

ಆಸಾಂನಿ:ಸಂಖ್ಯೆ:14:2016



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

2012-13 ನೇ ಸಾಲಿನ

ಕರ್ನಾಟಕ ರಾಜ್ಯದ

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ಬೆಂಗಳೂರು



Government of Karnataka

***REPORT  
ON  
AREA, PRODUCTION, PRODUCTIVITY  
AND  
PRICES OF AGRICULTURE CROPS  
IN  
KARNATAKA  
2012-13***

DIRECTORATE OF ECONOMICS AND STATISTICS  
BENGALURU

## PREFACE

Agricultural Statistics, particularly those relating to area, production and productivity have a very important role to play in the overall statistical system of the State. One of the key statistical publications being brought out by the Directorate of Economics and Statistics is "Area, Production, Productivity and Prices of Agriculture Crops in Karnataka" for 2012-13.

This report, with Annual Season and Crop Statistics Report as the base for which the Record of Rights, Tenancy and Crop Inspection (Pahani) written by the Village Accountant is the principal source, depicts districtwise land use and further, seasonwise, cropping pattern, agricultural conditions and sourcewise and cropwise area irrigated. This report contains data on production and productivity of agriculture crops. Additionally it contains data on prices of agricultural produce.

The Publication is prepared in the Agricultural Statistics Division of the Directorate of Economics and Statistics.

Constructive suggestions for enhancing quality of the report are most welcome.

Place: Bangalore

Date: 30-12-2016

  
( K.V. SUBRAMANYAM)  
Director

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## **AREA, PRODUCTION, PRODUCTIVITY AND PRICES OF AGRICULTURE CROPS IN KARNATAKA, 2012-13**

### **1. Introduction:**

Agriculture is still one of the priority sectors of the State's economy, particularly rural economy, notwithstanding its diminishing share in the State domestic product. Several policies and programs are being planned and implemented by government from time to time to improve productivity. Besides improved techniques for the development of agriculture and higher agriculture production, timely and sufficient rainfall and weather conditions are also crucial factors. During the year under report, the total cropped area has decreased by about 3.12 lakh hectares due to Scanty & deficit rainfall during may, july, October and December months.

### **2. Seasonal Conditions:**

2.1 During the agriculture year 2012-13, the actual rainfall in the State was 1110 mms as against the normal of 1198 mms, an decrease of -7.35%. Rainfall was excess only in Kolar district, normal in 1) Belagavi 2) Bidar 3) Chikballapur 4) Chitradurga 5) Dakshina Kannada 6) Davanagere 7) Hassan 8) Shivamogga 9) Tumkur 10) Udipi and 11) Uttar Kannada districts, deficit in all other districts 1) Bagalkot 2) Bengaluru Urban 3) Bengaluru Rural 4) Bellary 5) Vijayapura 6) Chamarajanagar 7) Chikmagalur 8) Dharwad 9) Gadag 10) Kalburgi 11) Haveri 12) Kodagu 13) Koppal 14) Mandya 15) Mysore 16) Raichur 17) Ramanagar and 18) Yadgir. But there was normal rainfall during Kharif and Rabi seasons and excess in summer season.

The season wise actual and normal rainfall are given in Table – 1 and districtwise and season wise details in Annexure – 1.

**Table - 1**

**Season wise rainfall condition in the State, 2012-13**

Season	Rainfall (in mm)		Departure from Normal Rainfall (%)	Rainfall Pattern
	Normal	Actual		
Kharif	839	815	-2.86	Normal
Rabi	346	279	-19.36	Normal
Summer	13	16	23.07	Excess
<b>State</b>	<b>1198</b>	<b>1110</b>	<b>-7.35</b>	Normal

Source : Rainfall section, DES

### 3. Land Utilization:

3.1 The total geographical area of the State is classified into; (1) forest (2) land put to non-agricultural use (3) barren and uncultivable land (4) permanent pastures and other grazing land (5) cultivable waste (6) miscellaneous trees and groves etc., not included in net area sown (7) current fallows (8) other fallow land and (9) net area sown. Details of land use during 2012-13 compared with 2011-12 are in Table - 2.

**Table – 2**

#### **Classification of geographical area according to land use during 2012-13 and 2011-12**

Sl. No	Category	Area (in hectare)		% to total geographical area	
		2012-13	2011-12	2012-13	2011-12
1	Forest	3073376	3071833	16.1	16.1
2	Land put to non - agricultural use	1435603	1432956	7.5	7.5
3	Barren & un cultivable land	786621	786621	4.1	4.1
4	Cultivable waste	412640	413284	2.2	2.2
5	Permanent pastures & other graz. Land	908338	908393	4.8	4.8
6	Land under miscellaneous tree, groves etc.,	282674	285013	1.5	1.5
7	Current fallow	1822359	1671787	9.6	8.8
8	Other fallow land	535397	538550	2.8	2.8
9	Net area sown	9793060	9941399	51.4	52.2
<b>Total Geographical Area</b>		<b>19050068</b>	<b>19049836</b>	<b>100.00</b>	<b>100.00</b>

3.2 The total geographical area of the state is increased by 232 hectares during 2012-13 compared to 2011-12. One new sand pitch area in the seashore of Mangalore Taluk modified as a Revenue Village by name "Bengre". That area included to Dakshina Kannada District. The net area sown in the State decreased by 148339 hectares during 2012-13 over 2011-12. Net area under cultivation during 2012-13 was 51.4% as against 52.2% during 2011-12. The percentage of area covered under different uses of land to the total geographical area remains the same in the categories of Forest, Land put to non agricultural use, Barren and uncultivable land, Cultivable waste, Permanent pastures and other grazing land and Land under miscellaneous tree crops groves etc. not included under net area sown and other fallow land, but varies in respect of current fallow and Net area sown during the year under review. Districtwise land use area for the year 2012-13 is given in Annexure – 2. The Pie chart of the same is given in Annexure –2.1.

### 3.3 Category wise Land Use Area:

**(a) Forest:** Out of the total geographical area, 30,73,376 hectares i.e., 16.1%, is covered by forests. During the year 2012-13, the forest area was increased by 1543 hectares compared to 2011-2012. Soppina Betta of Chikmagalore district is come under forest limit and some of the new areas of the same district were included under Kuduremukha wildlife sanctuary and increasing the area of tiger reserve forest, the forest area of Chikmagalore district is increased. The largest forest area was in Uttara Kannada district (26.5%) followed by Shivamogga and Chamarajnagar (9.0% each) and the lowest was in Vijayapura (0.06%).

**(b) Land put to non-agricultural use:** Area covered under this category of land was 14,35,603 hectares in 2012-13 accounting for 7.5% of the total geographical area. Among the districts, the percentage of area covered under this category was highest in Bengaluru (U) (8.1%) followed by Bellary (7.7%) and then by Shivamogga (6.2%) and the lowest area was in Gadag (0.7%).

**(c) Barren and uncultivable land:** Total area covered under this category of land was 7,86,621 hectares during 2012-13, which constitutes 4.1% of the total geographical area in the State. The largest area under this category was in Tumkur (8.6%) followed by Dakshina Kannada (7.5%) and Bellary (6.8%) and lowest in Dharwad (0.5%).

**(d) Cultivable waste:** During 2012-13, the total area under this category of land was 4,12,640 hectares, which accounts for 2.2% of the total geographical area in the State. Tumkur district had the highest area (15.2%) followed by Mandya (10.2%) and lowest in Gadag (0.2%)

**(e) Permanent pastures and other grazing land:** In the State, total area under this category of land was 9,08,338 hectares or 4.8% of the total geographical area during 2