD	355846	596445	94918	327154	450764	923599
3	KARIMNAGAR	568131	877458	363222	659162	931353	1536620
4	MEDAK	402481	412801	112164	190748	514645	603549
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	224199	199727	30667	45159	254866	244886
7	MAHABUBNAGAR	375075	623332	81689	173925	456764	797257
8	NALGONDA	392405	552212	231889	497151	624294	1049363
9	WARANGAL	560192	550132	375239	414702	935431	964834
10	KHAMMAM	378520	384766	93114	233037	471634	617803
TOTAL		3411745	4313753	1486315	2641819	4898060	6955572

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	2439	2080	2709	2400	2541	2217
2	NIZAMABAD	3115	3919	2797	3640	3042	3816
3	KARIMNAGAR	3508	3768	3844	4214	3632	3947
4	MEDAK	2331	2153	2541	3161	2374	2394
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	3290	2654	2600	2697	3188	2662
7	MAHABUBNAGAR	1509	2020	2073	2795	1586	2150
8	NALGONDA	2986	3048	2695	3360	2870	3188
9	WARANGAL	3289	3378	4314	4654	3635	3829
10	KHAMMAM	3130	3025	4299	4495	3308	3451
TOTAL		2725	2899	3255	3687	2867	3155

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: TOTAL FOOD GRAINS

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	110000	100560	53353	57847	163353	158407
2	NIZAMABAD	127650	165465	52940	99473	180590	264938
3	KARIMNAGAR	169249	239384	101856	167469	271105	406853
4	MEDAK	235864	237472	56800	71363	292664	308835
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	106843	113691	15772	21660	122615	135351
7	MAHABUBNAGAR	375346	415548	64690	84783	440036	500331
8	NALGONDA	174635	205688	89396	150852	264031	356540
9	WARANGAL	194744	188168	92299	97651	287043	285819
10	KHAMMAM	130350	133924	28388	61768	158738	195692
TOTAL		1624681	1799900	555494	812866	2180175	2612766

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	198588	152121	120763	118008	319351	270129
2	NIZAMABAD	361084	600523	105369	337370	466453	937893
3	KARIMNAGAR	572045	881257	370732	669400	942777	1550657
4	MEDAK	427094	433639	125459	202381	552553	636020
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	236683	217988	35138	50034	271821	268022
7	MAHABUBNAGAR	406026	671291	90709	212130	496735	883421
8	NALGONDA	413380	562256	233290	498252	646670	1060508
9	WARANGAL	575971	564596	389349	419472	965320	984068
10	KHAMMAM	384552	388177	99202	239511	483754	627688
TOTAL		3575423	4471848	1570011	2746558	5145434	7218406

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	1805	1513	2263	2040	1955	1705
2	NIZAMABAD	2829	3629	1990	3392	2583	3540
3	KARIMNAGAR	3380	3681	3640	3997	3478	3811
4	MEDAK	1811	1826	2209	2836	1888	2059
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	2215	1917	2228	2310	2217	1980
7	MAHABUBNAGAR	1082	1615	1402	2502	1129	1766
8	NALGONDA	2367	2734	2610	3303	2449	2974
9	WARANGAL	2958	3000	4218	4296	3363	3443
10	KHAMMAM	2950	2898	3495	3878	3047	3208
TOTAL		2201	2484	2826	3379	2360	2763

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: TURMERIC

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	7719	7089	0	5	7719	7094
2	NIZAMABAD	12242	12458	0	0	12242	12458
3	KARIMNAGAR	10600	10363	0	0	10600	10363
4	MEDAK	1179	1566	0	0	1179	1566
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	2253	3303	0	0	2253	3303
7	MAHABUBNAGAR	8	36	0	0	8	36
8	NALGONDA	2	1	0	0	2	1
9	WARANGAL	8348	8482	0	0	8348	8482
10	KHAMMAM	184	172	0	0	184	172
TOTAL		42535	43470	0	5	42535	43475

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	41474	45745	0	32	41474	45777
2	NIZAMABAD	33825	47004	0	0	33825	47004
3	KARIMNAGAR	53975	64986	0	0	53975	64986
4	MEDAK	5109	3715	0	0	5109	3715
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	7822	11336	0	0	7822	11336
7	MAHABUBNAGAR	35	179	0	0	35	179
8	NALGONDA	9	5	0	0	9	5
9	WARANGAL	41239	42410	0	0	41239	42410
10	KHAMMAM	797	856	0	0	797	856
TOTAL		184285	216236	0	32	184285	216268

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	5373	6453	0	6453	5373	6453
2	NIZAMABAD	2763	3773	0	0	2763	3773
3	KARIMNAGAR	5092	6271	0	0	5092	6271
4	MEDAK	4333	2372	0	0	4333	2372
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	3472	3432	0	0	3472	3432
7	MAHABUBNAGAR	4333	4974	0	0	4333	4974
8	NALGONDA	4333	4974	0	0	4333	4974
9	WARANGAL	4940	5000	0	0	4940	5000
10	KHAMMAM	4333	4974	0	0	4333	4974
TOTAL		4333	4974	0	6453	4333	4975

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: MANGOES

(Area in hectares, Production in Tonnes)

SL. NO.	DISTRICT	AREA		PRODUCTION		YIELD (KGS/HECTARE)	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	5906	5855	26931	16300	4560	2784
2	NIZAMABAD	1213	1466	5836	8877	4811	6055
3	KARIMNAGAR	19668	17478	99127	121123	5040	6930
4	MEDAK	6940	6974	33388	42228	4811	6055
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	5492	5576	26422	33763	4811	6055
7	MAHABUBNAGAR	14364	13070	42015	46189	2925	3534
8	NALGONDA	9354	7997	72026	126832	7700	15860
9	WARANGAL	10284	10096	38688	43736	3762	4332
10	KHAMMAM	22041	24935	113908	126770	5168	5084
TOTAL		95262	93447	458341	565818	4811	6055

CROP: PLANTAIN(FOR HARVEST)

(Area in hectares, Production in Tonnes)

SL. NO.	DISTRICT	AREA		PRODUCTION		YIELD (KGS/HECTARE)	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	20	11	957	464	47840	42172
2	NIZAMABAD	98	44	4688	1856	47840	42172
3	KARIMNAGAR	50	31	2392	1307	47840	42172
4	MEDAK	660	904	26948	37703	40830	41707
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	99	56	4736	2362	47840	42172
7	MAHABUBNAGAR	2	0	96	0	47840	0
8	NALGONDA	33	39	1579	1645	47840	42172
9	WARANGAL	408	264	19519	11133	47840	42172
10	KHAMMAM	386	358	23093	15518	59826	43347
TOTAL		1756	1707	84008	71988	47841	42172

CROP: CASHEWNUT

(Area in hectares, Production in Tonnes)

SL. NO.	DISTRICT	AREA		PRODUCTION		YIELD (KGS/HECTARE)	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	12	0	7	0	560
2	NIZAMABAD	0	0	0	0	0	0
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	0	0	0	0	0	0
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	0	0	0	0	0
7	MAHABUBNAGAR	0	0	0	0	0	0
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	3036	4077	2146	2283	707	560
TOTAL		3036	4089	2146	2290	707	560

DISTRICT-WISE AREA, PRODUCTION AND YIELD FOR THE YEAR 2015-16 & 2014-15

CROP: POTATOES

AREA

(in Hectares)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	0	0	0	0
2	NIZAMABAD	0	0	0	0	0	0
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	0	0	1671	2408	1671	2408
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	9	549	627	549	636
7	MAHABUBNAGAR	0	0	0	2	0	2
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		0	9	2220	3037	2220	3046

PRODUCTION

(in Tonnes)

SL. NO.	DISTRICT	KHARIF		RABI		TOTAL	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	0	0	0	0
2	NIZAMABAD	0	0	0	0	0	0
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	0	0	19825	28990	19825	28990
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	173	8641	12052	8641	12225
7	MAHABUBNAGAR	0	0	0	27	0	27
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		0	173	28466	41069	28466	41242

YIELD

(in Kgs/Hect.)

SL. NO.	DISTRICT	KHARIF		RABI		ANNUAL AVERAGE	
		2015-16	2014-15	2015-16	2014-15	2015-16	2014-15
1	ADILABAD	0	0	0	0	0	0
2	NIZAMABAD	0	0	0	0	0	0
3	KARIMNAGAR	0	0	0	0	0	0
4	MEDAK	0	0	11864	12039	11864	12039
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	0	19222	15739	19222	15739	19222
7	MAHABUBNAGAR	0	0	0	13523	0	13523
8	NALGONDA	0	0	0	0	0	0
9	WARANGAL	0	0	0	0	0	0
10	KHAMMAM	0	0	0	0	0	0
TOTAL		0	19222	12823	13523	12823	13540

9. INDEX NUMBER OF AGRICULTURAL PRODUCTION 2015-16

The Index Number of Agricultural Production for the year 2015-16 of Area under crops, Productivity (Yields), Net Area Sown, Cropping pattern, Cropping Intensity and Productivity per hectare of net area sown with base Triennium ending 2007-08 are presented utilizing the principles of Laspyers Index . 44 crops are covered for this purpose which is divided into two main groups i.e., 1) Food Grains 2) Non-Food Grains which in turn are sub-grouped as shown below.

Sl. No	Main group	Sub-Group	Crops Covered
(1)	(2)	(3)	(4)
1	Food Grains	i. Cereals	Rice,Wheat,Jowar,Bajra, Maize,Ragi and Korra
		ii.Pulses	Bengalgram, Redgram, Greengram, Blackgram, Horsegram, Cowgram and Other pulses.
2	Non-Food Grains	i. Oil Seeds	Groundnut, Sesamum, Sunflower, Safflower, Castor, Rape and Mustard, Linseed and Soyabean .
		ii. Fibres	Cotton .
		iii. Fruits & Vegetables.	Potato, Onions, Banana(H), Cashewnut, Bhen-di, Tomato, Brinjal, Mangoes, Acid Lime , Bata-via, Guava, Sapota, Papaya and Sweet Potatoes.
		iv. Condiments	Chillies, Turmeric, Coriander, Ginger and Tamarind
		v. Other crops	Sugarcane , Tobacco.

The area under the above 44 crops constituted 97.54 percent of the total cropped area in the state during 2015-16.

Index Number of Area under crops

The Index number of area under all crops was decreased by 10.19 percent over the previous year. Pulses crops Index number increased i.e., 15.57% Condiments and Spices 5.16% and Fibres 4.74 % . Cereals & Millets Index number is decreased i.e., 22.51% followed by Food grains 16.55% ,Oil seeds 9.50% and Fruits and Vegetables 2.59 % .The Index number of area under different crops for the year from 2011-12 to 2015-16 are given in the table .

**INDEX NUMBER OF AREA UNDER CROPS
FROM 2011-12 TO 2015-16**

(Base: Triennium ending 2007-08 =100)

Sl. No.	Crop Group	2011-12	2012-13	2013-14	2014-15	2015-16	% of Deviation in 2015-16 over 2014-15
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	CERE.&MILLETS	104.73	93.54	120.86	92.69	71.83	-22.51
2	PULSES	88.92	87.84	80.01	58.72	67.86	15.57
3	FOODGRAINS	101.15	92.25	111.62	85.00	70.93	-16.55
4	OIL SEEDS	67.90	76.83	88.76	75.67	68.48	-9.50
5	FIBRES	205.59	235.78	221.49	220.19	230.62	4.74
6	CONDIMENTS AND SPICES	100.12	1484.97	86.17	81.18	85.37	5.16
7	FRUITS AND VEGETABLES	106.03	102.10	108.63	107.66	104.87	-2.59
8	OTHER CROPS	22.11	18.46	18.43	17.96	16.53	-7.96
9	NON- FOODGRAINS	120.91	236.99	132.55	127.26	128.77	1.19
10	TOTAL CROPS	108.97	149.55	124.22	105.75	94.97	-10.19

Index Number of Productivity of crops

The Index number of productivity of all crops were decreased by 2.03 percent when compared to the previous year. The decrease is reflected in all categories except Fruits and Vegetables category . The productivity index of crops under sub-groups i.e., Cereals and Millets, Pulses, Food Grains, Oil seeds , Fibres, Condiments and Spices and Non-Foodgrain Crops decreased by 9.14%, 18.57%, 14.58%. 14.24%, %,0.57%, 15.55% and 0.03% over the previous year. The Index number of productivity under different crop groups for the year from 2011-12 to 2015-16 are given in the Table .

INDEX NUMBER OF PRODUCTIVITY UNDER CROPS FROM 2011-12 TO 2015-16

(Base: Triennium ending 2007-08 =100)

Sl. No.	Crop Group	2011-12	2012-13	2013-14	2014-15	2015-16	% of Deviation in 2014-15 over 2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	CERE.&MILLETS	90.30	108.76	111.00	98.50	89.50	-9.14
2	PULSES	64.63	108.41	112.62	86.82	70.70	-18.57
3	FOODGRAINS	91.16	109.82	117.69	104.39	89.17	-14.58
4	OIL SEEDS	105.10	124.12	122.39	108.87	93.37	-14.24
5	FIBRES	44.22	74.41	147.58	125.64	124.92	-0.57
6	CONDIMENTS AND SPICES	93.40	33.91	102.14	100.74	85.07	-15.55
7	FRUITS AND VEGETABLES	89.30	93.68	120.78	49.55	102.93	107.73
8	OTHER CROPS	341.84	379.52	359.25	365.31	285.96	-21.72
9	NON- FOOD GRAINS	68.05	49.72	89.52	73.31	73.29	-0.03
10	TOTAL CROPS	79.65	73.78	100.17	86.27	84.52	-2.03

Index Number of Production of crops

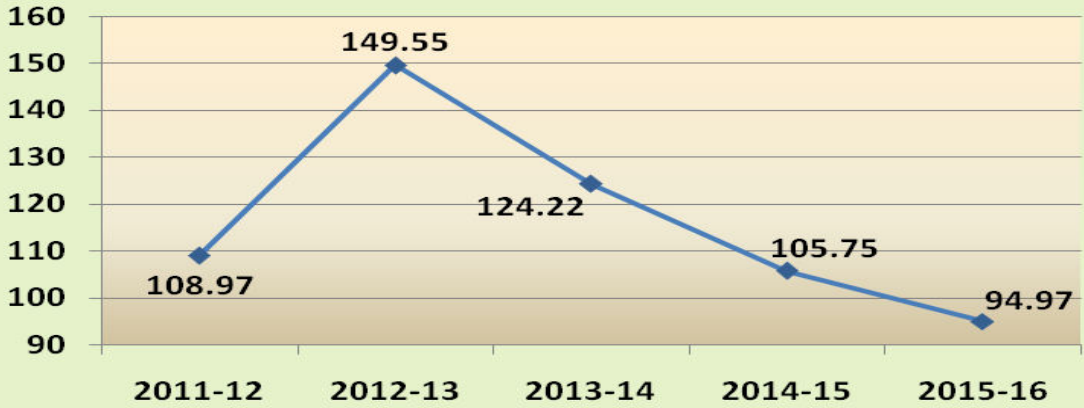
The Index Numbers of Agricultural production of all crops registered a decrease of 12.01 percent during 2015-16 over the previous year. The Index Number of Fruits and Vegetables is increased by 102.32%, fibers 4.34 and Non food grains 1.17%. Among the Food and Non food crops cereals and millets, food grains, oil seeds , Condiments and Spices and Pulses recorded a decrease of 29.58 %,28.72 %, 22.38 %, 11.20 %, and 5.88 % respectively in Index of Agriculture of production during 2015-16 over the previous year. The Index Numbers of production under different crop groups for the year from 2011-12 to 2015-16 are given in table .

INDEX NUMBER OF PRODUCTION UNDER CROPS FROM 2011-12 TO 2015-16

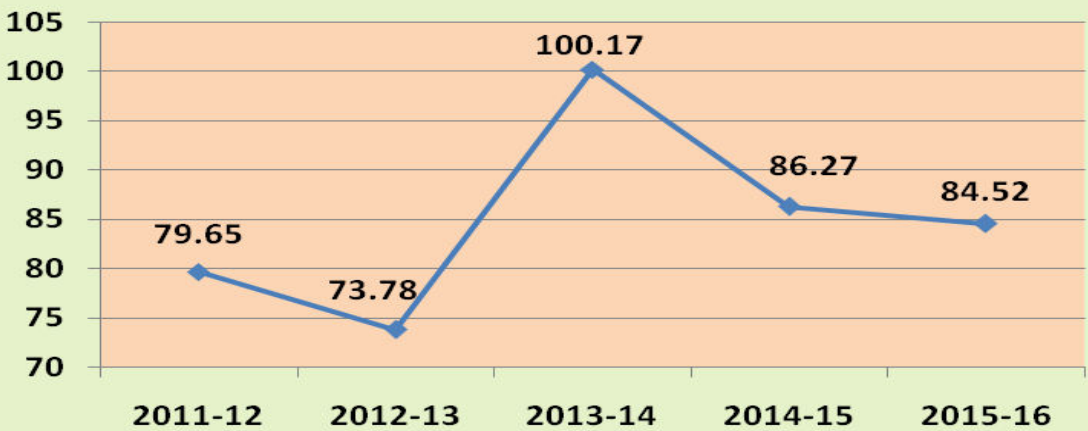
(Base: Triennium ending 2007-08 =100)

Sl no	Crop Group	2011-12	2012-13	2013-14	2014-15	2015-16	% of Deviation in 2014-15 over 2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	CERE.&MILLETS	94.57	101.73	134.16	91.30	64.29	-29.58
2	PULSES	57.47	95.23	90.11	50.98	47.98	-5.88
3	FOODGRAINS	92.21	101.31	131.36	88.73	63.25	-28.72
4	OIL SEEDS	71.36	95.36	108.63	82.38	63.94	-22.38
5	FIBRES	90.91	175.45	326.88	276.64	288.09	4.14
6	CONDIMENTS AND SPICES	93.51	503.49	88.01	81.78	72.62	-11.20
7	FRUITS AND VEGETABLES	94.68	95.65	131.20	53.35	107.94	102.32
8	OTHER CROPS	75.58	70.06	66.21	65.61	47.27	-27.95
9	NON- FOODGRAINS	82.28	117.82	118.66	93.29	94.38	1.17
10	TOTAL CROPS	86.79	110.34	124.43	91.23	80.27	-12.01

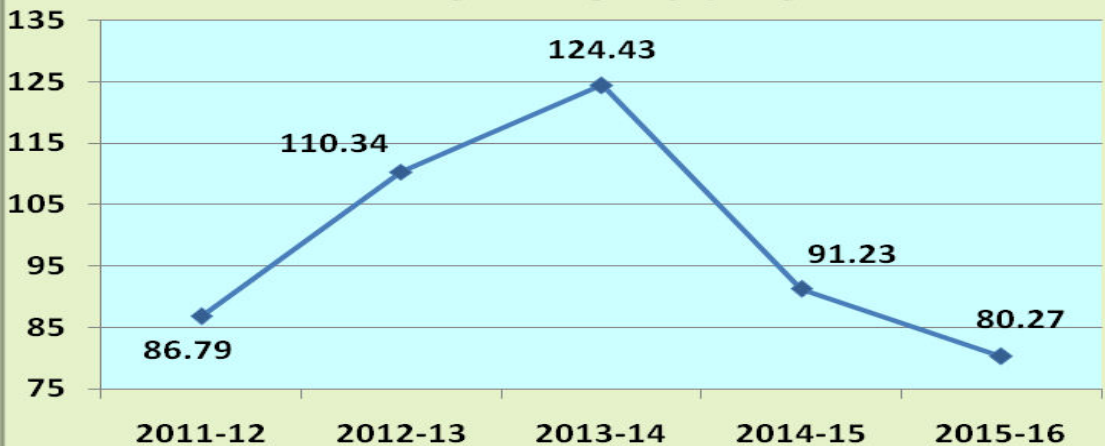
INDEX OF AREA



INDEX OF PRODUCTIVITY



INDEX OF PRODUCTION



Cereals & Millets Sub-Group

The production Index of Cereals and Millets Sub-Groups during the year 2015-16 reported a decrease of 29.58 percent over the previous year. The indices of Rice, Jowar, Bajra and Maize reported a decrease of 32.95, 9.07, 47.35 and 24.13 percent respectively over the previous year whereas the production indices of Wheat recorded an increase of 143.93 percent over the previous year 2014-15.

Pulses Sub-Group

The production index of pulses Sub-Groups recorded a decrease of 5.88 percent over the previous year. Under Sub-Groups of pulses crops production Index of Cowgram, Greengram and Blackgram crops recorded an increase 74.48%, 24.04% and 7.19% over the previous year 2014-15. whereas the production indices of Horsegram, Redgram, Bengalgram and Other Pulses showing a decrease of 16.67, 4.06, 38.05 and 68.74 percent respectively over the previous year 2014-15.

Oil Seeds Sub-Group

The Production Index Number of Oil Seeds Sub-Group decreased by 22.38% over the previous year. The production indices of Groundnut, Sesamum, Safflower, Sunflower, Rape & Mustard, Soyabean, Castor and Linseed showing a decrease of 30.25, 69.77, 16.75, 48.07, 58.98, 3.94, 41.41 and 83.37 percent over previous year 2014-15.

Condiments & Spices Sub-Group

The production Index of Condiments & Spices Crops recorded a decrease of 11.20 percent during the year over the previous year. The increase in production Index of Coriander and Tamarind crops were increased by 2.07 and 135.03 percent respectively during the year over the previous year. Whereas a decrease in production Index of chillies, Turmeric and Ginger by 10.13, 14.79, and 28.05 percent respectively over previous year 2014-15.

Fibers Sub-Group

The Index Number of production of the Fibres Sub-Group is increased by 4.34 percent over the previous year. The production indices of Cotton (Kapas) increased by 4.18 percent.

Fruits & Vegetables Sub-Group

The production Index of Fruits & Vegetables Sub-Group reported an increase of 102.32 percent over the previous year. The production indices of Acid lime, Banana, Papaya, Sweet Potatoes and Onions recorded an increase of 42.32,16.70,116.84,53.95 and 23.82 percent respectively during the current year over the previous year. Whereas the production indices of Mango, Batavia, Guava, Sapota, Potatoes, Bhendi, Brinjal, Tomatoes and Cashew nut crops decreased by 18.99,24.38,32.84,10.30,30.98,43.56,40.81,22.46 and 6.30 percent during the current year over the previous year.

Index of Net Area Sown

The Index of Net Area Sown was 102.06 during 2015-16 as against 107.00 in 2014-15 showing a decrease of 4.62 percent.

Index of Cropping Intensity.

The Index of Cropping Intensity has decreased to 91.61 in 2015-16 from 97.30 in 2014-15, showing a decrease of 5.85 percent over previous year.

Index of Cropping Pattern

The Index of Cropping Pattern during the year 2015-16 is 106.20 as against 95.62 in 2014-15 showing an increase of 11.06 percent over previous year.

Index Number of Productivity per Hectare of Net Area Sown.

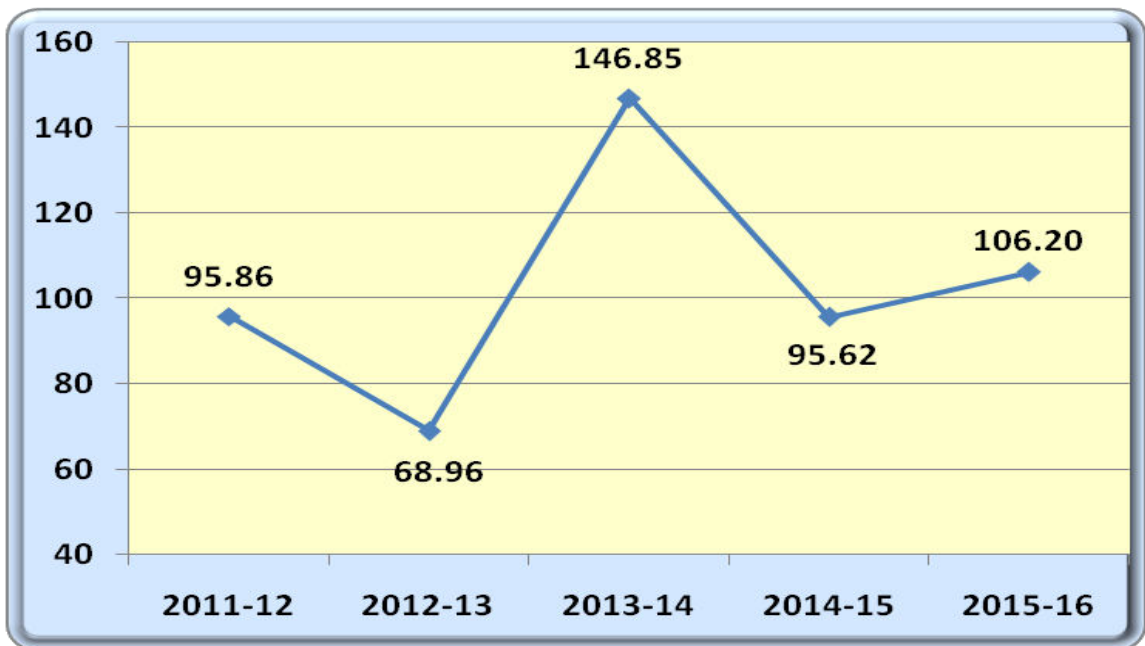
The Index Number of Productivity per Hectare of Net Area Sown during the year 2015-16 decreased to 111.78 from 116.70 in 2014-15, showing a decrease of 4.22 percent over the previous year.

INDEX NUMBER OF NET AREA SOWN, CROPPING INTENSITY, CROPPING PATTERN AND PRODUCTIVITY PER HECTARE OF NET AREA SOWN

(Base: Triennium ending 2007-08 =100)

Sl.No.	Year	Net Area Sown	Cropping Intensity	Cropping Pattern	Productivity per Hectare of Net Area Sown
(1)	(2)	(3)	(4)	(5)	(6)
1	2011-2012	112.45	99.32	95.86	79.51
2	2012-2013	113.78	97.95	68.96	96.44
3	2013-2014	120.36	97.86	146.85	129.97
4	2014-2015	107.00	97.30	95.62	116.70
5	2015-2016	102.06	91.61	106.20	111.78

Index Numbers of Cropping Pattern from 2011-12 to 2015-16



Index Numbers of Productivity per Hectare of Net Area Sown during from 2011-12 to 2015-16

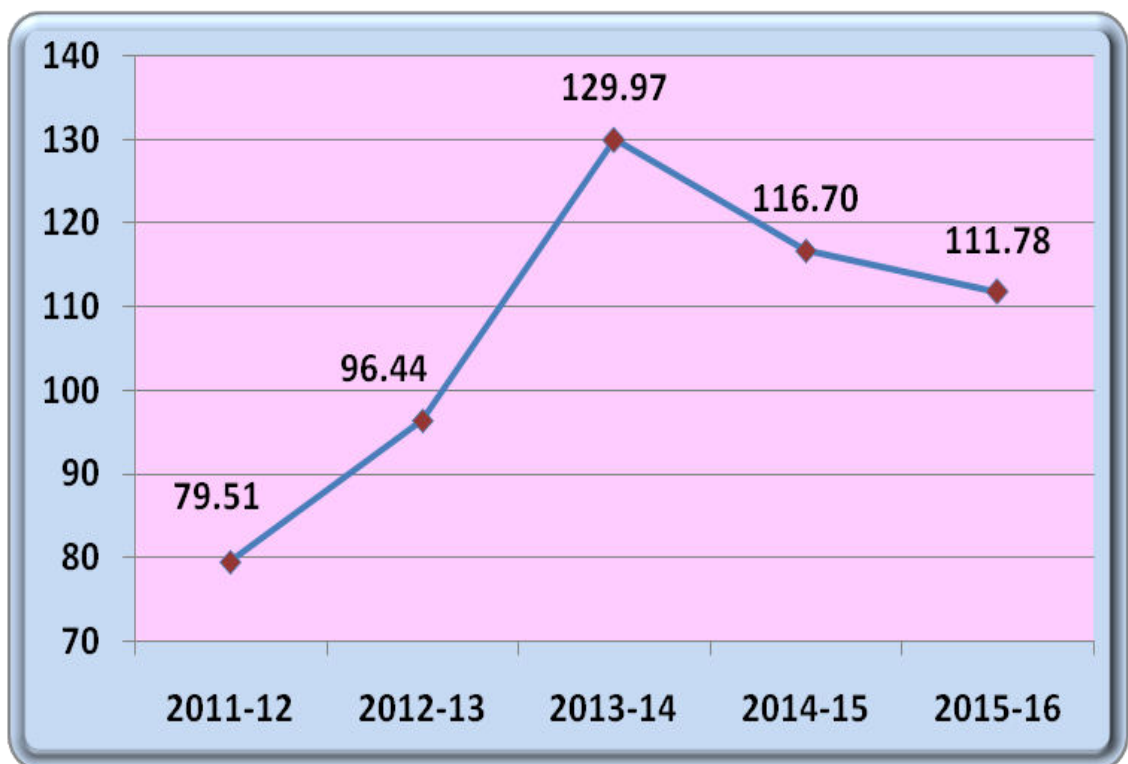


TABLE - 7.5 (i)
INDEX NUMBERS OF AREA UNDER CROPS IN TELANGANA

(Base: Triennium ending 2007-08 =100)

Sl. No	CROP GROUP	2011-12	2012-13	2013-14	2014-15	2015-16	% of Deviation in 2015-16 over 2014-15
1	2	3	4	5	6	7	8
1	RICE	120.48	97.68	137.35	97.47	72.05	-26.08
2	WHEAT	89.90	89.78	79.67	65.96	56.05	-15.02
3	JOWAR	46.68	44.60	38.95	28.71	27.75	-3.34
4	BAJRA	48.27	41.79	56.25	47.74	25.11	-47.40
5	MAIZE	96.72	108.43	122.71	113.10	93.69	-17.16
6	RAGI	32.60	33.20	25.46	22.67	13.66	-39.74
7	SMALL MILLETS	24.33	94.01	107.82	16.38	160.15	877.72
8	TOTAL CERE.&MILLETS	104.73	93.54	120.86	92.69	71.83	-22.51
9	HORSEGRAM	31.41	39.18	27.88	21.92	19.39	-11.54
10	GREENGRAM	63.65	64.43	53.16	37.61	47.56	26.46
11	BLACKGRAM	87.14	70.21	51.79	34.91	39.97	14.49
12	REDGRAM	116.37	107.43	102.45	85.99	97.00	12.80
13	BENGALGRAM	86.98	114.75	116.26	60.82	71.59	17.71
14	COWGRAM	88.72	83.57	77.08	73.25	58.91	-19.58
15	OTHER PULSES	30.19	31.25	29.59	7.60	4.95	-34.87
16	TOTAL PULSES	88.92	87.84	80.01	58.72	67.86	15.57
17	(A) TOTAL FOODGRAINS (a+b)	101.15	92.25	111.62	85.00	70.93	-16.55
18	GROUNDNUTS	87.77	95.86	107.58	79.29	65.46	-17.44
19	SEASMUM(GINGELLY)	40.37	46.42	45.13	48.93	28.52	-41.71
20	SAFFLOWER	65.46	65.51	52.27	27.61	25.61	-7.24
21	SUNFLOWER	28.84	33.27	23.27	21.79	13.70	-37.13
22	COCONUT (1000 NUTS)	70.23	47.76	46.67	47.87	36.97	-22.77
23	RAPE AND MUSTARD	164.71	327.45	826.47	2209.80	1338.24	-39.44
24	SOYABEAN	136.03	167.34	257.09	257.29	257.88	0.23
25	CASTOR	42.44	45.63	37.02	23.52	22.25	-5.40
26	LINSEED	15.54	8.32	9.29	1.83	0.28	-84.70
27	TOTAL OIL SEEDS	67.90	76.83	88.76	75.67	68.48	-9.50
28	COTTON (LINT)	205.64	235.83	221.54	220.23	230.68	4.75
29	TOTAL FIBRES	205.59	235.78	221.49	220.19	230.62	4.74

TABLE - 7.5 (i)
INDEX NUMBERS OF AREA UNDER CROPS IN TELANGANA

(Base: Triennium ending 2007-08 =100)

Sl. No	CROP GROUP	2011-12	2012-13	2013-14	2014-15	2015-16	% of Deviation in 2015-16 over 2014-15
1	2	3	4	5	6	7	8
30	BETEL LEAVES (1000 NOS)	88.00	60.00	56.00	40.00	76.00	90.00
31	TOTAL PLANTATION	88.00	60.00	56.00	40.00	76.00	90.00
32	CHILLIES	101.22	93.36	84.69	82.74	92.14	11.36
33	CORIANDER	32.91	21.10	23.16	26.84	16.96	-36.81
34	TURMERIC	106.49	96.00	95.89	83.99	82.17	-2.17
35	TAMARIND	283.73	227.12	208.47	147.46	81.02	-45.06
36	GINGER	121.47	122.96	131.58	162.41	135.81	-16.38
37	TOTAL CONDIMENTS AND SPICES	100.12	1484.97	86.17	81.18	85.37	5.16
38	MANGO	92.91	94.23	105.25	108.96	111.08	1.95
39	BATAVIA	114.35	101.26	111.65	92.59	84.68	-8.54
40	ACID LIME	84.15	83.61	101.11	105.66	109.93	4.04
41	BANANA(PLANTATION	129.50	154.99	110.85	124.33	127.90	2.87
42	GUAVA	70.66	71.57	61.99	52.23	52.78	1.05
43	PAPAYA	88.94	64.01	77.29	127.14	119.47	-6.03
44	SAPOTA	254.47	263.41	250.00	250.81	265.85	6.00
45	POTATOES	222.69	165.32	162.59	141.02	102.78	-27.12
46	SWEET POTATOES	49.69	55.97	68.55	64.78	54.72	-15.53
47	ONIONS	141.17	115.40	124.60	117.36	132.64	13.02
48	BHENDI	113.30	131.92	117.23	131.67	128.94	-2.07
49	BRINJAL	115.89	114.48	118.35	133.24	116.79	-12.35
50	TOMATOES	114.61	112.59	114.80	113.17	101.31	-10.48
51	CASHEWNUT	104.78	82.30	67.90	65.56	48.68	-25.75
52	TOTAL FRUITS AND VEGETABLES	106.03	102.10	108.63	107.66	104.87	-2.59
53	SUGARCANE FOR HARVEST	81.32	73.14	70.33	68.24	62.44	-8.50
54	TOTAL TOBACCO	4.28	2.18	2.89	2.91	2.76	-5.15
55	TOTAL OTHER CROPS	22.11	18.46	18.43	17.96	16.53	-7.96
56	(B) NON-FOODGRAINS	120.91	236.99	132.55	127.26	128.77	1.19
57	ALL CROPS (A+B)	108.97	149.55	124.22	105.75	94.97	-10.19

TABLE - 7.5 (i)
INDEX NUMBERS OF PRODUCTIVITY UNDER CROPS IN TELANGANA

(Base: Triennium ending 2007-08 =100)

Sl. No	CROP GROUP	2011-12	2012-13	2013-14	2014-15	2015-16	% of Deviation in 2015-16 over 2014-15
1	2	3	4	5	6	7	8
1	RICE	64.11	71.40	71.90	69.97	63.47	-9.29
2	WHEAT	155.75	131.50	72.72	139.40	400.16	187.06
3	JOWAR	114.48	111.57	103.62	107.49	101.12	-5.93
4	BAJRA	96.52	190.14	145.24	144.43	144.56	0.09
5	MAIZE	68.10	94.49	99.60	71.03	65.05	-8.42
6	RAGI	95.74	102.05	110.45	86.02	41.95	-51.23
7	SMALL MILLETS	115.04	160.00	131.78	110.87	142.74	28.75
8	TOTAL CERE.&MILLETS	90.30	108.76	111.00	98.50	89.50	-9.14
9	HORSEGRAM	38.40	159.49	150.50	123.68	116.50	-5.81
10	GREENGRAM	103.03	137.20	128.59	95.88	95.56	-0.33
11	BLACKGRAM	98.21	150.25	140.14	95.96	89.84	-6.38
12	REDGRAM	46.93	85.64	81.83	76.51	65.07	-14.95
13	BENGALGRAM	50.79	87.57	102.63	81.93	43.12	-47.37
14	COWGRAM	138.40	158.48	142.76	189.01	410.07	116.96
15	OTHER PULSES	129.38	148.93	126.36	120.79	57.98	-52.00
16	TOTAL PULSES	64.63	108.41	112.62	86.82	70.70	-18.57
17	(A) TOTAL FOODGRAINS	91.16	109.82	117.69	104.39	89.17	-14.58
18	GROUNDNUTS	86.28	100.95	95.39	107.60	90.91	-15.51
19	SEASMUM(GINGELLY)	194.35	225.85	210.06	228.84	118.69	-48.13
20	SAFFLOWER	95.68	212.72	90.97	95.80	85.98	-10.25
21	SUNFLOWER	71.46	81.54	68.54	100.92	83.36	-17.4
22	COCONUT (1000 NUTS)	145.56	166.83	162.03	210.38	0.00	0.00
23	RAPE AND MUSTARD	180.04	64.72	54.50	125.39	87.00	-30.62
24	SOYABEAN	88.19	99.22	87.88	59.02	56.57	-4.15
25	CASTOR	76.93	105.37	139.44	113.86	70.52	-38.06
26	LINSEED	257.40	580.41	588.05	479.78	521.43	8.68
27	TOTAL OIL SEEDS	105.10	124.12	122.39	108.87	93.37	-14.24
28	COTTON (LINT)	44.20	67.49	147.52	125.58	124.90	-0.54
29	TOTAL FIBRES	44.22	74.41	147.58	125.64	124.92	-0.57

TABLE - 7.5 (i)
INDEX NUMBERS OF PRODUCTIVITY UNDER CROPS IN TELANGANA

(Base: Triennium ending 2007-08 =100)

Sl. No	CROP GROUP	2011-12	2012-13	2013-14	2014-15	2015-16	% of Deviation in 2015-16 over 2014-15
1	2	3	4	5	6	7	8
30	BETEL LEAVES (1000	162.22	190.95	231.68	140.12	0.00	0.00
31	TOTAL PLANTATION	162.22	190.95	231.68	140.12	0.00	0.00
32	CHILLIES	89.20	123.92	118.29	118.07	95.28	-19.3
33	CORIANDER	124.89	155.73	155.22	52.31	84.49	61.52
34	TURMERIC	87.01	91.76	80.61	78.96	68.77	-12.91
35	TAMARIND	87.08	91.04	73.94	148.89	636.92	327.78
36	GINGER	143.10	117.29	88.19	92.84	79.88	-13.96
37	TOTAL CONDIMENTS AND SPICES	93.40	33.91	102.14	100.74	85.07	-15.55
38	MANGO	70.85	87.82	113.20	96.19	76.44	-20.53
39	BATAVIA	55.74	44.16	80.60	90.59	74.91	-17.31
40	ACID LIME	94.38	134.36	163.49	118.24	161.74	36.79
41	BANANA(PLANTATION FOR HARVEST)	119.22	110.04	99.90	135.27	153.46	13.45
42	GUAVA	110.57	152.97	154.67	175.57	116.69	-33.54
43	PAPAYA	404.04	648.35	582.60	152.97	352.98	130.75
44	SAPOTA	79.09	124.76	99.06	113.58	96.12	-15.37
45	POTATOES	50.03	98.17	72.79	73.00	69.14	-5.29
46	SWEET POTATOES	86.38	70.66	49.95	56.92	103.73	82.24
47	ONIONS	97.73	130.94	128.07	98.47	107.89	9.57
48	BHENDI	141.47	143.51	248.14	350.21	201.85	-42.36
49	BRINJAL	98.40	86.76	110.94	172.15	116.24	-32.48
50	TOMATOES	180.27	172.64	231.46	271.96	235.56	-13.38
51	CASHEWNUT	77.20	80.38	63.65	55.70	70.30	26.21
52	TOTAL FRUITS AND	89.30	93.68	120.78	49.55	102.93	107.73
53	SUGARCANE FOR HAR-	92.63	95.75	94.06	95.98	75.45	-21.39
54	TOTAL TOBACCO	3574.53	3589.45	2846.02	3318.21	3319.57	0.04
55	TOTAL OTHER CROPS	341.84	379.52	359.25	365.31	285.96	-21.72
56	(B) NON-FOODGRAINS	68.05	49.72	89.52	73.31	73.29	-0.03
57	ALL CROPS (A+B)	79.65	73.78	100.17	86.27	84.52	-2.03

TABLE - 7.5 (i)
INDEX NUMBERS OF PRODUCTION UNDER CROPS IN TELANGANA

(Base: Triennium ending 2007-08 =100)

Sl. No	CROP GROUP	2011-12	2012-13	2013-14	2014-15	2015-16	%of Deviation in 2015-16 over 2014-15
1	2	3	4	5	6	7	8
1	RICE	77.24	69.74	98.75	68.20	45.73	-32.95
2	WHEAT	140.02	118.06	57.94	91.95	224.29	143.93
3	JOWAR	53.44	49.76	40.36	30.86	28.06	-9.07
4	BAJRA	46.59	79.46	81.70	68.95	36.30	-47.35
5	MAIZE	65.87	102.46	122.22	80.34	60.95	-24.13
6	RAGI	31.21	33.88	28.12	19.50	5.73	-70.62
7	SMALL MILLETS	27.99	150.42	142.09	18.16	228.60	1158.81
8	TOTAL CERE.&MILLETS	94.57	101.73	134.16	91.30	64.29	-29.58
9	HORSEGRAM	12.06	62.49	41.96	27.11	22.59	-16.67
10	GREENGRAM	65.58	88.40	68.36	36.06	45.45	26.04
11	BLACKGRAM	85.58	105.49	72.58	33.50	35.91	7.19
12	REDGRAM	54.61	92.00	83.83	65.79	63.12	-4.06
13	BENGALGRAM	44.18	100.49	119.32	49.83	30.87	-38.05
14	COWGRAM	122.79	132.44	110.04	138.45	241.57	74.48
15	OTHER PULSES	39.06	46.54	37.39	9.18	2.87	-68.74
16	TOTAL PULSES	57.47	95.23	90.11	50.98	47.98	-5.88
17	(A) TOTAL FOODGRAINS (a+b)	92.21	101.31	131.36	88.73	63.25	-28.72
18	GROUNDNUTS	75.73	96.77	102.62	85.32	59.51	-30.25
19	SEASMUM(GINGELLY)	78.46	104.84	94.80	111.97	33.85	-69.77
20	SAFFLOWER	62.63	139.35	47.55	26.45	22.02	-16.75
21	SUNFLOWER	20.61	27.13	15.95	21.99	11.42	-48.07
22	COCONUT (1000 NUTS)	102.23	79.68	75.62	100.71	0.00	-100.00
23	RAPE AND MUSTARD	296.55	211.91	450.39	2770.89	1164.33	-57.98
24	SOYABEAN	119.96	166.04	225.93	151.85	145.87	-3.94
25	CASTOR	32.65	48.08	51.62	26.78	15.69	-41.41
26	LINSEED	40.00	48.29	54.63	8.78	1.46	-83.37
27	TOTAL OIL SEEDS	71.36	95.36	108.63	82.38	63.94	-22.38
28	COTTON (LINT)	90.89	159.17	326.82	276.56	288.12	4.18
29	TOTAL FIBRES	90.91	175.45	326.88	276.64	288.09	4.14

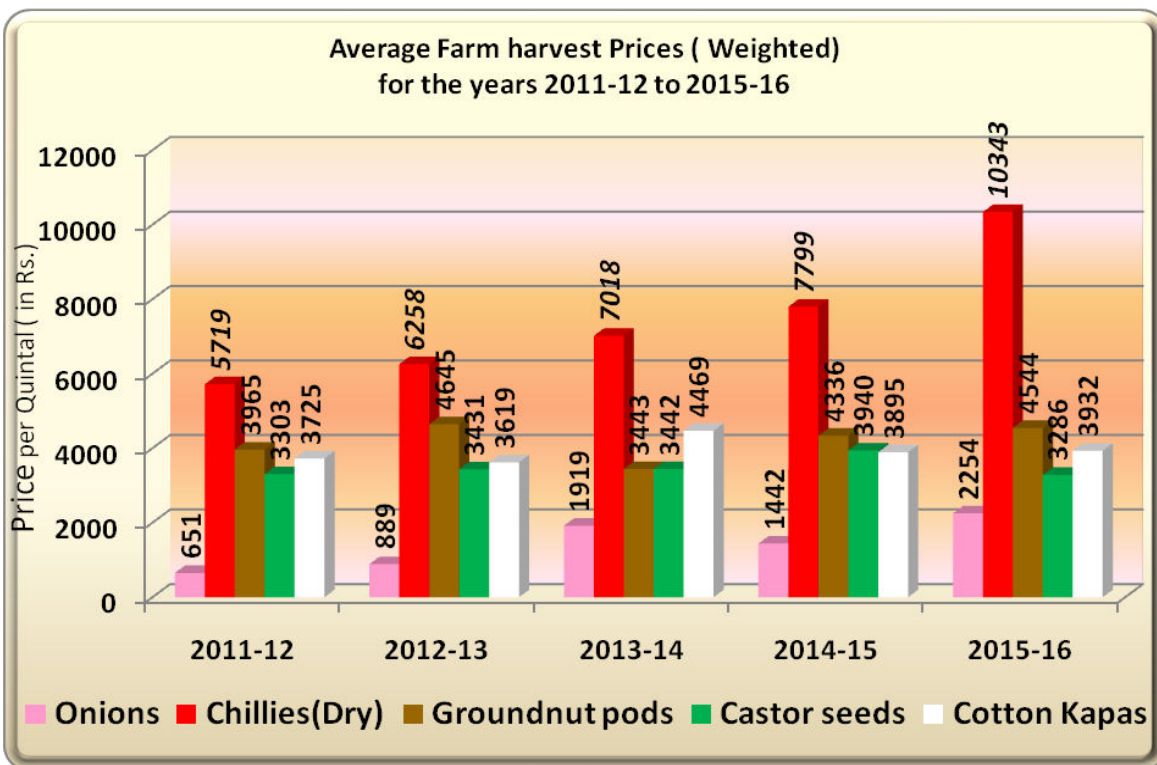
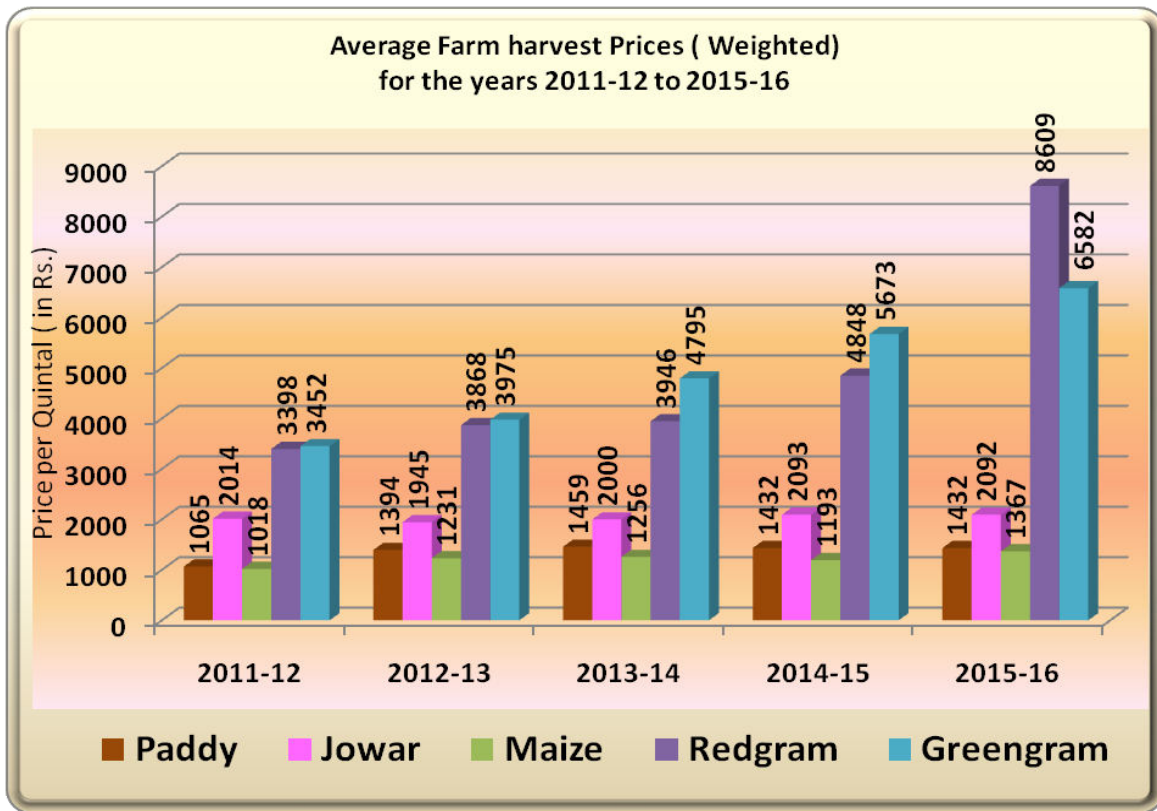
TABLE - 7.5 (i)
INDEX NUMBERS OF PRODUCTION UNDER CROPS IN TELANGANA

(Base: Triennium ending 2007-08 =100)

Sl. NO.	CROP GROUP	2011-12	2012-13	2013-14	2014-15	2015-16	% of Deviation in 2015-16 over 2014-15
1	2	3	4	5	6	7	8
30	BETEL LEAVES (1000 NOS)	142.75	114.57	129.74	56.05	0.00	-100.00
31	TOTAL PLANTATION CROPS	142.75	114.57	129.74	56.05	0.00	-100.00
32	CHILLIES	90.29	115.69	100.18	97.69	87.79	-10.13
33	CORIANDER	41.10	32.86	35.95	14.04	14.33	2.07
34	TURMERIC	92.66	88.09	77.30	66.32	56.51	-14.79
35	TAMARIND	247.08	206.76	154.14	219.56	516.03	135.03
36	GINGER	173.82	144.22	116.04	150.78	108.49	-28.05
37	TOTAL CONDIMENTS AND SPICES	93.51	503.49	88.01	81.78	72.62	-11.20
38	MANGO	65.83	82.75	119.14	104.81	84.91	-18.99
39	BATAVIA	63.74	44.72	89.99	83.88	63.43	-24.38
40	ACID LIME	79.42	112.34	165.30	124.93	177.80	42.32
41	BANANA(PLANTATION FOR HARVEST)	154.39	170.55	110.74	168.18	196.27	16.70
42	GUAVA	78.13	109.48	95.88	91.70	61.59	-32.84
43	PAPAYA	359.35	415.01	450.29	194.48	421.71	116.84
44	SAPOTA	201.26	328.62	247.65	284.87	255.53	-10.30
45	POTATOES	111.41	162.30	118.35	102.95	71.06	-30.98
46	SWEET POTATOES	42.92	39.55	34.24	36.87	56.76	53.95
47	ONIONS	137.97	151.10	159.58	115.57	143.10	23.82
48	BHENDI	160.28	189.32	290.89	461.12	260.26	-43.56
49	BRINJAL	114.04	99.32	131.30	229.37	135.76	-40.81
50	TOMATOES	206.61	194.38	265.72	307.78	238.65	-22.46
51	CASHEWNUT	80.89	66.15	43.22	36.52	34.22	-6.30
52	TOTAL FRUITS AND VEGETABLES	94.68	95.65	131.20	53.35	107.94	102.32
53	SUGARCANE FOR HARVEST (CANE AS	75.33	70.03	66.15	65.50	47.11	-28.08
54	TOTAL TOBACCO	152.99	78.25	82.25	96.56	91.62	-5.12
55	TOTAL OTHER CROPS	75.58	70.06	66.21	65.61	47.27	-27.95
56	(B) NON-FOODGRAINS	82.28	117.82	118.66	93.29	94.38	1.17
57	ALL CROPS (A+B)	86.79	110.34	124.43	91.23	80.27	-12.01

10. SEASON-WISE FARM HARVEST PRICES (WEIGHTED AVERAGE) FOR THE SELECTED AGRICULTURAL COMMODITIES 2015-16
(Price in Rs. Per Quintal.)

Sl.No	Name of the crop	Kharif	Rabi	Weighted Average
1	Paddy (1st Sort)	1439.13	1416.43	1431.79
2	Jowar	2057.68	2160.42	2091.60
3	Bajra	1809.90	1432.36	1539.41
4	Maize	1373.44	1354.91	1367.21
5	Ragi	1638.73	1678.00	1643.84
6	Korra	2200.00	-	2200.00
7	Red gram	8615.18	7590.11	8608.53
8	Bengal gram	-	4488.66	4488.66
9	Black gram	8209.68	7616.66	7994.98
10	Green gram	6516.29	6959.78	6582.42
11	Horse gram	6326.00	3327.07	4736.01
12	Cane jaggery	3164.30	-	3164.30
13	Onions	2100.45	2328.94	2253.71
14	Turmeric	7913.58	-	7913.58
15	Chillies (dry)	9822.50	12428.84	10342.91
16	Coriander	7000.00	-	7000.00
17	Groundnut pods	4370.02	4564.40	4544.11
18	Gingelly seed	7300.11	6695.00	6710.76
19	Safflower	2906.00	2906.00	2906.01
20	Castor seed	3285.61	-	3285.61
21	Mesta	-	-	-
22	Cotton kapas	3936.10	3861.00	3931.81
23	Tobacco	14275.00	14275.00	14275.00



11. AGRICULTURE GROSS VALUE OUTPUT(GVO) OF TELANGANA STATE AT CURRENT AND CONSTANT(2011-12) PRICES FOR THE YEAR 2014-15(FRE)

Crops Sector :

This sector comprises of Agriculture and Horticulture crops. The Contribution of this Sector to the Gross State Value Added (GVA) is around 7 percent. In Crops sector Horticulture crops contribution is around 40 percent. Production approach is followed to estimate the GVA of Crops sector.

Sl.No	Items	Gross Value of Output (Rs.Lakhs)	
		Current Prices	Constant Prices
		2014-15	2011-12
1	2	3	4
1	CEREALS		
1	Paddy (with-out Procurement)	367459	273247
	Paddy (Procurement)	608004	459192
2	Wheat	932	777
3	Jowar	17428	16770
4	Bajra	1305	1651
5	Maize	275258	235029
6	Ragi	248	189
7	Samai	0	0
8	Korra	18	10
9	Other Small millets (Production * WAP) (varagu, arukulu,vooda)	0	0
	Sub-Total	1270653	986865
2	PULSES		
1	Horsegram	302	151
2	Greengram(moong)	25444	15482
3	Blackgram(Urad)	7929	5472
4	Redgram(Arhar)	52982	37133
5	Bengalgram(Gram)	25907	25113
6	Cowgram	3189	2885
7	Rajma beans	24	24
8	Anumulu	68	49
9	Red Pulses(Masoor)	6	3
10	Other Pulses(Productopn*WAP)	0	0
	Sub-Total	115851	86311
3	CONDIMENTS & SPICES		
1	Arecanuts	0	0
2	Chillies dry	197523	144827
3	Coriander	381	242
4	Turmeric	143422	81090

**AGRICULTURE GVO OF TELANGANA STATE AT CURRENT AND CONSTANT
(2011-12) PRICES FOR THE YEAR 2014-15(FRE)**

Sl.No	Items	Gross Value of Output (Rs.Lakhs)	
		Current Prices	Constant Prices
		2014-15	2011-12
1	2	3	4
5	Peppar	0	0
6	Tamariand	2260	1657
7	Garlic	743	462
8	Ginger	9520	4623
9	Ajwan (vama)	411	341
10	Curry leaf	309	182
11	Coriander Leaf (Kothimeera)	271	188
12	Other condiments & spices (Area * VPH 2&8)	0	0
	Sub-Total	354841	233612
4	SUGARS		
1	Sugarcane as such (As per WS)	93144	66845
2	Gur (WS -2)	1835	1405
	Sub-Total	94979	68250
5	FRUITS		
1	Mango	599694	252245
2	Betavia (Mosambi) & Orange	198862	182296
3	Lemon & Other Citrus fruits	67632	79188
4	Amla (Usiri)	107	89
5	Ber (Regu)	0	0
6	Plantains Banana *(Harvest)	21245	11650
7	Grapes	5510	5630
8	Guava	13878	5739
9	Papaya	22677	10549
10	Sapota	2614	2238
11	Pomegranate	13650	14590
12	Anjura	2	2
13	Gangiregikaya	1	1
14	Custred apple	4001	2897
15	Muskmelon (Karbuja)	2198	1473

**AGRICULTURE GVO OF TELANGANA STATE AT CURRENT AND CONSTANT
(2011-12) PRICES FOR THE YEAR 2014-15(FRE)**

Sl.No	Items	Gross Value of Output (Rs.Lakhs)	
		Current Prices	Constant Prices
		2014-15	2011-12
1	2	3	4
16	Black Berry	0	0
17	Watermelon	2404	1980
18	Cashewnut (Munthamamidi)	9868	9715
19	Other Fruits (Production*WAP)	11029	7413
	Sub-Total	975373	587694
6	VEGETABLES		
1	Potatoes	3876	3103
2	Carrot	4461	4034
3	Radish	0	0
4	Beetroot	139	132
5	Topioca (Karrapendalam)	0	0
6	<i>Chamagadda</i>	78	62
7	Sweet Potato	60	63
8	Onions	45398	20490
9	Cucumber	6209	4402
10	Karaila (Bitterguard)	8249	7209
11	Bhendi	95670	47469
12	Snake guard	49	28
13	Beans	12049	8723
14	Green Plantain	0	0
15	<i>Anapa</i>	38	36
16	<i>Gokara</i>	1512	863
17	Brinjal	28677	14387
18	Greens Leafy Vegetables	4028	4314
19	Cabbage + Knol-Khol	5675	4918
20	Cauliflower	3033	1695
21	Peas	326	262
22	Tomato	142479	136049
23	Bottle Gourd	2662	4595
24	Drum Stick \$	759	752

**AGRICULTURE GVO OF TELANGANA STATE AT CURRENT AND CONSTANT
(2011-12) PRICES FOR THE YEAR 2014-15(FRE)**

Sl.No	Items	Gross Value of Output (Rs.Lakhs)	
		Current Prices	Constant Prices
		2014-15	2011-12
1	2	3	4
25	Parwal Coccinia (Donda)	650	445
26	Ridgegourd (Beera)	5525	4657
27	Green chillies	28923	18073
28	Pumpkin	37	25
29	Ash guard (Gummadi)	0	0
30	Bodakakara	0	0
31	Capsicum	953	848
32	Other Vegetables (Production*WAP)	41245	32619
	Total Vegetables	442759	320254
7	Fibers		
1	Cotton (only kapas)	711847	680669
2	Mesta (Bales of 180 Kg each) Deccan Hemp (Gogunara)	51	29
3	Other Fibres (Area*VPH) (Sunhemp) (Janum)	0	0
	Sub-Total	711897	680698
8	OIL SEEDS		
1	Ground Nut	127999	117046
2	Seasumum	7657	4648
3	Safflower	1214	853
4	Sunflower	10468	6987
5	Coconut "000" nuts	660	494
6	Rape and Mustard	2090	1086
7	Soyabeen	91947	49763
8	Oil Palm	5506	5533
9	Castor	11544	9678
10	Linseed	7	8
11	Nigerseed	2	1
12	Jatropha	0	0
13	Ganuga	3	3
14	Other Oil Seeds (Area*VPH)		
	Total Oil seeds	259097	196100

**AGRICULTURE GVO OF TELANGANA STATE AT CURRENT AND CONSTANT
(2011-12) PRICES FOR THE YEAR 2014-15(FRE)**

Sl.No	Items	Gross Value of Output (Rs.Lakhs)	
		Current Prices	Constant Prices
		2014-15	2011-12
1	2	3	4
9	Drugs & Narcotics		
1	Tobacco(Desi+Verginia)	17580	10644
2	Tobacco Stem (86.63% of Production of Tobacco leave and 50% of Prices)	7615	4610
3	Cocoa (Kova)	71	63
4	Venila	0	0
5	Eucalyptus	0	0
6	Palmyra	327	248
7	Soapnuts	0	0
8	Betel Leaves 1000 no's	0	0
9	Toddy (WS -3)	12868	12016
10	Other Drugs & Narcotics (Area*VPH)	0	0
	Sub-Total	38461	27582
10	Miscellaneous Crops		
1	Mis.Food Crops (Area*VPH)	0	0
2	Mis.Non Food Crops (Area*VPH)	2	2
3	Green manure (Area*VPH)	36	29
4	Grass (Prod * Price) ws -4	77984	63040
5	Fodder Crops (Prod * Price) ws -5	36550	29547
6	Mulberry (Price per Hectare)	75	64
	Sub-Total	114647	92681
11	BY-PRODUCTS (STRWS & STICKS) ws -6	(Area*VPH)	(Area*VPH)
1	Paddy straw (Area)	80788	55952
2	Wheat " (Area)	541	375
3	Jowar " (Area)	4605	3189
4	Bajra " (Area)	732	507
5	Maize " (Area)	19279	13352
6	Ragi straw (Area)	23	16
7	Green gram "(Moong) (Area)	74	59

**AGRICULTURE GVO OF TELANGANA STATE AT CURRENT AND CONSTANT
(2011-12) PRICES FOR THE YEAR 2014-15(FRE)**

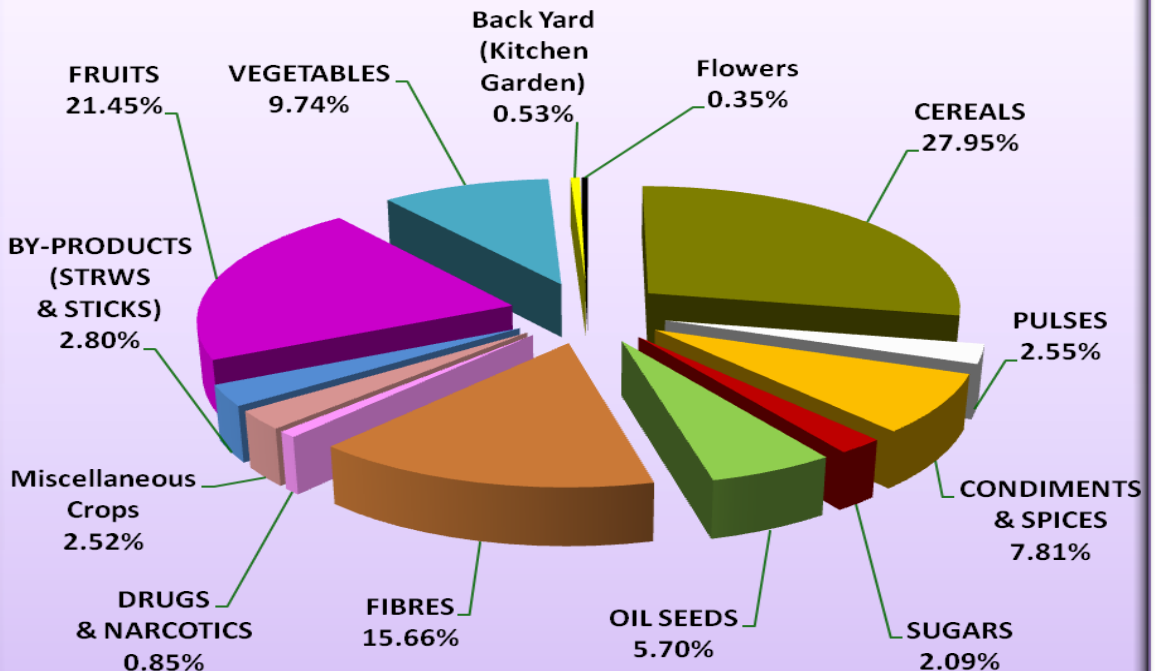
Sl.No	Items	Gross Value of Output (Rs.Lakhs)	
		Current Prices	Constant Prices
		2014-15	2011-12
1	2	3	4
8	Black gram " (Urd) (Area)	78	61
9	Red gram sticks (Area) (Arhar)	8980	8174
10	Bengal gram straw (Gram)(Area)	557	386
11	Red Pulses (Masoor)	1	1
12	Sugarcane trash (Area) AS per SCR	160	140
13	Baggasse (Production) WS -2	20	13
14	Cotton sticks (Area)	436	372
15	Groundnut straw (Area)	6450	4467
16	Sesamum Sticks (Area)	14	12
17	Sunflower (Area)	17	15
18	Rape & Mustered Sticks (Area)	56	49
19	Soyabean (Area)	4482	3103
20	Nizer seed (Area)	0	0
21	Jute stick	0	0
	Sub-Total	127297	90242
12	Back Yard (Kitchen Garden) WS-7	24341	16640
13	Flowers		
1	Gladiolus Galbera (Spikes in lakh Nos.)	0	0
2	Gerbera Lakh Number (Price per lakh flower)	5735	4588
2	Rose (cut flowers in lakh Nos.)	477	656
3	Jasmine	2704	2553
4	Marigold	2555	1658
5	Chrysanthemum(Chamanthi)	1240	1299
6	Crossandra(Kanakambaram)	0	0
7	Other Flowers including Gerbera and Tuberose (Production * WAP)	3286	3556
	Sub-Total	15996	14310
	Agriculture without Horticulture	2726315	2222388
	Horticulture	1819878	1178852
	Total Agriculture	4546193	3401239

SOURCE : SED Section DE&S, Telangana.

AGRICULTURE GROSS VALUE OF OUT-PUT (GVO) 2014-15 (FRE)

SI.NO	GROUP	CURRENT PRICES 2014-15	CONSTANT PRICES 2011-12
1	CEREALS	1270653	986865
2	PULSES	115851	86311
3	CONDIMENTS & SPICES	354841	233612
4	SUGARS	94979	68250
5	OIL SEEDS	259097	196100
6	FIBRES	711897	680698
7	DRUGS & NARCOTICS	38461	27582
8	Miscellaneous Crops	114647	92681
9	BY-PRODUCTS (STRWS & STICKS)	127297	90242
10	FRUITS	975373	587694
11	VEGETABLES	442759	320254
12	Back Yard (Kitchen Garden)	24341	16640
13	Flowers	15996	14310
	TOTAL	4546193	3401239

GROUP WISE COMPOSITION OF AGRICULTURE GVO FOR 2014-15 AT CURRENT PRICES



**FINAL ABSTRACT OF AGRICULTURE GVA AND NVA AT
CURRENT AND CONSTANT (2011-12) PRICES 2014-15 (FRE)**

(Rs. In Lakhs)

Sl. No.	Item	Current Prices (2014-15)	Constant Prices (2011-12)
1	Agriculture	2726315	2222388
2	Horticulture	1819878	1178852
1	Gross value of output	4546193	3401239
	Less :- Inputs		
1	Seed	70941	47403
2	Organic manure	50659	43162
3	Chemical Fertilizers	257389	193646
4	Current Repairs & Maintenance of Fixed assets	15855	13301
5	Feed of Livestock	109517	73188
6	Irrigation charges	5034	1399
7	Market Charges 3.22%	146387	109520
8	Electricity	31963	19344
9	Pesticides & insecticides	13322	11085
10	Diesel oil	73900	51460
	Total inputs	774968	563509
	Gross product	3771225	2837730
	Add:-Operation of Govt. Irrigation System	526955	395049
	GVA (un-adjusted)	4298180	3232779
	Less:- FISIM	142700	130617
	Gross Value Added (adjusted)	4155480.28	3102161.59
	Less:- Consumption of Fixed Capital (CFC)	352385	269888
	Net Value Added	3803096	2832274

**CONTRIBUTION OF CROPS SECTOR AT STATE AND NATIONAL LEVEL
FROM 2011-12 TO 2014-15**

CURRENT PRICES

(Rupees in Crores)

SL. NO.	YEAR	TELANGANA			ALL INDIA		
		TOTAL GSDP	CROPS SECTOR GVA	%AGE CONTRIBUTION	TOTAL GDP	CROPS SECTOR GVA	%AGE CONTRIBUTION
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	2011-12 (SRE)	361701	32368	8.9	8736039	982026	11.2
2	2012-13 (SRE)	404105	40570	10.0	9951344	1090587	11.0
3	2013-14 (SRE)	460172	44273	9.6	11272764	1232116	10.9
4	2014-15 (FRE)	522001	41555	8.0	12488205	1252412	10.0

CONSTANT PRICES (2011-12)

(Rupees in Crores)

SL. NO.	YEAR	TELANGANA			ALL INDIA		
		TOTAL GSDP	CROPS SECTOR GVA	%AGE CONTRIBUTION	TOTAL GDP	CROPS SECTOR GVA	%AGE CONTRIBUTION
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	2011-12 (SRE)	361701	32368	8.9	8736039	982026	11.2
2	2012-13 (SRE)	370432	35550	9.6	9226879	983873	10.7
3	2013-14 (SRE)	394248	36155	9.2	9839434	1025082	10.4
4	2014-15 (FRE)	429001	31022	7.2	10552151	992159	9.4

NOTE: SRE -2nd Revised Estimates, FRE -1st Revised Estimates.

12. CULTIVATORS AND AGRICULTURE WORKERS

Cultivator:

Cultivator is a person who is engaged as employer or worker in cultivation of certain crops on land owned by him or held by him for payment in money, kind or share. Cultivators include supervision or directions of cultivation. Total number of cultivators are 31.51 lakhs as per 2011 Census.

Agricultural labourer:

Agricultural labourer is a person working in another persons land for wages in cash or kind. He has no risk of cultivation. Total number of agricultural labourers as per Census 2011 in the State are 59.15 lakhs.

YEAR	TOTAL POPULATION (IN LAKHS)	GROWTH RATE	RURAL POPULATION (IN LAKHS)	CULTIVATORS (In Lakhs)	AGRICULTURAL LABOURS (In Lakhs)	TOTAL (5+6) (Cultivators and Agricultural Labours)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1951	107.52	NA	85.02	38.42	16.44	54.86
1961	127.12	18.23	102.63	28.50	17.19	45.69
1971	158.18	24.43	124.97	23.69	22.03	45.72
1981	201.81	27.58	150.82	30.86	28.33	59.19
1991	260.89	29.28	182.15	34.36	40.02	74.38
2001	309.87	18.77	211.34	33.30	32.10	65.40
2011 *	350.04	13.58	213.95	31.51	59.15	90.66

Source : Census of India - 2011

* indicates the data of 2011 Population Census

- Source:- DE&S Statistical Year Book 2015
- NA– Not Available

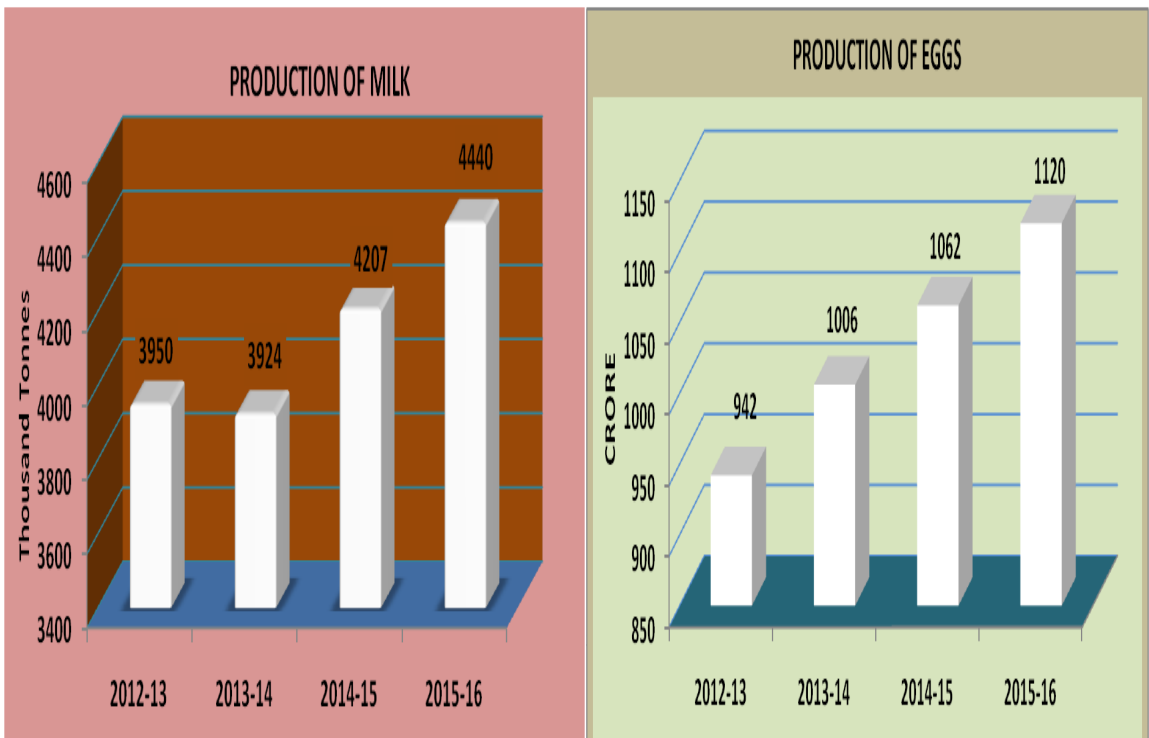
13. LIVE STOCK AND FISHERIES

Rearing of Live Stock play an important role in the Economy, especially in the rural areas. Apart from agriculture many rural youth are eking their livelihood in dairy, rearing sheep, goat and pig etc. The prosperity of Agriculture obviously depends upon the Livestock population it has. They are not only helping the farmer in agricultural operations and also helping more in conserving soil health and paving path for healthy crops and conservation of moisture.

Animal Husbandry sector consists of bovine, ovine, pig and poultry population. Bovine population is further classified into cattle and buffaloes and ovine population into sheep and goat. Telangana is well off with livestock resources, especially Sheep population accounting to 19.80% of total Country's sheep population. The State stands 2nd in Sheep population, 13th in Goat population, in the country as per the Livestock Census, 2012.

Production of Milk, Meat and Eggs:

The State had produced 4440 thousand tonnes of Milk, 1120 crore eggs during 2015-16.



LIVESTOCK POPULATION

(In Million Numbers)

Sl. No.	SPECIES	1987	1993	1999	2003	2007	2012
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	CATTLE	6.71	6.00	5.51	4.87	5.75	5.03
2	ADULT FEMALE CATTLE	1.83	1.56	1.38	1.36	1.53	2.02
3	BUFFALOES	2.88	3.23	3.36	3.76	5.04	4.19
4	ADULT FEMALE BUFFALOE	1.38	1.62	1.70	2.01	2.61	2.79
5	TOTAL BOVINES	9.59	9.23	8.86	8.63	10.79	9.23
6	SHEEP	2.98	3.63	4.67	11.44	13.36	12.87
7	GOATS	2.02	2.16	2.54	3.24	4.80	4.68
8	HORSES & PONIES	0.27	0.25	0.34	0.30	0.23	0.25
9	CAMELS	0.00	0.00	0.00	0.00	0.01	0.01
10	PIGS	0.01	0.01	0.01	0.01	0.01	0.00
11	DONKEYS	0.00	0.00	0.00	0.00	0.00	0.00
12	TOTAL LIVESTOCK	14.88	15.29	16.42	23.61	29.21	27.04
13	DOGS	0.40	0.35	0.63	0.54	0.48	0.35
14	RABBITS (MULES)	0.00	0.00	0.00	0.01	0.01	0.02
15	POULTRY	16.72	20.73	25.42	40.55	49.45	69.16

Source : Animal Husbandry Department, Govt., of Telangana.

**PRODUCTION OF MILK, EGGS MEAT AND WOOL
DURING 2001-02 TO 2015-16**

YEAR	MILK (IN MILLION METRIC TONNES)	EGGS (IN BILLION NOS)	MEAT (IN LAKH MTS)	WOOL (IN MILLION KGS)
2001-02	1.88	6.05	1.92	3.02
2002-03	2.23	6.73	2.26	3.05
2003-04	2.23	6.79	2.55	3.29
2004-05	1.90	5.04	2.22	3.12
2005-06	2.33	6.35	1.95	3.12
2006-07	2.43	6.42	2.11	3.59
2007-08	2.73	7.08	2.43	3.74
2008-09	2.93	7.45	2.93	3.83
2009-10	3.19	8.00	3.30	3.91
2010-11	3.47	8.49	3.63	4.10
2011-12	3.69	8.97	3.84	4.18
2012-13	3.95	9.42	4.29	4.26
2013-14	3.92	10.06	4.46	4.27
2014-15	4.21	10.62	5.05	4.42
2015-16	4.44	11.20	5.42	4.56

Source : Animal Husbandry Department, Govt., of Telangana

FISH & SHRIMP PRODUCTION FROM 2000-01 TO 2015-16

(Production in Tonnes)

SL.NO.	YEAR	INLAND FISH	FRESH WATER PRAWN	TOTAL
(1)	(2)	(6)	(7)	(8)
1	2000-01	126358	1481	127839
2	2001-02	137999	702	138701
3	2002-03	90518	486	91004
4	2003-04	84001	1247	85248
5	2004-05	81843	2007	83850
6	2005-06	74813	2193	77006
7	2006-07	90606	2221	92827
8	2007-08	117006	2296	119302
9	2009-10	149049	2242	151290
10	2009-10	133613	2008	135620
11	2010-11	133587	2206	135793
12	2011-12	196708	3774	200482
13	2012-13	214591	5037	219628
14	2013-14	243037	6596	249633
15	2014-15	260010	8352	268362
16	2015-16	228185	8567	236752

Source : Commissioner of Fisheries , Government of Telangana

ANNEXURE – 1

MONTH-WISE AND MONSOON WISE RAINFALL FROM 1990-91 TO 2015-16

SL. NO.	YEAR	JUNE			JULY			AUGUST		
		ACTUAL	NORMAL	% DEV OVER NORMAL	ACTUAL	NORMAL	% DEV OVER NORMAL	ACTUAL	NORMAL	% DEV OVER NORMAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	1990-91	158.1	128.2	23.3	117.1	238.6	-50.9	289.2	219.1	32.0
2	1991-92	162.5	128.2	26.8	189.4	238.6	-20.6	105.9	219.1	-51.7
3	1992-93	104.6	128.2	-18.4	120.3	238.6	-49.6	193.1	219.1	-11.9
4	1993-94	58.7	128.2	-54.2	197.4	238.6	-17.3	108.9	219.1	-50.3
5	1994-95	63.9	128.2	-50.2	179.6	238.6	-24.7	160.7	219.1	-26.7
6	1995-96	94.8	128.2	-26.1	180.1	238.6	-24.5	138.0	219.1	-37.0
7	1996-97	89.2	128.2	-30.4	177.9	238.6	-25.4	237.3	219.1	8.3
8	1997-98	57.1	128.2	-55.5	156.4	238.6	-34.5	113.6	219.1	-48.2
9	1998-99	129.4	128.2	0.9	208.0	238.6	-12.8	234.4	219.1	7.0
10	1999-2K	94.4	128.2	-26.4	176.5	238.6	-26.0	161.6	219.1	-26.2
11	2000-01	217.9	128.2	70.0	180.4	238.6	-24.4	369.7	219.1	68.7
12	2001-02	140.3	128.2	9.4	102.6	238.6	-57.0	204.5	219.1	-6.7
13	2002-03	109.9	128.2	-14.3	74.1	238.6	-68.9	250.0	219.1	14.1
14	2003-04	97.0	128.2	-24.3	246.2	238.6	3.2	230.1	219.1	5.0
15	2004-05	55.7	128.2	-56.6	205.0	238.6	-14.1	103.8	219.1	-52.6
16	2005-06	89.6	128.2	-30.1	326.2	238.6	36.7	118.6	219.1	-45.9
17	2006-07	95.9	128.2	-25.2	125.8	238.6	-47.3	255.5	219.1	16.6
18	2007-08	170.7	128.2	33.2	116.9	238.6	-51.0	192.3	219.1	-12.2
19	2008-09	101.8	128.2	-20.6	161.3	238.6	-32.4	349.5	219.1	59.5
20	2009-10	73.0	128.2	-43.1	93.8	238.6	-60.7	172.5	219.1	-21.3
21	2010-11	97.1	128.2	-24.3	334.5	238.6	40.2	257.8	219.1	17.7
22	2011-12	68.9	128.2	-46.3	249.9	238.6	4.7	206.7	219.1	-5.7
23	2012-13	106.3	128.2	-17.1	237.3	238.6	-0.5	194.4	219.1	-11.3
24	2013-14	165.2	128.2	28.9	345.6	238.6	44.8	184.9	219.1	-15.6
25	2014-15	54.2	127.6	-58.0	138.6	238.0	-42.0	181.1	218.7	-17.0
26	2015-16	220.3	127.6	73.0	80.3	238.0	-66.0	151.2	218.7	-31.0

ANNEXURE – 1

MONTH-WISE AND MONSOON WISE RAINFALL FROM 1990-91 TO 2015-16

SL. NO.	YEAR	SEPTEMBER			SOUTH-WEST MONSOON (JUNE TO SEPTEMBER)			OCTOBER		
		ACTUAL	NORMAL	% DEV OVER NORMAL	ACTUAL	NORMAL	% DEV OVER NORMAL	ACTUAL	NORMAL	% DEV OVER NORMAL
(1)	(2)	(3)	(4)	(5)	(3)	(4)	(5)	(6)	(7)	(8)
1	1990-91	88.6	129.3	-31.5	653.1	715.1	-8.7	131.8	98.5	33.8
2	1991-92	120.4	129.3	-6.9	578.1	715.1	-19.2	22.9	98.5	-76.8
3	1992-93	71.6	129.3	-44.6	489.6	715.1	-31.5	45.2	98.5	-54.1
4	1993-94	115.2	129.3	-10.9	480.3	715.1	-32.8	94.2	98.5	-4.4
5	1994-95	31.9	129.3	-75.3	436.1	715.1	-39.0	142.9	98.5	45.1
6	1995-96	99.7	129.3	-22.9	512.6	715.1	-28.3	235.4	98.5	139.0
7	1996-97	139.2	129.3	7.7	643.5	715.1	-10.0	79.1	98.5	-19.7
8	1997-98	154.1	129.3	19.2	481.3	715.1	-32.7	67.2	98.5	-31.8
9	1998-99	173.2	129.3	34.0	745.1	715.1	4.2	75.2	98.5	-23.7
10	1999-2K	141.8	129.3	9.7	574.3	715.1	-19.7	36.8	98.5	-62.6
11	2000-01	59.1	129.3	-54.3	827.1	715.1	15.7	19.3	98.5	-80.4
12	2001-02	135.0	129.3	4.4	582.3	715.1	-18.6	128.7	98.5	30.7
13	2002-03	54.3	129.3	-58.0	488.3	715.1	-31.7	85.2	98.5	-13.5
14	2003-04	99.4	129.3	-23.1	672.6	715.1	-5.9	95.1	98.5	-3.5
15	2004-05	91.4	129.3	-29.3	455.8	715.1	-36.3	71.1	98.5	-27.8
16	2005-06	273.8	129.3	111.8	808.2	715.1	13.0	163.5	98.5	66.0
17	2006-07	251.6	129.3	94.6	728.9	715.1	1.9	27.6	98.5	-72.0
18	2007-08	254.7	129.3	97.0	734.6	715.1	2.7	47.1	98.5	-52.2
19	2008-09	142.5	129.3	10.2	755.2	715.1	5.6	23.4	98.5	-76.2
20	2009-10	155.6	129.3	20.3	494.9	715.1	-30.8	88.1	98.5	-10.6
21	2010-11	205.1	129.3	58.6	894.4	715.1	25.1	93.8	98.5	-4.8
22	2011-12	75.5	129.3	-41.6	601.1	715.1	-15.9	21.2	98.5	-78.5
23	2012-13	169.2	129.3	30.9	707.2	715.1	-1.1	84.2	98.5	-14.5
24	2013-14	155.8	129.3	20.5	851.5	715.1	19.1	225.4	98.5	128.8
25	2014-15	120.8	129.2	-7.0	494.7	713.5	-30.7	39.6	98.7	-60.0
26	2015-16	159.4	129.2	23.0	611.2	713.5	-14.3	24.5	98.7	-75.0

ANNEXURE – 1

MONTH-WISE AND MONSOON WISE RAINFALL FROM 1990-91 TO 2015-16

SL. NO.	YEAR	NOVEMBER			DECEMBER			NORTH-EAST MONSOON (OCTOBER TO DECEMBER)		
		ACTUAL	NORMAL	% DEV OVER NORMAL	ACTUAL	NORMAL	% DEV OVER NORMAL	ACTUAL	NORMAL	% DEV OVER NORMAL
(1)	(2)	(9)	(10)	(11)	(3)	(4)	(5)	(6)	(7)	(8)
1	1990-91	8.5	25.2	-66.3	0.2	5.5	-96.4	140.5	129.2	8.7
2	1991-92	27.5	25.2	9.1	0.1	5.5	-98.2	50.5	129.2	-60.9
3	1992-93	37.3	25.2	48.0	0.0	5.5	100.0	82.5	129.2	-36.1
4	1993-94	0.2	25.2	-99.2	12.1	5.5	120.0	106.5	129.2	-17.6
5	1994-95	23.3	25.2	-7.5	0.0	5.5	100.0	166.1	129.2	28.6
6	1995-96	4.8	25.2	-81.0	0.0	5.5	100.0	240.3	129.2	86.0
7	1996-97	15.5	25.2	-38.5	0.7	5.5	-87.3	95.4	129.2	-26.2
8	1997-98	37.7	25.2	49.6	21.6	5.5	292.7	126.5	129.2	-2.1
9	1998-99	3.2	25.2	-87.3	0.0	5.5	100.0	78.4	129.2	-39.3
10	1999-2K	0.8	25.2	-96.8	0.0	5.5	100.0	37.6	129.2	-70.9
11	2000-01	0.8	25.2	-96.8	3.0	5.5	-45.5	23.1	129.2	-82.1
12	2001-02	6.2	25.2	-75.4	0.0	5.5	100.0	134.8	129.2	4.3
13	2002-03	0.8	25.2	-96.8	0.0	5.5	100.0	86.0	129.2	-33.4
14	2003-04	0.4	25.2	-98.4	7.5	5.5	36.4	103.0	129.2	-20.3
15	2004-05	5.3	25.2	-79.0	0.0	5.5	100.0	76.4	129.2	-40.9
16	2005-06	3.1	25.2	-87.7	5.6	5.5	1.8	172.3	129.2	33.4
17	2006-07	37.9	25.2	50.4	0.0	5.5	100.0	65.4	129.2	-49.4
18	2007-08	14.5	25.2	-42.5	0.0	5.5	100.0	61.6	129.2	-52.3
19	2008-09	14.9	25.2	-40.9	0.4	5.5	-92.7	38.6	129.2	-70.1
20	2009-10	32.5	25.2	29.0	1.4	5.5	-74.5	122.0	129.2	-5.6
21	2010-11	42.7	25.2	69.4	16.1	5.5	192.7	152.6	129.2	18.1
22	2011-12	2.8	25.2	-88.9	0.0	5.5	100.0	24.0	129.2	-81.4
23	2012-13	57.6	25.2	128.6	0.0	5.5	100.0	141.8	129.2	9.8
24	2013-14	16.3	25.2	-35.3	1.4	5.5	-74.5	243.2	129.2	88.2
25	2014-15	13.2	25.3	-48.0	1.6	5.5	-71.0	54.4	129.5	-58.0
26	2015-16	2.1	25.3	-92.0	0.9	5.5	-84.0	27.5	129.5	-78.8

ANNEXURE – 1

MONTH-WISE AND MONSOON WISE RAINFALL FROM 1990-91 TO 2015-16

SL. NO.	YEAR	JANUARY			FEBRUARY			WINTER PERIOD (JANUARY TO FEBRUARY)		
		ACTUAL	NORMAL	% DEV OVER NORMAL	ACTUAL	NORMAL	% DEV OVER NORMAL	ACTUAL	NORMAL	% DEV OVER NORMAL
(1)	(2)	(6)	(7)	(8)	(9)	(10)	(11)	(9)	(10)	(11)
1	1990-91	6.9	6.9	0.0	0.0	4.6	100.0	6.9	11.5	-40.0
2	1991-92	1.0	6.9	-85.5	0.2	4.6	-95.7	1.2	11.5	-89.6
3	1992-93	0.0	6.9	100.0	0.0	4.6	100.0	0.0	11.5	-100.0
4	1993-94	1.9	6.9	-72.5	5.3	4.6	15.2	7.2	11.5	-37.4
5	1994-95	39.3	6.9	469.6	0.2	4.6	-95.7	39.5	11.5	243.5
6	1995-96	0.0	6.9	100.0	1.3	4.6	-71.7	1.3	11.5	-88.7
7	1996-97	13.4	6.9	94.2	0.1	4.6	-97.8	13.4	11.5	16.5
8	1997-98	0.8	6.9	-88.4	11.5	4.6	150.0	12.3	11.5	7.0
9	1998-99	0.0	6.9	100.0	4.7	4.6	2.2	4.7	11.5	-59.1
10	1999-2K	0.0	6.9	100.0	6.7	4.6	45.7	6.7	11.5	-41.7
11	2000-01	3.3	6.9	-52.2	0.0	4.6	100.0	3.3	11.5	-71.3
12	2001-02	18.3	6.9	165.2	0.7	4.6	-84.8	19.0	11.5	65.2
13	2002-03	0.0	6.9	100.0	2.7	4.6	-41.3	2.7	11.5	-76.5
14	2003-04	22.9	6.9	231.9	6.7	4.6	45.7	29.7	11.5	158.3
15	2004-05	28.2	6.9	308.7	9.2	4.6	100.0	37.4	11.5	225.2
16	2005-06	0.0	6.9	100.0	0.0	4.6	100.0	0.0	11.5	-100.0
17	2006-07	0.0	6.9	100.0	0.6	4.6	-87.0	0.6	11.5	-94.8
18	2007-08	0.1	6.9	-98.6	19.5	4.6	323.9	19.6	11.5	70.4
19	2008-09	0.0	6.9	100.0	0.0	4.6	100.0	0.0	11.5	-100.0
20	2009-10	11.8	6.9	71.0	6.9	4.6	50.0	18.8	11.5	63.5
21	2010-11	0.0	6.9	100.0	10.1	4.6	119.6	10.1	11.5	-12.2
22	2011-12	8.0	6.9	15.9	0.0	4.6	100.0	8.0	11.5	-30.4
23	2012-13	2.8	6.9	-59.4	31.6	4.6	587.0	34.5	11.5	200.0
24	2013-14	0.0	6.9	-100	1.3	4.6	-71.7	1.3	11.5	-88.7
25	2014-15	13.0	7.0	86.0	0.0	4.5	-100.0	13.0	11.5	13.0
26	2015-16	1.2	7.0	-83.0	0.3	4.5	-93.0	1.5	11.5	-87.0

ANNEXURE – 1

MONTH-WISE AND MONSOON WISE RAINFALL FROM 1990-91 TO 2015-16

SL. NO.	YEAR	MARCH			APRIL			MAY		
		ACTUAL	NORMAL	% DEV OVER NORMAL	ACTUAL	NORMAL	% DEV OVER NORMAL	ACTUAL	NORMAL	% DEV OVER NORMAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	1990-91	1.1	8.4	-86.9	11.2	12.5	-10.4	18.8	29.8	-36.9
2	1991-92	0.0	8.4	100.0	2.4	12.5	-80.8	12.5	29.8	-58.1
3	1992-93	7.1	8.4	-15.5	8.7	12.5	-30.4	27.6	29.8	-7.4
4	1993-94	0.0	8.4	100.0	8.0	12.5	-36.0	8.7	29.8	-70.8
5	1994-95	11.0	8.4	31.0	7.9	12.5	-36.8	30.7	29.8	3.0
6	1995-96	0.3	8.4	-96.4	17.3	12.5	38.4	4.2	29.8	-85.9
7	1996-97	12.6	8.4	50.0	31.9	12.5	155.2	7.6	29.8	-74.5
8	1997-98	2.6	8.4	-69.0	7.9	12.5	-36.8	16.1	29.8	-46.0
9	1998-99	0.5	8.4	-94.0	0.5	12.5	-96.0	45.5	29.8	52.7
10	1999-2K	0.2	8.4	-97.6	4.2	12.5	-66.4	29.0	29.8	-2.7
11	2000-01	6.7	8.4	-20.2	25.5	12.5	104.0	5.2	29.8	-82.6
12	2001-02	1.5	8.4	-82.1	3.9	12.5	-68.8	27.3	29.8	-8.4
13	2002-03	16.2	8.4	92.9	7.6	12.5	-39.2	0.1	29.8	-99.7
14	2003-04	3.9	8.4	-53.6	18.2	12.5	45.6	28.4	29.8	-4.7
15	2004-05	12.6	8.4	50.0	15.0	12.5	20.0	16.8	29.8	-43.6
16	2005-06	48.2	8.4	473.8	41.4	12.5	231.2	47.5	29.8	59.4
17	2006-07	0.1	8.4	-98.8	2.5	12.5	-80.0	6.8	29.8	-77.2
18	2007-08	107.4	8.4	1178.6	12.7	12.5	1.6	4.1	29.8	-86.2
19	2008-09	3.1	8.4	-63.1	3.8	12.5	-69.6	20.2	29.8	-32.2
20	2009-10	1.9	8.4	-77.4	7.3	12.5	-41.6	36.8	29.8	23.5
21	2010-11	2.0	8.4	-76.2	27.1	12.5	116.8	14.6	29.8	-51.0
22	2011-12	0.3	8.4	-96.4	16.2	12.5	29.6	11.0	29.8	-63.1
23	2012-13	0.5	8.4	-94.0	22.3	12.5	78.4	10.4	29.8	-65.1
24	2013-14	43.5	8.4	418.0	8.3	12.5	-34.0	64.4	29.8	116.0
25	2014-15	31.7	8.4	277.0	68.2	12.6	441.0	20.1	29.8	-33.0
26	2015-16	11.8	8.4	40.0	5.7	12.6	-55.0	59.4	29.8	-99.0

ANNEXURE – 1

MONTH-WISE AND MONSOON WISE RAINFALL FROM 1990-91 TO 2015-16

SL. NO.	YEAR	HOT WEATHER PERIOD (MARCH TO MAY)			TOTAL FOR THE YEAR (JUNE TO MAY)		
		ACTUAL	NORMAL	% DEV OVER NORMAL	ACTUAL	NORMAL	% DEV OVER NORMAL
(1)	(2)	(12)	(13)	(14)	(15)	(16)	(17)
1	1990-91	31.1	50.8	-38.8	831.6	906.6	-8.3
2	1991-92	14.9	50.8	-70.7	644.7	906.6	-28.9
3	1992-93	43.3	50.8	-14.8	615.4	906.6	-32.1
4	1993-94	16.7	50.8	-67.1	610.7	906.6	-32.6
5	1994-95	49.7	50.8	-2.2	691.4	906.6	-23.7
6	1995-96	21.9	50.8	-56.9	776.1	906.6	-14.4
7	1996-97	52.1	50.8	2.6	804.5	906.6	-11.3
8	1997-98	26.6	50.8	-47.6	646.7	906.6	-28.7
9	1998-99	46.5	50.8	-8.5	874.7	906.6	-3.5
10	1999-2K	33.4	50.8	-34.3	652.0	906.6	-28.1
11	2000-01	37.4	50.8	-26.4	891.0	906.6	-1.7
12	2001-02	32.6	50.8	-35.8	768.8	906.6	-15.2
13	2002-03	23.9	50.8	-53.0	600.9	906.6	-33.7
14	2003-04	50.4	50.8	-0.8	855.8	906.6	-5.6
15	2004-05	44.4	50.8	-12.6	614.0	906.6	-32.3
16	2005-06	137.1	50.8	169.9	1117.6	906.6	23.3
17	2006-07	9.4	50.8	-81.5	804.2	906.6	-11.3
18	2007-08	124.2	50.8	144.5	940.0	906.6	3.7
19	2008-09	27.1	50.8	-46.7	820.9	906.6	-9.5
20	2009-10	46.1	50.8	-9.3	681.7	906.6	-24.8
21	2010-11	43.7	50.8	-14.0	1100.8	906.6	21.4
22	2011-12	27.5	50.8	-45.9	660.6	906.6	-27.1
23	2012-13	33.3	50.8	-34.4	916.8	906.6	1.1
24	2013-14	116.2	50.8	128.7	1212.2	906.6	33.7
25	2014-15	120.0	50.8	136.2	682.1	905.3	-24.7
26	2015-16	76.9	50.8	136.2	717.1	905.3	-20.8

ANNEXURE - 2

CROP-WISE, SEASON-WISE IRRIGATED AND UN-IRRIGATED AREA FOR THE YEAR 2015-16

(Area in Hectares)

SL. NO.	NAME OF THE CROP	KHARIF			RABI			TOTAL			AVERAGE OF PRECEEDING 5 YEARS
		IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN - IRRIGATED	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	RICE	718472	30241	748713	297475	0	297475	1015947	30241	1046188	1711368
2	WHEAT	0	0	0	4830	122	4952	4830	122	4952	7614
3	CEREALS	718472	30241	748713	302305	122	302427	1020777	30363	1051140	1718982
4	JOWAR	2	45159	45161	10257	20940	31197	10259	66099	76358	120687
5	BAJRA	0	1632	1632	4266	2	4268	4266	1634	5900	12942
6	MAIZE	63049	391259	454308	117981	505	118486	181030	391764	572794	641201
7	RAGI	0	742	742	178	0	178	178	742	920	2074
8	TOTAL MAJOR MILLETS	63051	438792	501843	132682	21447	154129	195733	460239	655972	776904
9	SAMAI	0	0	0	0	0	0	0	0	0	15
10	KORRA	0	1246	1246	64	0	64	64	1246	1310	476
11	TOTAL MINOR MILLETS	0	1246	1246	64	0	64	64	1246	1310	491
12	TOTAL MILLETS	63051	440038	503089	132746	21447	154193	195797	461485	657282	777395
13	TOTAL CEREALS & MILLETS	781523	470279	1251802	435051	21569	456620	1216574	491848	1708422	2496377
14	HORSEGRAM	0	510	510	114	1416	1530	114	1926	2040	3619
15	GREENGRAM	40	98593	98633	6185	5651	11836	6225	104244	110469	143803
16	BLACKGRAM	183	23772	23955	5403	2723	8126	5586	26495	32081	54294
17	REDGRAM	1348	246166	247514	726	689	1415	2074	246855	248929	279869
18	BENGALGRAM	0	0	0	9122	60724	69846	9122	60724	69846	95663
19	COWGRAM	114	2053	2167	3647	2374	6021	3761	4427	8188	11672
20	RAJMA BEANS	0	0	0	49	0	49	49	0	49	521
21	ANUMULU	0	100	100	0	5	5	0	105	105	377
22	YERRA PAPPU/ MYSOOR PAPPU	0	0	0	0	46	46	0	46	46	237
23	TOTAL PULSES	1685	371194	372879	25246	73628	98874	26931	444822	471753	590055

**ANNEXURE - 2
CROP-WISE, SEASON-WISE IRRIGATED AND UN-IRRIGATED AREA FOR THE YEAR 2015-16**

(Area in Hectares)

SL. NO.	NAME OF THE CROP	KHARIF			RABI			TOTAL			AVERAGE OF PRECEEDING
		IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN-IRRIGATED	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
24	TOTAL FOOD-GRAINS	783208	841473	1624681	460297	95197	555494	1243505	936670	2180175	3086432
25	CHILLIES	63568	1620	65188	16409	0	16409	79977	1620	81597	79572
26	CORIANDER	11	0	11	826	172	998	837	172	1009	1743
27	TURMERIC	42535	0	42535	0	0	0	42535	0	42535	49697
28	TAMARIND	14	225	239	0	0	0	14	225	239	678
29	GARLIC	0	0	0	285	0	285	285	0	285	361
30	GINGER	1822	0	1822	6	0	6	1828	0	1828	1794
31	AJWAN (VAMU)	0	795	795	31	554	585	31	1349	1380	1671
32	CURRY LEAF	36	93	129	0	0	0	36	93	129	74
33	KOTHIMEERA	142	13	155	180	0	180	322	13	335	357
34	MINT(PUDINA)	2	0	2	0	0	0	2	0	2	0
35	TOTAL CONDIMENTS AND SPICES	108130	2746	110876	17737	726	18463	125867	3472	129339	135947
36	SUGARCANE PLANTED (SOWN)	0	0	0	5704	0	5704	5704	0	5704	15635
37	SUGARCANE PLANTED(FOR HARVEST)	16131	0	16131	0	0	0	16131	0	16131	19600
38	SUGARCANE RATOON (SOWN)	0	0	0	19192	0	19192	19192	0	19192	21714
39	SUGARCANE RATOON(FOR HARVEST)	18764	0	18764	0	0	0	18764	0	18764	21120
40	TOTAL SUGARCANE	34895	0	34895	24896	0	24896	59791	0	59791	78069
41	MANGOES	72308	32156	104464	0	0	0	72308	32156	104464	98288
42	BATAVIA	28292	0	28292	0	0	0	28292	0	28292	39935
43	ACID LIME (NIMMA)	6549	0	6549	0	0	0	6549	0	6549	5801
44	ORANGE AND CITRUS FRUITS	122	0	122	0	0	0	122	0	122	647
45	AMALA(USIRI)	130	4	134	0	0	0	130	4	134	182

ANNEXURE - 2

CROP-WISE, SEASON-WISE IRRIGATED AND UN-IRRIGATED AREA FOR THE YEAR 2015-16

(Area in Hectares)

SL. NO.	NAME OF THE CROP	KHARIF			RABI			TOTAL			AVERAGE OF PRECEEDING 5 YEARS
		IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN-IRRIGATED	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
46	JUJUBIES (REGU)	0	0	0	0	0	0	0	0	0	5
47	PLANTAIN (PLANT)	0	0	0	540	0	540	540	0	540	1056
48	PLANTAINS (FOR HARVEST)	1756	0	1756	0	0	0	1756	0	1756	1846
49	GRAPES	323	0	323	0	0	0	323	0	323	616
50	GUAVA	2122	71	2193	0	0	0	2122	71	2193	2383
51	PAPAYA	622	184	806	4	0	4	626	184	810	599
52	SAPOTA	627	27	654	0	0	0	627	27	654	617
53	POMEGRANATE	560	98	658	0	0	0	560	98	658	487
54	ANJURA	19	0	19	0	0	0	19	0	19	30
55	GANGI REGI KAYA	0	0	0	0	0	0	0	0	0	2
56	CUSTARD APPLE	46	407	453	0	0	0	46	407	453	892
57	MUSK MELON	0	0	0	35	0	35	35	0	35	147
58	WATER MELON	1	0	1	2215	8	2223	2216	8	2224	2513
59	BLACK BERRY	2	0	2	0	0	0	2	0	2	2
60	TOTAL FRESH FRUITS	113479	32947	146426	2794	8	2802	116273	32955	149228	156048
61	CASHEWNUTS	0	3236	3236	0	0	0	0	3236	3236	5449
62	TOTAL DRY FRUITS	0	3236	3236	0	0	0	0	3236	3236	5449
63	TOTAL FRESH AND DRY FRUITS	113479	36183	149662	2794	8	2802	116273	36191	152464	161497
64	POTATOES	0	0	0	2220	0	2220	2220	0	2220	3924
65	CARROT	259	1421	1680	393	0	393	652	1421	2073	2928
66	RADISH	19	0	19	3	0	3	22	0	22	7
67	BEET ROOT	13	193	206	43	0	43	56	193	249	345

ANNEXURE - 2

CROP-WISE, SEASON-WISE IRRIGATED AND UN-IRRIGATED AREA FOR THE YEAR 2015-16

(Area in Hectares)

SL. NO.	NAME OF THE CROP	KHARIF			RABI			TOTAL			AVERAGE OF PRECEED-ING
		IRRIGAT-ED	UN-IRRIGATED	TOTAL	IRRIGAT-ED	UN-IRRIGATED	TOTAL	IRRIGAT-ED	UN - IRRGATED	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
68	YAM	3	0	3	0	0	0	3	0	3	0
69	CHAMAGEDDA	66	0	66	17	0	17	83	0	83	75
70	SWEET POTATOES	0	0	0	87	0	87	87	0	87	92
71	ONIONS	2968	2301	5269	10459	3	10462	13427	2304	15731	14712
72	CUCUMBER	757	57	814	1130	0	1130	1887	57	1944	1782
73	GOURDS KARAILA (BITTER GOURD)	490	0	490	389	0	389	879	0	879	841
74	BHENDI	4947	1431	6378	4249	8	4257	9196	1439	10635	10204
75	SNAKE GUARD	63	0	63	15	0	15	78	0	78	49
76	BEAN	834	162	996	1381	4	1385	2215	166	2381	1732
77	GREEN PLANTAIN	43	0	43	0	0	0	43	0	43	23
78	ANAPA	7	0	7	50	0	50	57	0	57	79
79	GOKARA	422	106	528	284	0	284	706	106	812	906
80	BRINJAL	4333	645	4978	4440	9	4449	8773	654	9427	9708
81	GREEN LEAFY VEGETABLES	2587	0	2587	2239	0	2239	4826	0	4826	5736
82	CABBAGE	889	76	965	538	0	538	1427	76	1503	1631
83	CAULIFLOWER	678	13	691	330	0	330	1008	13	1021	845
84	PEAS	0	0	0	0	30	30	0	30	30	112
85	TOMATOES	11255	4639	15894	12851	8	12859	24106	4647	28753	32466
86	BOTTLE GOURD	183	13	196	224	0	224	407	13	420	484
87	DRUM STICK	429	37	466	34	0	34	463	37	500	376
88	COCCINEA (DONDA)	587	4	591	184	0	184	771	4	775	522
89	RIDGE GOURD (BEERA)	1274	42	1316	1271	0	1271	2545	42	2587	2662
90	GREEN CHILLIES	3579	571	4150	3361	0	3361	6940	571	7511	6938
91	GREEN BEANS	624	30	654	255	0	255	879	30	909	1021

ANNEXURE - 2

CROP-WISE, SEASON-WISE IRRIGATED AND UN-IRRIGATED AREA FOR THE YEAR 2015-16

(Area in Hectares)

SL. NO.	NAME OF THE CROP	KHARIF			RABI			TOTAL			AVERAGE OF PRECEEDING 5 YEARS
		IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN - IRRIGATED	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
92	PUMPKIN	132	0	132	30	0	30	162	0	162	56
93	ASH GUARD	0	0	0	0	0	0	0	0	0	4
94	CAPSICUM	42	0	42	44	0	44	86	0	86	32
95	BODAKAKARA (AAKAKARA)	1	0	1	17	0	17	18	0	18	2
96	TOTAL VEG-ETABLES	37484	11741	49225	46538	62	46600	84022	11803	95825	100294
97	TOTAL FRUITS AND VEG-ETABLES	150963	47924	198887	49332	70	49402	200295	47994	248289	261791
98	TOTAL FOOD CROPS	1077196	892143	1969339	552262	95993	648255	1629458	988136	2617594	3562239
99	TOTAL SUPERIOR LONG STAPLE	16376	282158	298534	0	0	0	16376	282158	298534	527445
100	TOTAL LONG STAPLE (COTTON)	157420	470334	627754	0	0	0	157420	470334	627754	625985
101	TOTAL SUPERIOR MEDIUM STAPLE	0	168675	168675	0	0	0	0	168675	168675	68525
102	TOTAL MEDIUM STAPLE (COTTON)	5662	593572	599234	0	0	0	5662	593572	599234	335569
103	TOTAL SHORT STAPLE	26103	52956	79059	0	0	0	26103	52956	79059	79461
104	TOTAL COTTON	205561	1567695	1773256	0	0	0	205561	1567695	1773256	1636985
105	SUNHEMP (FIBRE + SEED)	4	0	4	13	32	45	17	32	49	378
106	DECCAN HEMP (MESTA)	0	0	0	0	85	85	0	85	85	118
107	TOTAL FIBRES	205565	1567695	1773260	13	117	130	205578	1567812	1773390	1637481
108	GROUNDNUTS	3139	10331	13470	113933	398	114331	117072	10729	127801	183846
109	SEASMUM (GINGELLY)	13	3999	4012	9019	846	9865	9032	4845	13877	23043
110	SAFFLOWER	0	0	0	596	3259	3855	596	3259	3855	8766
111	SUNFLOWER	10	900	910	10626	11	10637	10636	911	11547	23664
112	COCONUT	339	0	339	0	0	0	339	0	339	547

ANNEXURE - 2

CROP-WISE, SEASON-WISE IRRIGATED AND UN-IRRIGATED AREA FOR THE YEAR 2015-16

(Area in Hectares)

SL. NO.	NAME OF THE CROP	KHARIF			RABI			TOTAL			AVERAGE OF PRECEEDING 5 YEARS
		IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN-IRRIGATED	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
113	RAPE AND MUSTARD	0	0	0	1347	18	1365	1347	18	1365	838
114	SOYABEEN	26970	215832	242802	390	4	394	27360	215836	243196	179388
115	PALM OIL	3849	45	3894	0	0	0	3849	45	3894	3274
116	TOTAL EDIBLE OIL SEEDS	34320	231107	265427	135911	4536	140447	170231	235643	405874	423366
117	CASTOR	0	47373	47373	212	389	601	212	47762	47974	84842
118	LINSEED	0	0	0	0	7	7	0	7	7	308
119	NIGERSEED	0	12	12	0	0	0	0	12	12	12
120	JATROPHA	0	12	12	0	0	0	0	12	12	64
121	GANUGA	0	26	26	0	0	0	0	26	26	24
122	TOTAL NON-EDIBLE OIL SEEDS	0	47423	47423	212	396	608	212	47819	48031	85250
123	TOTAL OIL SEEDS	34320	278530	312850	136123	4932	141055	170443	283462	453905	508616
124	SUBABUL	11	8657	8668	0	0	0	11	8657	8668	6687
125	EUCALYPTUS	132	13212	13344	0	0	0	132	13212	13344	7238
126	TEAK	330	416	746	0	0	0	330	416	746	537
127	SALWOOD	1	9	10	0	0	0	1	9	10	13
128	YERRA CHANDANAM	5	18	23	0	0	0	5	18	23	10
129	SANDAL WOOD	10	29	39	0	0	0	10	29	39	9
130	TOTAL PULP & TIMBER	489	22341	22830	0	0	0	489	22341	22830	14494
131	TOBACCO DESI	20	32	52	596	0	596	616	32	648	2944
132	TOBACCO VIRGINIA	249	1211	1460	3489	194	3683	3738	1405	5143	3949
133	TOTAL TOBACCO	269	1243	1512	4085	194	4279	4354	1437	5791	6893
134	CO-COA	30	0	30	0	0	0	30	0	30	17
135	EUCALYPTUS	27	0	27	0	0	0	27	0	27	16

ANNEXURE - 2

CROP-WISE, SEASON-WISE IRRIGATED AND UN-IRRIGATED AREA FOR THE YEAR 2015-16

(Area in Hectares)

SL. NO.	NAME OF THE CROP	KHARIF			RABI			TOTAL			AVERAGE OF PRECEEDING 5 YEARS
		IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN - IRRIGATED	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
136	PALMYRA	0	21	21	0	0	0	0	21	21	105
137	BETEL LEAVES	19	0	19	0	0	0	19	0	19	18
138	TOTAL DRUGS AND NARCOTICS	345	1264	1609	4085	194	4279	4430	1458	5888	7049
139	FODDER JOWAR	2170	270	2440	11326	144	11470	13496	414	13910	21661
140	FODDER MAIZE	30	33	63	70	0	70	100	33	133	105
141	NAPIER, PAR-AGRASS	940	4	944	59	0	59	999	4	1003	1558
142	FODDER JUTE	0	67	67	20	14	34	20	81	101	240
143	PILLIPESARA FOR FODDER	24	0	24	16	101	117	40	101	141	1363
144	TOTAL FODDER CROPS	3164	374	3538	11491	259	11750	14655	633	15288	24927
145	SUNHEMP FOR MANURE	0	161	161	0	0	0	0	161	161	739
146	PILLIPESARA FOR MANURE	0	0	0	0	0	0	0	0	0	2167
147	DHAINGHA FOR MANURE	0	1056	1056	0	0	0	0	1056	1056	2868
148	TOTAL GREEN MANURE CROPS	0	1217	1217	0	0	0	0	1217	1217	5774
149	COLIUS	0	0	0	0	0	0	0	0	0	1
150	KALABANDA	30	0	30	0	0	0	30	0	30	23
151	ASWAGANDHI	0	10	10	0	0	0	0	10	10	1
152	TOTAL AROMATIC PLANTS	30	10	40	0	0	0	30	10	40	25
153	ROSE	347	0	347	92	0	92	439	0	439	361
154	JASMINE (MALLI)	106	0	106	5	0	5	111	0	111	172
155	SAMPANGI	1	0	1	0	0	0	1	0	1	0

ANNEXURE - 2

CROP-WISE, SEASON-WISE IRRIGATED AND UN-IRRIGATED AREA FOR THE YEAR 2015-16

(Area in Hectares)

SL. NO.	NAME OF THE CROP	KHARIF			RABI			TOTAL			AVERAGE OF PRECEEDING 5 YEARS
		IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN-IRRIGATED	TOTAL	IRRIGATED	UN - IRRIGATED	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
156	MARIGOLD (BANTHI)	207	321	528	131	0	131	338	321	659	837
157	CHRYSANTHAMUM (CHAMANTHI)	385	19	404	282	0	282	667	19	686	932
158	CROSSANDRA (KANAKAMBARAM)	65	0	65	18	0	18	83	0	83	82
159	LILLY	1	0	1	0	0	0	1	0	1	17
160	KAGADA	81	0	81	43	0	43	124	0	124	86
161	CHANDINI	55	0	55	16	0	16	71	0	71	56
162	ASTER	132	0	132	60	0	60	192	0	192	365
163	JIVVI	0	0	0	0	0	0	0	0	0	5
164	JERABARA	0	0	0	0	0	0	0	0	0	1
165	TOTAL FLOWERS	1380	340	1720	647	0	647	2027	340	2367	2914
166	TOTAL AROMATIC PLANTS, FLOWERS	1410	350	1760	647	0	647	2057	350	2407	2939
167	MULBERRY TREES	526	40	566	0	0	0	526	40	566	202
168	GUARGUM (JIGURU GORU CHIKKUDU)	0	0	0	0	0	0	0	0	0	12
169	MISCELLANEOUS NON FOOD CROPS	27	36	63	0	0	0	27	36	63	41
170	TOTAL NON FOOD CROPS	245846	1871847	2117693	152359	5502	157861	398205	1877349	2275554	2201535
171	TOTAL FOOD CROPS	1077196	892143	1969339	552262	95993	648255	1629458	988136	2617594	3562239
172	GROSS AREA SOWN	1323042	2763990	4087032	704621	101495	806116	2027663	2865485	4893148	5763774
173	AREA SOWN MORE THAN ONCE	11419	45711	57130	530003	131483	661486	541422	177194	718616	1154714
174	NET AREA SOWN	1311623	2718279	4029902	174618	-29988	144630	1486241	2688291	4174532	4609060

ANNEXURE - 3

**GROSS AREA SOWN, AREA SOWN MORE THAN ONCE,
NET AREA SOWN, GROSS AREA IRRIGATED AND NET AREA IRRIGATED
FROM 1990-91 TO 2015-16**

(Area in Lakh Hectares)

SL. NO.	YEAR	GROSS AREA SOWN	AREA SOWN MORE THAN ONCE	NET AREA SOWN	GROSS AREA IRRIGATED	NET AREA IRRIGATED
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1990-91	50.36	6.70	43.66	19.56	14.98
2	1991-92	49.44	5.75	43.69	19.08	14.74
3	1992-93	44.58	5.64	38.94	16.08	12.51
4	1993-94	44.38	5.83	38.55	15.51	12.09
5	1994-95	45.21	6.37	38.84	16.49	12.60
6	1995-96	46.35	6.37	39.98	17.48	13.66
7	1996-97	48.83	7.85	40.98	20.32	15.01
8	1997-98	42.34	6.12	36.22	16.00	12.15
9	1998-99	51.74	8.69	43.05	22.46	16.20
10	1999-00	49.28	7.27	42.01	20.80	15.70
11	2000-01	51.84	7.52	44.32	22.42	16.82
12	2001-02	48.01	7.19	40.82	20.28	15.24
13	2002-03	42.36	5.77	36.59	16.32	12.67
14	2003-04	46.67	7.10	39.57	17.56	13.07
15	2004-05	44.13	6.16	37.97	16.61	12.80
16	2005-06	51.18	9.07	42.11	23.51	16.68
17	2006-07	49.41	9.38	40.03	24.14	17.08
18	2007-08	50.20	9.63	40.57	24.45	17.49
19	2008-09	53.95	11.63	42.32	27.21	18.27
20	2009-10	48.98	9.39	39.59	21.31	14.93
21	2010-11	58.67	13.75	44.92	29.99	20.04
22	2011-12	57.01	11.02	45.99	28.64	19.85
23	2012-13	56.90	10.36	46.54	25.57	17.74
24	2013-14	62.44	13.21	49.23	31.54	22.80
25	2014-15	53.15	9.39	43.76	25.29	17.26
26	2015-16	48.93	7.19	41.74	20.28	14.86

ANNEXURE –4
SEASON-WISE TOTAL CROPPED AREA FROM 1990-91 TO 2015-16

(Area in Lakh Hectares)

SL. NO.	YEAR	TOTAL CROPPED AREA								
		KHARIF			RABI			TOTAL		
		NOR-MAL	ACTUAL	% DEV	NOR-MAL	ACTUAL	% DEV	NORMAL	ACTUAL	% DEV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	1990-91	35.50	37.68	6.14	13.10	12.68	-3.21	48.60	50.36	3.62
2	1991-92	35.08	37.91	8.07	12.51	11.53	-7.83	47.59	49.44	3.89
3	1992-93	37.47	33.40	-10.86	12.38	11.17	-9.77	49.85	44.57	-10.59
4	1993-94	37.09	32.43	-12.56	12.02	11.95	-0.58	49.11	44.38	-9.63
5	1994-95	36.01	32.53	-9.66	11.95	12.67	6.03	47.96	45.21	-5.73
6	1995-96	34.79	40.74	17.10	12.00	12.74	6.17	46.79	53.48	14.30
7	1996-97	35.40	35.46	0.17	12.01	13.37	11.32	47.42	48.83	2.97
8	1997-98	34.91	30.26	-13.32	12.38	12.08	-2.42	47.29	42.34	-10.47
9	1998-99	34.28	37.43	9.19	12.56	14.31	13.93	46.84	51.74	10.46
10	1999-2K	35.28	37.92	7.48	13.04	11.36	-12.88	48.32	49.28	1.99
11	2000-01	36.36	36.42	0.17	12.77	11.37	-10.96	49.13	47.79	-2.73
12	2001-02	35.50	33.46	-5.75	12.50	11.59	-7.28	48.00	45.05	-6.15
13	2002-03	35.10	33.46	-4.67	12.14	8.91	-26.61	47.24	42.37	-10.31
14	2003-04	37.14	35.89	-3.37	11.51	10.78	-6.34	48.65	46.67	-4.07
15	2004-05	36.83	34.22	-7.09	10.80	9.91	-8.24	47.63	44.13	-7.35
16	2005-06	36.09	38.19	5.82	10.51	12.99	23.60	46.60	51.18	9.83
17	2006-07	35.64	35.30	-0.95	10.83	13.11	21.05	46.47	48.41	4.17
18	2007-08	35.41	36.29	2.49	11.14	13.90	24.78	46.55	50.19	7.82
19	2008-09	35.98	39.36	9.39	12.14	14.59	20.18	48.12	53.95	12.12
20	2009-10	36.67	35.64	-2.81	12.90	13.35	3.49	49.57	48.99	-1.17
21	2010-11	37.16	42.84	15.28	13.59	15.84	16.55	50.75	58.68	15.62
22	2011-12	38.13	44.17	15.84	14.16	12.85	-9.25	52.29	57.02	9.04
23	2012-13	39.70	44.51	12.11	14.11	12.39	-12.19	53.81	56.90	5.74
24	2013-14	41.34	46.40	12.24	13.80	16.04	16.23	55.14	62.44	13.24
25	2014-15	42.80	41.75	-2.45	14.13	11.40	-19.32	56.93	53.15	-6.64
26	2015-16	43.78	40.87	-6.65	13.61	8.06	-40.78	57.39	48.93	-14.74

ANNEXURE -5
CROP WISE AREA IRRIGATED FROM 1997-98 TO 2015-16

(Area in Lakh Hectares)

SL. NO.	NAME OF THE CROP	1997-98	1998-99	1999-2K	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
FOOD CROPS : CEREALS										
1	RICE	8.88	14.68	13.07	14.65	12.33	8.89	9.40	7.98	13.92
2	WHEAT	0.08	0.08	0.10	0.11	0.10	0.08	0.09	0.07	0.08
MAJOR MILLETS										
3	JOWAR	0.05	0.05	0.08	0.08	0.07	0.10	0.08	0.09	0.09
4	BAJRA	0.05	0.06	0.08	0.09	0.07	0.06	0.08	0.07	0.08
5	RAGI	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.00
6	MAIZE	1.10	1.13	1.22	1.27	1.18	1.36	1.62	1.37	1.85
TOTAL MAJOR MILLETS		1.21	1.25	1.39	1.46	1.33	1.53	1.79	1.54	2.02
MINOR MILLETS										
7	KORRA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	VARAGU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	SAMAI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	OTHER MINOR MILLETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL SMALL MILLETS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MAJOR & MINOR		1.21	1.25	1.39	1.46	1.33	1.53	1.79	1.54	2.02
TOTAL CEREALS AND MILLETS		10.17	16.01	14.56	16.22	13.76	10.50	11.28	9.59	16.02
PULSES										
11	BENGALGRAM	0.00	0.00	0.01	0.00	0.00	0.01	0.02	0.02	0.01
12	REDGRAM	0.01	0.01	0.02	0.01	0.02	0.02	0.02	0.01	0.01
13	GREENGRAM	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.02
14	BLACKGRAM	0.12	0.03	0.07	0.06	0.14	0.07	0.04	0.02	0.02
15	HORSEGRAM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	OTHER PULSES	0.01	0.01	0.01	0.01	0.02	0.03	0.06	0.07	0.06
TOTAL PULSES		0.14	0.05	0.11	0.08	0.19	0.15	0.16	0.14	0.12
TOTAL FOODGRAINS		10.31	16.06	14.67	16.30	13.95	10.65	11.44	9.73	16.14

ANNEXURE -5
CROP WISE AREA IRRIGATED FROM 1997-98 TO 2015-16

(Area in Lakh Hectares)

SL. NO.	NAME OF THE CROP	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
(1)	(2)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
FOOD CROPS : CEREALS											
1	RICE	14.25	13.52	16.32	10.90	19.20	17.06	13.70	19.53	13.89	10.16
2	WHEAT	0.08	0.05	0.12	0.08	0.09	0.08	0.08	0.07	0.06	0.05
MAJOR MILLETS											
3	JOWAR	0.04	0.02	0.01	0.03	0.03	0.05	0.04	0.04	0.13	0.10
4	BAJRA	0.09	0.11	0.07	0.10	0.12	0.08	0.04	0.09	0.09	0.04
5	RAGI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	N	N
6	MAIZE	1.85	2.18	2.33	1.73	1.82	2.15	2.47	2.62	2.43	1.81
TOTAL MAJOR MILLETS		1.98	2.31	2.41	1.86	1.97	2.28	2.55	2.76	2.65	1.95
MINOR MILLETS											
7	KORRA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	N
8	VARAGU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
9	SAMAI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
10	OTHER MINOR MILLETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N	0
TOTAL SMALL MILLETS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N	N
TOTAL MAJOR & MINOR MILLETS		1.98	2.31	2.41	1.86	1.97	2.28	2.55	2.76	2.65	1.95
TOTAL CEREALS AND MILLETS		16.31	15.88	18.85	12.84	21.26	19.42	16.33	22.36	16.60	12.16
PULSES											
11	BENGALGRAM	0.01	0.08	0.11	0.04	0.01	0.01	0.01	0.00	0.03	0.09
12	REDGRAM	0.02	0.01	0.00	0.07	0.01	0.01	0.01	0.01	0.01	0.02
13	GREENGRAM	0.04	0.05	0.02	0.06	0.05	0.07	0.06	0.06	0.07	0.06
14	BLACKGRAM	0.04	0.03	0.02	0.03	0.05	0.10	0.09	0.07	0.05	0.06
15	HORSEGRAM	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	N	N
16	OTHER PULSES	0.06	0.01	0.07	0.09	0.08	0.07	0.05	0.05	0.05	N
TOTAL PULSES		0.17	0.18	0.23	0.29	0.20	0.26	0.22	0.19	0.21	0.27
TOTAL FOOD-GRAINS		16.48	16.06	19.08	13.13	21.46	19.68	16.55	22.55	16.81	12.43

ANNEXURE -5

CROP WISE AREA IRRIGATED FROM 1997-98 TO 2015-16

(Area in Lakh Hectares)

SL. NO.	NAME OF THE CROP	1997-98	1998-99	1999-2K	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
17	CHILLIES	0.59	0.70	0.81	0.78	0.71	0.69	0.80	0.85	0.67
18	TURMERIC	0.37	0.47	0.50	0.58	0.49	0.44	0.46	0.47	0.56
19	GINGER	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
20	OTHER CONDIMENTS AND SPICES	0.02	0.02	0.01	0.04	0.01	0.01	0.01	0.02	0.02
TOTAL CONDIMENTS AND SPICES		0.98	1.20	1.33	1.41	1.22	1.15	1.28	1.35	1.26
21	SUGARCANE	0.83	1.01	1.02	1.01	1.05	1.02	0.83	0.84	1.00
22	ONION	0.06	0.09	0.10	0.10	0.09	0.07	0.09	0.10	0.10
23	OTHER FOOD CROPS	0.74	0.85	0.86	0.91	0.92	1.04	1.15	1.24	1.44
TOTAL FOOD CROPS		12.92	19.21	17.98	19.73	17.23	13.93	14.79	13.26	19.94
24	SESAMUM	0.06	0.07	0.06	0.06	0.06	0.05	0.06	0.07	0.09
25	GROUNDNUT	1.46	1.54	1.22	1.23	1.21	1.01	1.16	1.19	1.33
26	CASTOR	0.00	0.00	0.03	0.03	0.01	0.01	0.02	0.01	0.01
27	COCONUT	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
28	OTHER OIL SEEDS	0.49	0.32	0.21	0.12	0.10	0.12	0.29	0.58	0.45
TOTAL OIL SEEDS		2.02	1.94	1.53	1.45	1.39	1.20	1.54	1.86	1.89
29	TOBACCO	0.09	0.10	0.10	0.03	0.05	0.04	0.05	0.05	0.06
30	COTTON	0.91	1.18	1.16	1.18	1.56	1.10	1.12	1.39	1.54
31	FODDER CROPS	0.03	0.03	0.04	0.03	0.03	0.06	0.05	0.05	0.06
32	OTHER NON FOOD CROPS	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.03
TOTAL NON FOOD CROPS		3.08	3.27	2.85	2.72	3.05	2.42	2.78	3.37	3.58
TOTAL FOOD AND NON FOOD CROPS		16.00	22.48	20.83	22.45	20.28	16.35	17.57	16.63	23.52
TOTAL GROSS AREA SOWN		46.78	51.74	49.28	51.84	48.01	42.36	46.67	44.13	51.18
% OF TOTAL IRRIGAT- ED AREA TO GROSS AREA SOWN		34.20	43.45	42.27	43.31	42.24	38.60	37.65	37.68	45.96

ANNEXURE - 5
CROP WISE AREA IRRIGATED FROM 1997-98 TO 2015-16

(Area in Lakh Hectares)

Sl. No.	NAME OF THE CROP	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013- 14	2014-15	2015-16
(1)	(2)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
17	CHILLIES	0.80	0.79	0.70	0.75	0.71	0.82	0.78	0.72	0.71	0.80
18	TURMERIC	0.50	0.50	0.49	0.46	0.51	0.55	0.50	0.50	0.44	0.43
19	GINGER	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01
20	OTHER CONDIMENTS AND SPICES	0.02	0.02	0.02	0.02	0.01	0.01	0.01	N	0.02	0.02
TOTAL CONDIMENTS AND SPICES		1.33	1.32	1.22	1.25	1.25	1.40	1.31	1.25	1.19	1.26
21	SUGARCANE	1.10	1.05	0.73	0.59	0.78	0.84	0.79	0.76	0.72	0.60
22	ONION	0.09	0.11	0.12	0.11	0.13	0.14	0.12	0.13	0.11	0.13
23	OTHER FOOD CROPS	1.44	1.62	1.67	1.75	1.60	1.93	1.93	1.93	1.97	1.87
TOTAL FOOD CROPS		20.44	20.16	22.82	16.83	25.22	23.99	20.70	26.62	20.80	16.29
24	SESAMUM	0.09	0.06	0.05	0.09	0.11	0.10	0.15	0.15	0.17	0.09
25	GROUNDNUT	1.19	1.53	1.57	1.77	1.66	1.50	1.72	1.91	1.44	1.17
26	CASTOR	0.01	0.01	0.00	0.00	0.00	0.02	0.00	N	N	N
27	COCONUT	0.01	0.01	0.01	0.01	0.01	0.01	0.00	N	0.01	N
28	OTHER OIL SEEDS	0.54	0.74	0.75	0.61	0.34	0.41	0.49	0.40	0.41	0.44
TOTAL OIL SEEDS		1.84	2.35	2.38	2.48	2.12	2.04	2.36	2.46	2.03	1.7
29	TOBACCO	0.06	0.06	0.06	0.08	0.06	0.06	0.02	0.04	0.04	0.04
30	COTTON	1.64	1.61	1.77	1.77	2.10	2.30	2.21	2.16	2.11	2.05
31	FODDER CROPS	0.11	0.18	0.12	0.13	0.17	0.23	0.23	0.24	0.27	0.15
32	OTHER NON FOOD CROPS	0.03	0.03	0.04	0.02	0.03	0.02	0.03	0.03	0.04	0.04
TOTAL NON -FOOD CROPS		3.68	4.23	4.37	4.48	4.48	4.65	4.85	4.93	4.49	3.98
TOTAL FOOD AND NONFOOD CROPS		24.12	24.39	27.19	21.31	29.70	28.64	25.55	31.55	25.29	20.28
TOTAL GROSS AREA SOWN		48.41	50.19	53.95	48.99	58.68	57.01	56.90	62.44	53.15	48.93
% OF TOTAL IRRIGATED AREA TO GROSS AREA SOWN		49.82	48.60	50.40	43.50	50.61	50.24	44.90	50.53	47.58	41.45

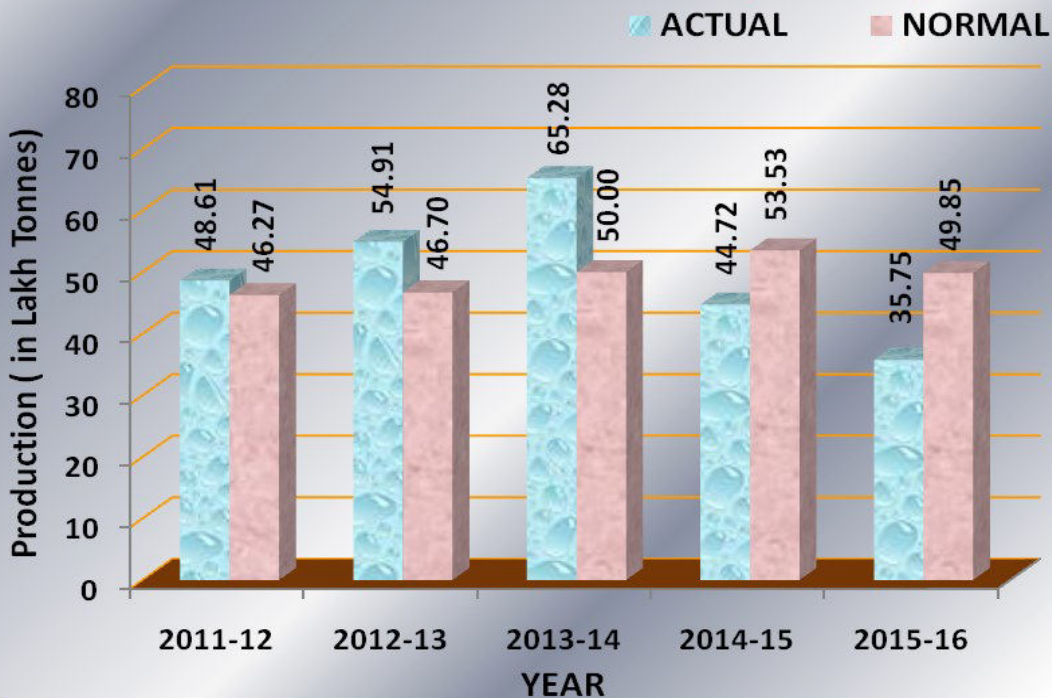
ANNEXURE – 6

SEASON-WISE FOODGRAINS PRODUCTION FROM 1990-91 TO 2015-16

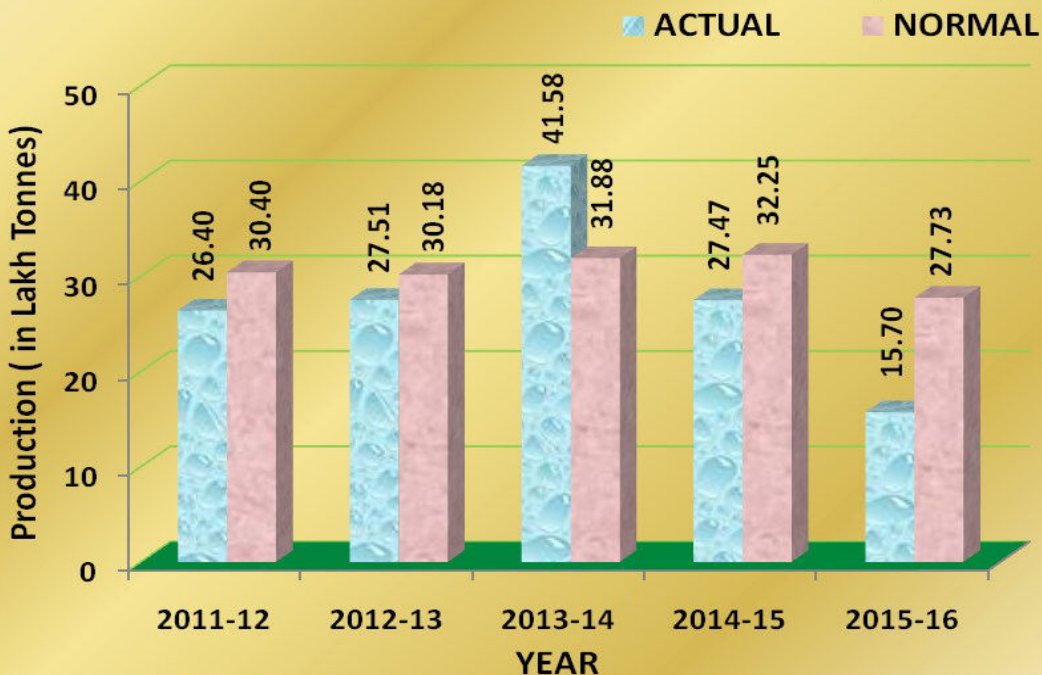
(Area in Lakh Hectares)

SL. NO.	YEAR	FOODGRAIN PRODUCTION								
		KHARIF			RABI			TOTAL		
		ACTUAL	NORMAL	% DEV	ACTUAL	NORMAL	% DEV	ACTUAL	NORMAL	% DEV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	1990-91	34.80	29.94	16	13.39	11.24	19	48.19	41.18	17
2	1991-92	32.68	32.03	2	10.53	11.98	-12	43.21	44.01	-2
3	1992-93	28.96	32.57	-11	10.12	11.90	-15	39.08	44.47	-12
4	1993-94	30.26	32.46	-7	9.64	11.31	-15	39.90	43.77	-9
5	1994-95	29.53	31.25	-6	12.07	11.15	8	41.60	42.40	-2
6	1995-96	26.76	29.64	-10	13.03	11.08	18	39.79	40.72	-2
7	1996-97	36.28	30.99	17	16.78	12.02	40	53.06	43.01	23
8	1997-98	24.85	29.42	-16	10.40	12.00	-13	35.25	41.42	-15
9	1998-99	40.17	31.66	27	20.77	14.12	47	60.94	45.78	33
10	1999-2K	38.85	33.38	16	13.63	14.92	-9	52.48	48.30	9
11	2000-01	46.37	37.30	24	18.26	15.97	14	64.63	53.27	21
12	2001-02	37.71	37.59	0	17.61	16.13	9	55.32	53.72	3
13	2002-03	28.89	38.40	-25	10.59	16.17	-35	39.48	54.57	-28
14	2003-04	43.34	39.03	11	14.65	14.95	-2	57.99	53.98	7
15	2004-05	31.28	37.52	-17	10.40	14.30	-27	41.68	51.82	-20
16	2005-06	51.67	38.58	34	23.62	15.37	54	75.29	53.95	40
17	2006-07	41.45	39.33	5	23.77	16.60	43	65.22	55.93	17
18	2007-08	52.76	44.10	20	28.58	20.20	41	81.34	64.30	27
19	2008-09	49.16	45.26	9	33.32	23.94	39	82.48	69.20	19
20	2009-10	27.08	44.42	-39	24.82	26.82	-7	51.90	71.24	-27
21	2010-11	53.73	44.83	20	38.87	29.87	30	92.60	74.70	24
22	2011-12	48.61	46.27	5	26.40	30.40	-13	75.01	76.67	-2
23	2012-13	54.91	46.70	18	27.51	30.18	-9	82.42	76.88	7
24	2013-14	65.28	50.00	31	41.58	31.88	30	106.86	81.88	31
25	2014-15	44.72	53.53	-16	27.47	32.25	-15	72.18	85.78	-16
26	2015-16	35.75	49.85	-28	15.70	27.73	-43	51.45	77.58	-34

FOOD GRAIN PRODUCTION(KHARIF)



FOOD GRAIN PRODUCTION(RABI)



ANNEXURE - 7

DISTRICT - WISE KHARIF NORMAL AREAS FOR THE YEAR 2015-16

(Area in Hectares)

Sl. No	District Name	Rice	Jowar	Bajra	Maize	Ragi	Total Major Millets	Total Minor Millets	Total Cereals & Millets
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	ADILABAD	56296	17521	0	11856	0	29377	0	85673
2	NIZAMABAD	131964	904	8	53080	0	53992	0	185956
3	KARIMNAGAR	182453	4	0	56090	0	56094	0	238547
4	MEDAK	86286	13405	317	111725	5	125452	0	211738
5	HYDERABAD	0	0	0	0	0	0	0	0
6	RANGAREDDY	27958	11266	162	39259	503	51190	7	79155
7	MAHABUBNAGAR	112642	28089	2782	138960	1218	171049	484	284175
8	NALGONDA	181880	2472	1178	2806	0	6456	0	188336
9	WARANGAL	144670	148	3	49454	0	49605	0	194275
10	KHAMMAM	134781	0	3	14503	0	14506	0	149287
TOTAL		1058930	73809	4453	477733	1726	557721	491	1617142

Sl. No.	District Name	Horse gram	Green-gram	Black-gram	Redgram	Bengal Gram	Cowgram	Other Pulses	Total pulses
(1)	(2)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ADILABAD	0	7375	7342	40179	0	134	229	55259
2	NIZAMABAD	3	11288	8267	3957	0	11	0	23526
3	KARIMNAGAR	0	5570	107	6626	11	425	27	12766
4	MEDAK	0	29971	15724	27778	0	661	74	74208
5	HYDERABAD	0	0	0	0	0	0	0	0
6	RANGAREDDY	74	6882	5572	37566	0	166	0	50260
7	MAHABUBNAGAR	734	13698	1286	115430	0	351	0	131499
8	NALGONDA	9	25585	0	30226	0	0	0	55820
9	WARANGAL	0	21219	218	11046	0	198	0	32681
10	KHAMMAM	0	7241	64	5017	0	4	0	12326
TOTAL		820	128829	38580	277825	11	1950	330	448345

ANNEXURE - 7

DISTRICT - WISE KHARIF NORMAL AREAS FOR THE YEAR 2015-16

(Area in Hectares)

Sl. No.	District Name	Total Food Grains	Chillies	Turmeric	Sugar Cane	Pota-toes	Onions	Other Food Crops
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
1	ADILABAD	140932	2614	6854	3	0	2	12669
2	NIZAMABAD	209482	752	12045	7432	0	23	3442
3	KARIMNAGAR	251313	4534	15224	1838	0	4	25019
4	MEDAK	285946	877	1587	22602	7	278	17421
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	129415	643	3909	1159	9	327	24609
7	MAHABUBNAGAR	415674	8850	38	2087	0	3568	26629
8	NALGONDA	244156	5349	44	734	0	0	45882
9	WARANGAL	226956	13620	9605	1	0	7	13231
10	KHAMMAM	161613	20449	385	4857	0	0	37239
TOTAL		2065487	57688	49691	40713	16	4209	206141

Sl. No	District Name	Total Food Crops	Total Cotton	Mes tha	Ground-nut	Sesamum (Gingelly)	Sun-flower	Castor
(1)	(2)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
1	ADILABAD	163074	332756	0	2	508	0	139
2	NIZAMABAD	233176	19054	0	9	0	0	7
3	KARIMNAGAR	297932	233596	0	135	15	0	123
4	MEDAK	328718	111267	4	57	396	270	269
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	160071	51459	26	80	278	24	3178
7	MAHABUBNAGAR	456846	213274	6	11504	631	2021	72834
8	NALGONDA	296165	262412	0	5180	1292	0	6157
9	WARANGAL	263420	247609	0	3381	3192	0	812
10	KHAMMAM	224543	160604	1	362	414	0	0
TOTAL		2423945	1632031	37	20710	6726	2315	83519

ANNEXURE - 7

DISTRICT - WISE KHARIF NORMAL AREAS FOR THE YEAR 2015-16

(Area in Hectares)

Sl. No	District Name	Soyabean	Other Oil Seeds	Total Oil Seeds	Total Tobacco	Other Non-Food Crops	Total Non - Food Crops	Gross Area Sown
(1)	(2)	(33)	(34)	(35)	(36)	(37)	(38)	(39)
1	ADILABAD	79830	0	80479	0	115	413350	576424
2	NIZAMABAD	78827	47	78890	33	94	98071	331247
3	KARIMNAGAR	8171	0	8444	0	66	242106	540038
4	MEDAK	10982	13	11987	6	1090	124354	453072
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	340	17	3917	0	4476	59878	219949
7	MAHABUBNAGAR	4	0	86994	1339	1158	302771	759617
8	NALGONDA	2	61	12692	48	2625	277777	573942
9	WARANGAL	119	0	7504	454	252	255819	519239
10	KHAMMAM	21	3722	4519	0	14761	179885	404428
TOTAL		178296	3860	295426	1880	24637	1954011	4377956

DISTRICT - WISE RABI NORMAL AREAS FOR THE YEAR 2015-16

Sl. No.	District Name	Rice	Wheat	Jowar	Bajra	Maize	Ragi	Total Major Millets
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	ADILABAD	19352	3415	11149	832	9470	2	21453
2	NIZAMABAD	88931	1346	5891	6136	28663	0	40690
3	KARIMNAGAR	159681	6	398	1493	47828	0	49719
4	MEDAK	48476	2219	10770	2	14283	0	25055
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	15414	610	3977	3	2187	146	6313
7	MAHABUBNAGAR	55396	14	8751	7	4697	200	13655
8	NALGONDA	149864	0	1643	0	724	0	2367
9	WARANGAL	75127	4	2819	16	37208	0	40043
10	KHAMMAM	32565	0	564	1	17875	0	18440
TOTAL		644806	7614	45962	8490	162935	348	217735

ANNEXURE - 7
DISTRICT - WISE RABI NORMAL AREAS FOR THE YEAR 2015-16

(Area in Hectares)

Sl. No	District Name	Total Minor Millets	Total Cereals & Millets	Horse gram	Green-gram	Black-gram	Redgram	Bengal Gram
(1)	(2)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ADILABAD	2	44222	106	1948	404	844	14604
2	NIZAMABAD	0	130967	8	585	1276	1	22961
3	KARIMNAGAR	0	209406	15	3924	3093	47	1593
4	MEDAK	0	75750	294	23	7	21	24407
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	0	22337	128	1	0	15	5431
7	MAHABUBNAGAR	0	69065	484	21	260	42	25035
8	NALGONDA	0	152231	1419	169	3421	12	417
9	WARANGAL	0	115174	323	2744	1758	386	1030
10	KHAMMAM	0	51005	22	4387	3206	150	117
TOTAL		2	870157	2799	13802	13425	1518	95595

Sl. No	District Name	Cow-gram	Other Pulses	Total pulses	Total Food Grains	Chillies	Pota-toes	Onions
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	ADILABAD	83	28	18017	62239	276	0	371
2	NIZAMABAD	0	522	25353	156320	926	0	2314
3	KARIMNAGAR	3350	13	12035	221441	148	0	748
4	MEDAK	656	238	25646	101396	352	3301	3669
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	199	0	5774	28111	229	605	1988
7	MAHABUBNAGAR	49	0	25891	94956	139	3	1173
8	NALGONDA	1442	0	6880	159111	1067	0	5
9	WARANGAL	1871	0	8112	123286	10188	0	234
10	KHAMMAM	2049	0	9931	60936	6366	0	1
TOTAL		9699	801	137639	1007796	19691	3909	10503

ANNEXURE - 7

DISTRICT - WISE RABI NORMAL AREAS FOR THE YEAR 2015-16

(Area in Hectares)

Sl. No	District Name	Other Food Crops	Total Food Crops	Total Cotton	Groundnut	Sesamum (Gingelly)	Safflower	Sunflower
(1)	(2)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	ADILABAD	2435	65321	0	1441	3372	137	717
2	NIZAMABAD	10192	169752	0	1236	3863	1996	7578
3	KARIMNAGAR	5327	227664	0	9065	6597	0	323
4	MEDAK	29528	138246	0	1202	120	4603	8463
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	10430	41363	0	8609	5	1466	257
7	MAHABUBNAGAR	7943	104214	0	98043	68	563	3574
8	NALGONDA	3254	163437	0	14558	10	1	249
9	WARANGAL	5340	139048	0	23550	160	0	44
10	KHAMMAM	6326	73629	7	5407	898	0	145
TOTAL		80775	1122674	7	163111	15093	8766	21350

Sl. No	District Name	Other Oil Seeds	Total Oil Seeds	Total Tobacco	Other Non-Food Crops	Total Non - Food Crops	Gross Area Sown
(1)	(2)	(31)	(32)	(33)	(34)	(35)	(36)
1	ADILABAD	231	5898	7	305	6210	71531
2	NIZAMABAD	399	15072	732	17489	33293	203045
3	KARIMNAGAR	375	16360	118	20	16498	244162
4	MEDAK	991	15379	22	56	15457	153703
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	2	10339	0	1954	12293	53656
7	MAHABUBNAGAR	519	102767	953	971	104691	208905
8	NALGONDA	36	14854	43	587	15484	178921
9	WARANGAL	8	23762	24	235	24021	163069
10	KHAMMAM	4	6454	2510	1543	10514	84143
TOTAL		2565	210885	4409	23160	238461	1361135

ANNEXURE - 7

DISTRICT - WISE KHARIF NORMAL AREAS FOR THE YEAR 2016-17

(Area in Hectares)

Sl. No	District Name	Rice	Jowar	Bajra	Maize	Ragi	Total Major Millets	Total Minor Millets	Total Cereals & Millets
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	ADILABAD	52231	14234	0	11365	0	25599	0	25599
2	NIZAMABAD	124709	752	7	47968	0	48727	0	48727
3	KARIMNAGAR	173812	1	0	53799	0	53800	0	53800
4	MEDAK	82206	10753	292	113490	5	124540	1	124541
5	HYDERABAD	0	0	0	0	0	0	0	0
6	RANGAREDDY	25184	9171	109	42857	383	52520	3	52523
7	MAHABUBNAGAR	99775	24632	2250	153976	1027	181885	642	182527
8	NALGONDA	166231	2094	757	2927	0	5778	0	5778
9	WARANGAL	136245	126	3	50015	0	50144	0	50144
10	KHAMMAM	125990	0	2	14118	0	14120	0	14120
TOTAL		986383	61763	3420	490515	1415	557113	646	557759

Sl. No.	District Name	Horse-gram	Green-gram	Black-gram	Redgram	Bengal Gram	Cowgram	Other Pulses	Total pulses
(1)	(2)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ADILABAD	0	6359	5798	38104	0	119	208	50588
2	NIZAMABAD	2	8475	6571	3827	0	5	0	18880
3	KARIMNAGAR	0	4579	146	5422	11	401	18	10577
4	MEDAK	3	24994	13714	26678	0	652	85	66126
5	HYDERABAD	0	0	0	0	0	0	0	0
6	RANGAREDDY	66	5651	4465	35247	0	138	0	45567
7	MAHABUBNAGAR	569	11316	964	113802	0	389	0	127040
8	NALGONDA	9	23195	0	25156	0	0	0	48360
9	WARANGAL	0	19041	94	8836	0	203	0	28174
10	KHAMMAM	0	5962	43	2964	0	2	0	8971
TOTAL		649	109572	31795	260036	11	1909	311	404283

ANNEXURE - 7

DISTRICT - WISE KHARIF NORMAL AREAS FOR THE YEAR 2016-17

(Area in Hectares)

Sl. No.	District Name	Total Food Grains	Chillies	Turmeric	Sugar Cane	Pota-toes	Onions	Other Food Crops
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
1	ADILABAD	128418	2165	7148	4	0	3	12757
2	NIZAMABAD	192316	588	12290	7058	0	25	3344
3	KARIMNAGAR	238189	4481	13769	1687	0	7	25469
4	MEDAK	272873	652	1580	21532	7	269	17905
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	123274	532	3551	1083	8	329	23934
7	MAHABUBNAGAR	409342	9624	33	2130	0	4069	27341
8	NALGONDA	220369	5243	44	900	0	0	43971
9	WARANGAL	214563	15021	9330	1	0	2	13728
10	KHAMMAM	149081	21649	338	5333	0	1	35600
TOTAL		1948425	59955	48083	39728	15	4705	204049

Sl. No	District Name	Total Food Crops	Total Cotton	Mes tha	Ground-nut	Sesamum (Gingelly)	Sun-flower	Castor
(1)	(2)	(26)	(27)	(28)	(29)	(30)	(31)	(32)
1	ADILABAD	150495	335050	0	1	411	0	122
2	NIZAMABAD	215621	18300	0	9	0	0	8
3	KARIMNAGAR	283602	226766	0	85	10	0	117
4	MEDAK	314818	122436	4	38	306	211	303
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	152711	57247	11	72	221	16	2118
7	MAHABUBNAGAR	452539	236021	6	9434	588	1489	65219
8	NALGONDA	270527	297721	0	4277	976	0	3761
9	WARANGAL	252645	252218	0	3091	2484	0	753
10	KHAMMAM	212002	162970	1	401	252	0	0
TOTAL		2304960	1708729	22	17408	5248	1716	72401

ANNEXURE - 7

DISTRICT - WISE KHARIF NORMAL AREAS FOR THE YEAR 2016-17

(Area in Hectares)

Sl. No	District Name	Soyabean	Other Oil Seeds	Total Oil Seeds	Total Tobacco	Other Non-Food Crops	Total Non - Food Crops	Gross Area Sown
(1)	(2)	(33)	(34)	(35)	(36)	(37)	(38)	(39)
1	ADILABAD	86717	0	87251	0	113	422414	572909
2	NIZAMABAD	89090	13	89120	53	82	107555	323176
3	KARIMNAGAR	9744	0	9956	1	64	236787	520389
4	MEDAK	15421	21	16300	0	925	139665	454483
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	597	15	3039	0	4295	64592	217303
7	MAHABUBNAGAR	1	2	76733	1321	1152	315233	767772
8	NALGONDA	2	90	9106	36	2648	309511	580038
9	WARANGAL	155	0	6483	338	423	259462	512107
10	KHAMMAM	21	3871	4545	0	15499	183015	395017
TOTAL		201748	4012	302533	1749	25201	2038234	4343194

DISTRICT - WISE RABI NORMAL AREAS FOR THE YEAR 2016-17

Sl. No.	District Name	Rice	Wheat	Jowar	Bajra	Maize	Ragi	Total Major Millets
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	ADILABAD	16808	3151	9967	849	10171	2	20989
2	NIZAMABAD	71468	1175	5536	4842	26734	0	37112
3	KARIMNAGAR	126097	5	361	1161	48877	0	50399
4	MEDAK	40479	1909	8907	2	15774	0	24683
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	12572	492	3527	3	2268	133	5931
7	MAHABUBNAGAR	48180	7	8301	4	4541	169	13015
8	NALGONDA	126996	0	1153	1	739	0	1893
9	WARANGAL	66154	0	2196	17	38228	0	40441
10	KHAMMAM	24804	0	448	1	15484	0	15933
TOTAL		533558	6739	40396	6880	162816	304	210396

ANNEXURE - 7

DISTRICT - WISE RABI NORMAL AREAS FOR THE YEAR 2016-17

(Area in Hectares)

Sl. No	District Name	Total Minor Millets	Total Cereals & Millets	Horse gram	Green-gram	Black-gram	Redgram	Bengal Gram
(1)	(2)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ADILABAD	2	40950	47	1721	294	598	14906
2	NIZAMABAD	0	109755	2	683	1220	1	21533
3	KARIMNAGAR	0	176501	7	4046	3121	56	1557
4	MEDAK	0	67071	279	31	12	18	19775
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	0	18995	110	5	1	15	4843
7	MAHABUBNAGAR	13	61215	506	168	546	13	23850
8	NALGONDA	0	128889	1071	175	3323	56	358
9	WARANGAL	0	106595	260	2485	1350	248	936
10	KHAMMAM	0	40737	10	4196	2604	109	66
TOTAL		15	750708	2292	13510	12471	1114	87824

Sl. No	District Name	Cow-gram	Other Pulses	Total pulses	Total Food Grains	Chillies	Corian-der	Potatoes
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	ADILABAD	76	18	17660	58610	210	393	3
2	NIZAMABAD	2	291	23732	133487	730	230	0
3	KARIMNAGAR	2738	13	11538	188039	194	12	0
4	MEDAK	598	201	20914	87985	116	404	2870
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	172	0	5146	24141	172	10	544
7	MAHABUBNAGAR	103	0	25186	86401	124	2	2
8	NALGONDA	1449	0	6432	135321	943	220	0
9	WARANGAL	1738	0	7017	113612	10253	47	0
10	KHAMMAM	1805	0	8790	49527	6210	0	0
TOTAL		8681	523	126415	877123	18952	1318	3419

ANNEXURE - 7

DISTRICT - WISE KHARIF NORMAL AREAS FOR THE YEAR 2016-17

(Area in Hectares)

Sl. No	District Name	Onions	Other Food Crops	Total Food Crops	Ground-nut	Sesamum (Gingelly)	Safflower	Sunflower
(1)	(2)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	ADILABAD	376	2068	61660	1376	3477	115	419
2	NIZAMABAD	2242	8961	145650	1053	3944	1657	7243
3	KARIMNAGAR	680	4726	193651	8124	6013	0	376
4	MEDAK	3628	27379	122382	1070	116	3833	7889
5	HYDERABAD	0	0	0	0	0	0	0
6	RANGAREDDY	1914	9749	36530	7619	4	1065	219
7	MAHABUBNAGAR	1181	8388	96098	93247	68	447	2180
8	NALGONDA	4	3090	139578	13291	10	1	197
9	WARANGAL	240	5375	129527	21841	170	0	27
10	KHAMMAM	2	6131	61870	5192	663	0	112
TOTAL		10267	75867	986946	152813	14465	7118	18662

Sl. No	District Name	Other Oil Seeds	Total Oil Seeds	Total Tobacco	Other Non-Food Crops	Total Non - Food Crops	Gross Area Sown
(1)	(2)	(31)	(32)	(33)	(34)	(35)	(36)
1	ADILABAD	252	5639	13	263	5915	67575
2	NIZAMABAD	375	14272	778	16573	31623	177273
3	KARIMNAGAR	536	15049	54	13	15116	208767
4	MEDAK	858	13766	23	63	13852	136234
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	1	8908	0	1987	10895	47425
7	MAHABUBNAGAR	513	96455	924	1071	98450	194548
8	NALGONDA	39	13538	45	732	14315	153893
9	WARANGAL	13	22051	46	224	22321	151848
10	KHAMMAM	3	5970	2348	1331	9649	71519
TOTAL		2590	195648	4231	22257	222136	1209082

ANNEXURE - 8
INTER STATE COMPARISION OF PRINCIPAL CROPS FOR 2014-15
(AREA, PRODUCTION AND PRODUCTIVITY)

1. FOOD GRAINS

Sl.No	Name of the State	Area (in'000 Hectares)	Rank in Area	Production (in '000 tonnes)	Rank in Production	Yield (Kgs per Hectare)	Rank in Yield Rate Per Hectare
1	Uttar pradesh	20078	1	39594	1	1972	10
2	Madhya pradesh	15462	2	28687	2	1855	14
3	Punjab	6585	7	26698	3	4054	1
4	Rajasthan	12835	3	19622	4	1529	18
5	West Bengal	6128	8	16532	5	2698	6
6	Haryana	4445	9	15235	6	3427	2
7	Bihar	6725	6	13209	7	1964	11
8	Karnataka	7193	5	12138	8	1687	17
9	Maharashtra	11450	4	11312	9	988	21
10	Andhra pradesh	3963	12	10494	10	2648	7
11	Tamilnadu	3538	13	9624	11	2720	5
12	Odisha	5166	10	8981	12	1738	16
13	Chattisgarh	5058	11	7461	13	1475	19
14	Telangana	2613	16	7218	14	2763	4
15	Gujarat	3527	14	7109	15	2016	9
16	Assam	2701	15	5459	16	2021	8
17	Jharkhand	2553	17	4777	17	1872	13
18	Uttarakhand	898	19	1626	18	1811	15
19	Himachal Pradesh	755	20	1432	19	1896	12
20	Jammu & Kashmir	957	18	1220	20	1275	20
21	Kerala	200	21	564	21	2823	3
22	Others	1470		3133		2132	
All India		122830		248992		2028	

Source: Final Estimates Agricultural Statistics Division, Department of Agrl & Co-op. DE&S GOI, New Delhi.

ANNEXURE - 8
INTER STATE COMPARISON OF PRINCIPAL CROPS FOR 2014-15
(AREA, PRODUCTION AND PRODUCTIVITY)

2. PADDY

Sl.No	Name of the State	Area (in'000 Hectares)	Rank in Area	Production (in '000 tonnes)	Rank in Production	Yield (Kgs per Hectare)	Rank in Yield Rate Per Hectare
1	West Bengal	5376	2	14677	1	2730	7
2	Uttar pradesh	5872	1	12168	2	2072	14
3	Punjab	2894	6	11107	3	3838	1
4	Odisha	4166	3	8298	4	1992	15
5	Andhra pradesh	2394	8	7234	5	3022	5
6	Bihar	3263	5	6357	6	1948	16
7	Chattisgarh	3809	4	6322	7	1660	21
8	Tamilnadu	1795	10	5728	8	3191	3
9	Assam	2495	7	5223	9	2093	13
10	Telangana	1415	13	4544	10	3211	2
11	Haryana	1287	15	4006	11	3113	4
12	Madhya pradesh	2153	9	3625	12	1684	20
13	Karnataka	1326	14	3541	13	2670	8
14	Jharkhand	1502	12	3362	14	2238	11
15	Maharashtra	1551	11	2946	15	1899	17
16	Gujarat	786	16	1831	16	2329	9
17	Uttarakhand	262	18	604	17	2307	10
18	Kerala	198	19	562	18	2837	6
19	Jammu & Kashmir	276	17	517	19	1871	18
20	Rajasthan	168	20	367	20	2186	12
21	Himachal Pradesh	72	21	125	21	1728	19
22	Others	1049		2442		2327	
All India		43060		103144		2391	

Source: Final Estimates Agricultural Statistics Division, Department of Agrl & Co-op. DE&S GOI, New Delhi.

ANNEXURE - 8
INTER STATE COMPARISON OF PRINCIPAL CROPS FOR 2014-15
(AREA, PRODUCTION AND PRODUCTIVITY)

3. JOWAR

Sl.No	Name of the State	Area (in'000 Hectares)	Rank in Area	Production (in '000 tonnes)	Rank in Production	Yield (Kgs per Hectare)	Rank in Yield Rate Per Hectare
1	Maharashtra	3288	1	2109	1	641	11
2	Karnataka	1047	2	1174	2	1121	5
3	Tamilnadu	348	4	513	3	1475	3
4	Rajasthan	661	3	505	4	763	10
5	Madhya pradesh	220	5	377	5	1714	2
6	Andhra pradesh	142	8	286	6	2014	1
7	Gujarat	145	7	196	7	1350	4
8	Uttar pradesh	164	6	163	8	994	8
9	Telangana	79	9	83	9	1054	7
10	Haryana	50	10	26	10	520	14
11	Chattisgarh	5	12	4	11	863	9
12	Odisha	7	11	4	12	626	12
13	Bihar	1	13	2	13	1068	6
14	Jharkhand	1	14	N		530	13
15	Others	4		4		881	
All India		6162		5446		884	

N = NEGLIGIBLE

Source: Final Estimates Agricultural Statistics Division, Department of Agrl & Co-op. DE&S GOI, New Delhi.

ANNEXURE - 8
INTER STATE COMPARISON OF PRINCIPAL CROPS FOR 2014-15
(AREA, PRODUCTION AND PRODUCTIVITY)

4. MAIZE

Sl.No	Name of the State	Area (in'000 Hectares)	Rank in Area	Production (in '000 tonnes)	Rank in Production	Yield (Kgs per Hectare)	Rank in Yield Rate Per Hectare
1	Karnataka	1337	1	4214	1	3152	8
2	Bihar	707	6	2340	2	3313	7
3	Telangana	692	7	2308	3	3338	5
4	Maharashtra	1077	3	2202	4	2045	12
5	Madhya pradesh	1132	2	2126	5	1880	15
6	Tamilnadu	322	9	2068	6	6423	1
7	Andhra pradesh	303	10	1938	7	6396	2
8	Rajasthan	891	4	1551	8	1740	18
9	Uttar pradesh	717	5	1279	9	1784	16
10	West Bengal	152	14	663	10	4351	3
11	Gujarat	382	8	631	11	1652	19
12	Himachal Pradesh	293	12	579	12	1979	13
13	Jharkhand	270	13	476	13	1763	17
14	Punjab	126	15	460	14	3651	4
15	Jammu & Kashmir	299	11	360	15	1204	20
16	Chattisgarh	122	16	230	16	1886	14
17	Odisha	92	17	188	17	2053	11
18	Assam	28	18	93	18	3333	6
19	Uttarakhand	25	19	51	19	2070	10
20	Haryana	8	20	18	20	2250	9
21	Kerala	N		N	21	1030	21
22	Others	211		395		1867	
All India		9186		24170		2632	

N = NEGLIGIBLE

Source: Final Estimates Agricultural Statistics Division, Department of Agrl & Co-op. DE&S GOI, New Delhi.

ANNEXURE - 8
INTER STATE COMPARISON OF PRINCIPAL CROPS FOR 2014-15
(AREA, PRODUCTION AND PRODUCTIVITY)

5. TOTAL PULSES

Sl.No	Name of the State	Area (in'000 Hectares)	Rank in Area	Production (in '000 tonnes)	Rank in Production	Yield (Kgs per Hectare)	Rank in Yield Rate Per Hectare
1	Madhya pradesh	5513	1	4828	1	876	7
2	Maharashtra	3409	2	2053	2	602	17
3	Rajasthan	3362	3	1952	3	580	19
4	Uttar pradesh	2350	4	1439	4	612	16
5	Karnataka	2320	5	1390	5	599	18
6	Andhra pradesh	1043	6	950	6	911	6
7	Tamilnadu	884	8	753	7	852	9
8	Chattisgarh	897	7	737	8	821	11
9	Jharkhand	595	10	597	9	1004	3
10	Gujarat	591	11	574	10	972	4
11	Bihar	575	12	494	11	859	8
12	Odisha	826	9	439	12	532	20
13	Telangana	408	13	263	13	644	15
14	West Bengal	251	14	236	14	941	5
15	Assam	148	15	111	15	749	13
16	Haryana	83	16	56	16	674	14
17	Uttarakhand	66	17	55	17	821	12
18	Punjab	49	18	42	18	846	10
19	Himachal Pradesh	31	19	38	19	1234	1
20	Jammu & Kashmir	24	20	9	20	380	21
21	Kerala	1	21	1	21	1162	2
22	Others	126		133		1051	
All India		23552		17150		728	

Source: Final Estimates Agricultural Statistics Division, Department of Agri & Co-op. DE&S GOI, New Delhi.

ANNEXURE - 8
INTER STATE COMPARISON OF PRINCIPAL CROPS FOR 2014-15
(AREA, PRODUCTION AND PRODUCTIVITY)

6.BENGALGRAM

Sl.No	Name of the State	Area (in'000 Hectares)	Rank in Area	Production (in '000 tonnes)	Rank in Production	Yield (Kgs per Hectare)	Rank in Yield Rate Per Hectare
1	Madhya pradesh	2853	1	2964	1	1039	7
2	Maharashtra	1427	2	1088	2	762	15
3	Rajasthan	1256	3	911	3	725	16
4	Karnataka	939	4	674	4	718	17
5	Andhra pradesh	342	6	391	5	1143	5
6	Uttar pradesh	558	5	368	6	659	18
7	Chattisgarh	281	7	290	7	1035	8
8	Gujarat	161	8	199	8	1236	2
9	Jharkhand	161	9	186	9	1160	4
10	Telangana	59	12	81	10	1370	1
11	Bihar	60	11	57	11	958	9
12	Haryana	65	10	42	12	646	19
13	Odisha	47	13	36	13	770	14
14	West Bengal	26	14	31	14	1178	3
15	Tamilnadu	7	15	4	15	645	20
16	Assam	2	16	2	16	934	10
17	Punjab	2	17	2	17	1056	6
18	Uttarakhand	1	18	1	18	821	13
19	Kerala	1	19	N	19	895	12
20	Himachal Pradesh	N		N	20	922	11
21	Others	4		3		942	
All India		8252		7330		889	

N = NEGLIGIBLE

Source: Final Estimates Agricultural Statistics Division, Department of Agrl & Co-op. DE&S GOI, New Delhi.

ANNEXURE - 8
INTER STATE COMPARISION OF PRINCIPAL CROPS FOR 2014-15
(AREA, PRODUCTION AND PRODUCTIVITY)

7. REDGRAM

Sl.No	Name of the State	Area (in'000 Hectares)	Rank in Area	Production (in '000 tonnes)	Rank in Production	Yield (Kgs per Hectare)	Rank in Yield Rate Per Hectare
1	Maharashtra	1210	1	726	1	600	17
2	Madhya pradesh	521	3	511	2	981	8
3	Karnataka	728	2	474	3	651	14
4	Gujarat	214	6	235	4	1098	4
5	Jharkhand	196	7	200	5	1018	7
6	Uttar pradesh	287	4	174	6	606	16
7	Odisha	138	9	124	7	898	12
8	Telangana	220	5	109	8	495	19
9	Tamilnadu	72	10	77	9	1064	6
10	Andhra pradesh	151	8	76	10	503	18
11	Chattisgarh	53	11	34	11	637	15
12	Bihar	20	12	29	12	1438	2
13	Rajasthan	13	13	10	13	735	13
14	Haryana	6	14	7	14	1098	5
15	Assam	6	15	6	15	949	9
16	Uttarakhand	4	16	3	16	902	11
17	West Bengal	2	18	3	17	1436	3
18	Punjab	3	17	2	18	923	10
19	Kerala	N		N		1848	1
20	Himachal Pradesh	N		N		333	20
21	Others	9		9		899	
All India		3853		2809		729	

N = NEGLIGIBLE

Source: Final Estimates Agricultural Statistics Division, Department of Agri & Co-op. DE&S GOI, New Delhi.

ANNEXURE - 8
INTER STATE COMPARISION OF PRINCIPAL CROPS FOR 2014-15
(AREA, PRODUCTION AND PRODUCTIVITY

8. SUGARCANE

Sl.No	Name of the State	Area (in'000 Hectares)	Rank in Area	Production (in '000 tonnes)	Rank in Production	Yield (Kgs per Hectare)	Rank in Yield Rate Per Hectare
1	Uttar pradesh	2141	1	133061	1	62155	14
2	Maharashtra	1030	2	84698	2	82232	6
3	Karnataka	480	3	43776	3	91200	4
4	Tamilnadu	263	4	28093	4	106788	2
5	Gujarat	208	6	14330	5	68894	13
6	Bihar	254	5	14034	6	55179	16
7	Andhra pradesh	139	7	9987	7	71849	11
8	Haryana	97	10	7169	8	73907	8
9	Punjab	94	11	7039	9	74883	7
10	Uttarakhand	102	9	6165	10	60608	15
11	Madhya pradesh	111	8	4567	11	41144	17
12	Telangana	38	12	3343	12	87654	5
13	West Bengal	18	15	2105	13	118767	1
14	Assam	30	13	1099	14	36760	18
15	Odisha	10	16	723	15	71929	10
16	Jharkhand	7	17	470	16	69500	12
17	Rajasthan	6	18	409	17	73390	9
18	Kerala	2	19	149	18	97910	3
19	Chattisgarh	19	14	49	19	2665	20
20	Himachal Pradesh	2	20	38	20	23118	19
21	Jammu & Kashmir	1	21	2	21	1502	21
22	Others	17		1026		60765	
All India		5069		362332		71512	

Source: Final Estimates Agricultural Statistics Division, Department of Agri & Co-op. DE&S GOI, New Delhi.

ANNEXURE - 8
INTER STATE COMPARISON OF PRINCIPAL CROPS FOR 2014-15
(AREA, PRODUCTION AND PRODUCTIVITY)

9.COTTON

Sl.No	Name of the State	Area (in'000 Hectares)	Rank in Area	Production (in '000 tonnes)	Rank in Production	Yield (Kgs per Hectare)	Rank in Yield Rate Per Hectare
1	Gujarat	2773	2	10500	1	644	2
2	Maharashtra	4190	1	7000	2	284	11
3	Telangana	1693	3	3583	3	360	10
4	Andhra pradesh	821	5	2841	4	588	5
5	Karnataka	875	4	2311	5	449	9
6	Haryana	648	6	2300	6	603	4
7	Madhya pradesh	547	7	1750	7	544	6
8	Punjab	420	9	1600	8	648	1
9	Rajasthan	487	8	1527	9	533	8
10	Tamilnadu	187	10	686	10	624	3
11	Odisha	127	11	400	11	535	7
12	Others	31		90		494	
All India		12799		34588		462	

Source: Final Estimates Agricultural Statistics Division, Department of Agri & Co-op. DE&S GOI, New Delhi.

ANNEXURE - 8
INTER STATE COMPARISON OF PRINCIPAL CROPS FOR 2014-15
(AREA, PRODUCTION AND PRODUCTIVITY)

10.TOTAL OIL SEEDS

Sl.No	Name of the State	Area (in'000 Hectares)	Rank in Area	Production (in '000 tonnes)	Rank in Production	Yield (Kgs per Hectare)	Rank in Yield Rate Per Hectare
1	Madhya pradesh	1066	7	7724	1	1093	8
2	Rajasthan	4457	1	5314	2	1192	6
3	Gujarat	2546	3	4886	3	1920	2
4	Maharashtra	4242	2	2850	4	672	15
5	Tamilnadu	415	11	985	5	2374	1
6	Karnataka	1373	4	959	6	698	12
7	West Bengal	776	8	901	7	1161	7
8	Uttar pradesh	1127	5	787	8	698	13
9	Haryana	511	9	743	9	1456	3
10	Telangana	500	10	722	10	1442	4
11	Andhra pradesh	1072	6	597	11	557	20
12	Assam	307	12	206	12	670	16
13	Jharkhand	268	14	178	13	664	18
14	Chattisgarh	291	13	174	14	599	19
15	Odisha	212	15	141	15	667	17
16	Bihar	116	16	127	16	1093	8
17	Punjab	46	18	58	17	1265	5
18	Jammu & Kashmir	59	17	40	18	682	14
19	Uttarakhand	32	19	30	19	938	11
20	Himachal Pradesh	12	20	7	20	541	21
21	Kerala	1	21	1	21	1052	10
22	Others	172		171		990	
All India		19601		27601		1075	

Source: Final Estimates Agricultural Statistics Division, Department of Agri & Co-op. DE&S GOI, New Delhi.

ANNEXURE - 8
INTER STATE COMPARISON OF PRINCIPAL CROPS FOR 2014-15
(AREA, PRODUCTION AND PRODUCTIVITY

11.GROUNDNUT

Sl.No	Name of the State	Area (in'000 Hectares)	Rank in Area	Production (in '000 tonnes)	Rank in Production	Yield (Kgs per Hectare)	Rank in Yield Rate Per Hectare
1	Gujarat	1401	1	3018	1	2154	3
2	Rajasthan	501	4	1011	2	2019	4
3	Tamilnadu	337	5	926	3	2753	1
4	Karnataka	654	3	502	4	768	18
5	Andhra pradesh	874	2	493	5	564	19
6	Maharashtra	327	6	379	6	1159	12
7	Madhya pradesh	231	7	370	7	1602	7
8	Telangana	155	8	295	8	1907	5
9	West Bengal	77	10	180	9	2325	2
10	Uttar pradesh	98	9	84	10	857	17
11	Odisha	49	11	62	11	1268	11
12	Chattisgarh	26	12	36	12	1412	9
13	Jharkhand	25	13	25	13	1013	16
14	Haryana	4	14	4	14	1135	13
15	Punjab	1	15	3	15	1857	6
16	Bihar	1	16	1	16	1023	15
17	Kerala	N	18	1	17	1442	8
18	Uttarakhand	1	17	1	18	1103	14
19	Others	8		10		1292	
All India		4770		7401		1552	

N = NEGLIGIBLE

Source: Final Estimates Agricultural Statistics Division, Department of Agri & Co-op. DE&S GOI, New Delhi.

ANNEXURE - 8
INTER STATE COMPARISION OF PRINCIPAL CROPS FOR 2014-15
(AREA, PRODUCTION AND PRODUCTIVITY)

12.SUNFLOWER

Sl.No	Name of the State	Area (in'000 Hectares)	Rank in Area	Production (in '000 tonnes)	Rank in Production	Yield (Kgs per Hectare)	Rank in Yield Rate Per Hectare
1	Karnataka	356	1	206	1	579	10
2	Andhra pradesh	50	3	40	2	800	9
3	Maharashtra	82	2	33	3	402	12
4	Haryana	12	7	32	4	2767	1
5	Odisha	22	4	26	5	1195	8
6	Telangana	18	5	26	6	1397	6
7	West Bengal	15	6	22	7	1467	3
8	Bihar	12	8	17	8	1429	4
9	Punjab	9	9	15	9	1765	2
10	Tamilnadu	9	10	13	10	1409	5
11	Uttar pradesh	3	11	4	11	1333	7
12	Jharkhand	1	12	N	12	513	11
13	Others	3		2		625	
All India		592		436		736	

N = NEGLIGIBLE

Source: Final Estimates Agricultural Statistics Division, Department of Agri & Co-op. DE&S GOI, New Delhi.

ANNEXURE - 8
INTER STATE COMPARISON OF PRINCIPAL CROPS FOR 2014-15
(AREA, PRODUCTION AND PRODUCTIVITY)

13.SOYABEAN

Sl.No	Name of the State	Area (in'000 Hectares)	Rank in Area	Production (in '000 tonnes)	Rank in Production	Yield (Kgs per Hectare)	Rank in Yield Rate Per Hectare
1	Madhya pradesh	5578	1	6353	1	1139	4
2	Maharashtra	3640	2	2384	2	655	13
3	Rajasthan	923	3	957	3	1036	6
4	Telangana	242	5	262	4	1081	5
5	Karnataka	256	4	189	5	738	10
6	Chattisgarh	106	6	80	6	753	9
8	Gujarat	57	7	43	7	754	8
9	Uttar pradesh	52	8	38	8	731	11
10	Uttarakhand	13	9	17	9	1293	3
11	Andhra pradesh	1	10	2	10	2000	1
12	Himachal Pradesh	1	11	1	11	1450	2
13	Jharkhand	1	12	1	12	802	7
14	Odisha	1	13	1	13	632	14
15	West Bengal	1	14	N	14	701	12
16	Others	40		47		1182	
All India		10912		10375		951	

N = NEGLIGIBLE

Source: Final Estimates Agricultural Statistics Division, Department of Agri & Co-op. DE&S GOI, New Delhi.

ANNEXURE-9

**DISTRICT WISE PERCAPITA CONSUMPTION OF ELECTRICITY (UTILITY ONLY)
IN AGRICULTURE AND OTHER CATEGORIES DURING 2013-14 AND 2014-15**

(IN K.W.H)

SL. NO.	DISTRICT	2014-15				2013-14			
		Domestic	Agricultural	Industrial (Including cottage)	All Categories	Domestic	Agricultural	Industrial (Including cottage)	All Categories
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	ADILABAD	138	188	126	554	128	166	134	523
2	NIZAMABAD	161	547	76	883	150	469	65	779
3	KARIMNAGAR	158	275	110	802	147	243	103	732
4	MEDAK	144	575	859	1644	125	516	756	1457
5	HYDERABAD	629	-	462	1387	582	-	442	1311
6	RANGAREDDY	407	165	642	1348	376	162	592	1257
7	MAHABUBNAGAR	77	482	407	1018	64	502	328	942
8	NALGONDA	127	589	670	1453	111	585	600	1352
9	WARANGAL	155	368	59	738	145	373	56	703
10	KHAMMAM	180	173	123	600	169	168	118	571
TOTAL		231	314	423	1320	197	245	344	1084

NUMBER OF AGRICULTURAL ELECTRIC SERVICES AND CONNECTED LOAD -2014-15

SL. NO.		Agricultural - 2014-15 (Provisional)	
		No. of Services	Connected Load
(1)	(2)	(3)	(4)
1	ADILABAD	102284	334653
2	NIZAMABAD	220351	752678
3	KARIMNAGAR	370188	1034157
4	MEDAK	231984	1166188
5	HYDERABAD	88	516
6	RANGAREDDY	117054	577932
7	MAHABUBNAGAR	237272	1199922
8	NALGONDA	330107	1612507
9	WARANGAL	283429	981870
10	KHAMMAM	113671	383149
TOTAL		2006428	8043572

SOURCE : TELANGANA STATE TRANSCO.

ANNEXURE - 10

**SCHEME – WISE NUMBER OF MINOR IRRIGATION SOURCES,
POTENTIAL CREATED AND AREA IRRIGATED
DURING 3rd AND 4th MINOR IRRIGATION CENSUS**

(In Million Numbers)

SL. NO	NAME OF THE SCHEME	NUMBER OF SOURCES		GROSS IRRIGATION POTENTIAL CREATED (IN HECTARES)		ACTUAL AREA IRRIGATED (IN HECTARES)	
		3 RD MIC	4 TH MIC	3 RD MIC	4 TH MIC	3 RD MIC	4 TH MIC
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	DUG WELLS	735273	630297	1038747	886791	676013	629701
2	SHALLOW TUBE WELLS	423618	595495	717120	929627	559997	720646
3	DEEP TUBE WELLS	4469	57138	12419	88480	8604	63107
4	GROUND WATER SCHEMES	1163360	1282930	1768286	1904898	1244614	1413454
5	SURFACE FLOW IRRIGATION SCHEMES	38151	36066	836698	700863	390881	256394
6	SURFACE LIFT IRRIGATION SCHEMES	15199	13875	61533	81869	44303	49608
7	SURFACE WATER SCHEMES	53350	49941	898231	782732	435184	306002
TOTAL		1216710	1332871	2666517	2687630	1679798	1719456

Note : Reference Year for 3rd MIC – 2000 - 2001
Reference Year for 4th MIC – 2006 - 2007

ANNEXURE - 11

**STATEMENT SHOWING THE YEAR WISE ACHIEVEMENT OF
PROCUREMENT OF RICE FROM 2006-07 TO 2015-16**

(Procurement in Metric Tonnes)

SL. NO.	DISTRICT	2006-07			2007-08		
		RAW	BOILED	TOTAL	RAW	BOILED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ADILABAD	2614	2700	5314	880	13613	14493
2	NIZAMABAD	369747	113075	482822	305231	193116	498347
3	KARIMNAGAR	156277	303806	460083	136921	395248	532169
4	MEDAK	81181	63154	144335	71663	90683	162346
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	3960	14620	18580	15709	24961	40670
7	MAHABUBNAGAR	29924	74074	103998	46510	89430	135940
8	NALGONDA	156621	454024	610645	207114	694653	901767
9	WARANGAL	192490	183259	375749	163094	266417	429511
10	KHAMMAM	23695	33297	56992	33229	37296	70525
TELANGANA		1016509	1242009	2258518	980351	1805417	2785768

SL. NO.	DISTRICT	2008-09			2009-10		
		RAW	BOILED	TOTAL	RAW	BOILED	TOTAL
(1)	(2)	(9)	(10)	(11)	(12)	(13)	(14)
1	ADILABAD	3138	31243	34381	2824	35848	38672
2	NIZAMABAD	451601	223156	674757	344809	269202	614011
3	KARIMNAGAR	188635	516613	705248	170500	498083	668583
4	MEDAK	97423	117942	215365	64066	125342	189408
5	HYDERABAD	0	0	0	0	0	0
6	RANGAREDDY	14958	32810	47768	10024	24723	34747
7	MAHABUBNAGAR	59753	98442	158195	43620	123980	167600
8	NALGONDA	195967	692497	888464	171754	678762	850516
9	WARANGAL	249053	264267	513320	228142	274274	502416
10	KHAMMAM	43297	47676	90973	39071	44679	83750
TELANGANA		1303825	2024646	3328471	1074810	2074893	3149703

Source : Commissioner of Civil Supplies Department, Government of Telangana

ANNEXURE - 11 (Condd.)

**STATEMENT SHOWING THE YEAR WISE ACHIEVEMENT OF
PROCUREMENT OF RICE FROM 2006-07 TO 2015-16**

(Procurement in Metric Tonnes)

SL. NO	DISTRICT	2010-11			2011-12			2012-13		
		RAW	BOILED	TOTAL	RAW	BOILED	TOTAL	RAW	BOILED	TOTAL
1	ADILABAD	20952	44942	65894	15294	24164	39458	5824	13888	19712
2	NIZAMABAD	519734	180099	699833	402166	178765	580931	364457	219975	584432
3	KARIMNAGAR	284869	319509	604378	195758	155770	351528	187103	120569	307672
4	MEDAK	125785	76992	202777	142000	100639	242639	129436	96094	225530
5	HYDERABAD	0	0	0	0	0	0	0	0	0
6	RANGAREDDY	30452	44156	74608	24194	38826	63020	17118	29359	46477
7	MAHABUBNAGAR	102988	99025	202013	75359	141432	216791	33588	138697	172285
8	NALGONDA	313839	611335	925174	166047	627324	793371	135689	585672	721361
9	WARANGAL	350941	269044	619985	192394	174428	366822	204164	169042	373206
10	KHAMMAM	46272	36155	82427	41982	44308	86290	12447	18630	31077
TELANGANA		1795832	1681257	3477089	1255194	1485656	2740850	1089826	1391926	2481752

SL. NO.	DISTRICT	2013-14			2014-15			2015-16 (AS ON 09.05.2016)		
		RAW	BOILED	TOTAL	RAW	BOILED	TOTAL	RAW	BOILED	TOTAL
1	ADILABAD	648	21681	22329	19737	7978	27715	21229	11526	32755
2	NIZAMABAD	313717	219533	533250	108274	130183	238457	129221	3776	132997
3	KARIMNAGAR	170051	222604	392655	186662	192692	379354	259318	28192	287510
4	MEDAK	118219	120393	238612	89543	45274	134817	80736	0	80736
5	HYDERABAD	0	0	0	0	0	0	0	0	0
6	RANGAREDDY	8721	45321	54042	18590	14366	32956	10958	0	10958
7	MAHABUBNAGAR	30969	165599	196568	49555	95352	144907	33354	3219	36573
8	NALGONDA	221586	596397	817983	298258	452817	751075	103350	107	103457
9	WARANGAL	204588	215739	420327	201904	131774	333678	168692	41729	210421
10	KHAMMAM	10665	22842	33507	22508	2160	24668	105741	1592	107333
TELANGANA		1079164	1630109	2709273	995031	1072596	2067627	912599	90141	1002740

Source : Commissioner of Civil Supplies Department, Government of Telangana

ANNEXURE - 12

CONSUMPTION OF CHEMICAL FERTILIZERS, 2011-12 TO 2014-15

(In Tonnes)

Sl. No.	Item	2011-12	2012-13	2013-14	2014-15
1	Ammonium Sulphate	28502	23021	29420	21918
2	Urea	1320735	1313797	1680716	1366937
3	Calcium Ammonium Nitrate	9561	6238	5942	22
4	Ammonium Phosphate (20:20:0)	605270	522000	629036	621818
5	Mono Ammonium Phosphate	16449	9201	-	-
6	Ammonium Phosphate (28:28:0)	52868	48664	54194	76212
7	Ammonium Phosphate (16:20:0)	62579	10768	12069	7843
8	Di- Ammonium Phosphate	421347	250564	243544	189108
9	Single Super Phosphate	76603	45873	55478	47771
10	Muriate of Potash	122839	108516	103156	108596
11	Sulphate of Potash	243	161	226	-
12	14:35:14	49931	25321	26226	32389
13	15:15:15	9960	7414	3066	10146
14	19:19:19	496	30	2479	2076
15	12:32:16	34518	19120	18475	14199
16	10:26:26	47689	27416	17298	25713
17	Triple Super Phosphate	9925	1138	-	-
	Total	2869515	2419242	2881325	2524748

Source: Fertilizer and Agriculture Statistics, Southern Region, 2014-15, The Fertilizer Association of India, Chennai.

CONSUMPTION OF CHEMICAL FERTILISERS BY DISTRICTS, 2014-15

(in Tonnes)

Sl. No.	District	Nitrogen (N)	Phosphorous (P)	Potash (K)	Total(N+P+K)
1	Adilabad	65363	15789	1870	83022
2	Nizamabad	81227	19268	5415	105910
3	Karimnagar	12579	34966	12165	169710
4	Medak	55797	12098	3043	70938
5	Hyderabad	-	-	-	-
6	Rangareddy	120239	64120	21038	205397
7	Mahabubnagar	83514	33352	7619	124485
8	Nalgonda	112831	36930	12004	161765
9	Warangal	108636	27802	9723	146161
10	Khammam	76753	23883	9521	110157
	Total	826939	268208	82398	1177545

Source: Fertilizer Statistics (2014-15), The Fertilizer Association of India, New Delhi.

APPENDIX - I
GLOSSARY OF BOTANICAL, ENGLISH AND TELUGU NAMES OF CROPS

Botanical	English	Telugu
CEREALS		
Oryza Sativa	Paddy	Vadlu
Triticum Species	Wheat	Godhumalu
Sorghum Vulgare	Jowar	Jonnalu
Pennisetum Typhoides	Bajra	Sajja or Ganti
Hordeum Velgare	Barley	Barley
Zea Mays	Maize	Mokkajonnalu
Eleusine Coracana	Ragi	Ragi and Chodi
Sateria Italica	Korra(Italian Millet)	Korralu
Paspalum Serobiculatum	Varagu	Arikelu
Panicum Milliare	Samai	Samalu
Panicum Milliaceum	Common Millet	Varigalu
PULSES		
Cicer Arietinum	Bengalgram	Shanagalu
Phaseolus Aureus	Greengram	Pesarlu
Cajanus Cajan	Redgram	Kandulu
Phaseolus Mungo	Blackgram	Minumulu
Dolichose Biflorus	Horsegram	Ulavalu
Phaseolus aconitifolius	Dwegram	Mittikalulu or Kumkumpesalu
Dolichos Lablab	Fieldbean	Anumulu
Vignacatjang	Cowgram cowpea	Alasandalu or Bobbarlu
SUGAR		
Saccharum Officinarum	Sugarcane	Cheruku
Phonix Sylvestris	Date palm	Kharjuramu
CONDIMENTS AND SPICES		
Areca Catichu	Betelnuts	Vakkalu or Pokalu
Cadsicum Annum	Chillies	Mirapakayalu
Zingiber officinale	Ginger	Allam
Curcuma Longa	Turmeric	Pasupu
Allium Sativum	Garlic	Tellagadda , Elligadda or Velluli
Coriandrum Sativum	Coriander	Dhaniyalu or Kottumeri
Tamarindus Indica	Tamarind	Chintapandu

APPENDIX - I
GLOSSARY OF BOTANICAL, ENGLISH AND TELUGU NAMES OF CROPS

Botanical	English	Telugu
FRUITS AND VEGETABLES		
Musa Sapientum	Bananas	Aratipandu
Vitis Vinifera	Grapes	Draksha
Magnifera indica	Mangoes	Mamidi
Anacardium Occidentale	Cashewnut	Jeedimamidi
Paidium Guajava	Guava	Jama
Sokanum Tukersoum	Potatoes	Urlagadda, Alugadda
Manihot Utilissima	Topioca	Karapendalam
Ipomaca Batatas	Sweet potatoes	Genusugaddalu or Chilagadam
Allium Cepa	Onions	Ulligadda or Nirulli
Olden Landia Unbellata	Chayroot	Chiriveru
Amaranthus	Amaranths	Thotakoora
Solanum Melongena	Brinjal	Vankaya
Lycopersicon Esculentum	Tomato	Seema vanga
OIL SEEDS		
Arachis hypogoca	Groundnut	Verushenaga
Ricinus communis	Castor	Amudalu
Cocos Nucifera	Coconut	Kobbera
Sesamum indicum	Gingelly, Sesamum	Nuvvulu
Brassica campestris	Rape and mustard	Avalu
Carthamus tinctorius	Safflower	Kusuma
Linum Uitastisimum	Linseed	Avisi
Guizotia Abyssinica	Nigersed	Verrinuvvulu
FIBRES		
Gossypium Sp.	Cotton	Prathi
Hibiscus cannabinus	Bombay Hemp	Gogu
Agave Vivipara	Agave	Kalabanda or Kittanara
DRUGS AND NARCOTICS		
Coffea arabica	Coffee	Coffee
Camellia Theifera	Tea	Theyaku
Borassus Flabellifer	Palmyra	Thati
Piper Betle	Betel vines	Tamalapakulu
Nicotiana Tabacum	Tobacco	Pogaku
Papaver Somniferum	Opium	Nallamandu
MISCELLANEOUS		
Indigofera Tinctoria	Indigo	Neeldi
Phaseolus Trilobus	Pillipesara	Pillipesara

**APPENDIX – II
CONVERSION COEFFICIENTS**

For changing British Units of Weight, Length and Capacity into Metric Units.

I. Standards of Weights

1	Oz	28.3495 Grams
1	Gram	0.0352740 Ounces, 0.09 Tula
1	Pound	0.45359 Kilogram
1	Kilogram	2.20462 Pounds (Lb), 1000 Grams, 35.274 Ounces (Oz)
1	Tonne (Metric Ton)	0.98420 Tons, 1000 kilograms 10 Quintals
1	Ounce	28.350 g
1	Ton	1.01605 Metric Tons, 2240 Lbs.
1	Tonne (Metric Tonne)	1000 Kgs, 10 Quintals
1	Pound	0.037324 Metric Tons, 82.2857 Lbs. 0.4536 Kg ,0.3732 Quintal
1	Cwt	0.5010 Quintal
1	Seer	0.9331 kilogram
1	Bale of Cotton lint (392 Lbs)	0.1771 Metric Ton
1	Metric Ton	5.641 Bales
1	Bale of Jute (400 Lbs).	0.181436 Metric Ton
1	Metric Ton	5.5166 Bales of Jute

II. Standards of Area

1	Hectare	2.47105 Acres , 1000 Square Meters
1	Acre	0.404686 Hectare, 4840 Sq. Yards 4046.9 Sq . Meters (43560 Sq. ft.)
1	Sq.Mile	640 Acres, 2.59 Sq.Kilometres
1	Sq.Kilometre	0.3861 Sq.Mile, 100 Hectares 247.105 Acres
1	Sq.yard	0.8361 Sq.Metre, 9 Sq.feet
1	Sq.Metre	1.1960 Sq. Yards, 10.764 Square Feet
1	Sq . Foot	0.0929 m ²
1	Km ²	100 Hectares (ha)

III. Standards of Length

1	Kilometre	0.62137 Mile, 3280.8 Feet, 1000meters ,1093.6 yards
1	Metre	1.0936 Yards, 39.36996 Inches, 3.2808 Feet
1	Yard	0.9144 metre, 91.44 Centimeters, 36 Inches
1	Inch	25.4 Millimetres, 2.54 Centimeters, 0.0254 Meters
1	Foot	30.48 Centimeters , 0.3048m
1	Millimetre	0.0328 Inch
1	Mile	1.6093 Kilometers
1	Chain	100 links, 20.1168 Meters, 66 Feet
13	Steps	10 Meters (Approx)
7	Steps	5 Meters (Approx)

IV. Standard of Volume

1	Cubic Inch	16.387 Cubic Cms
1	Cubic Centimeter	0.061 Cubic Inch
1	Cubic Foot	0.028 Cubic Meter
1	Cubic Meter	35.315 Cubic Feet , 1.3080 Cubic yards
1	Gallon	4.54596 Litres, 8 Pints
1	Litre	0.21998 Gallon , 1.76 Pints
1	Pint	0.5683 Litre

V. Units

1	Crore	10 Millions
1	Million	10 Lakhs
1	Lakh	100000
1	Billion	1000 Million

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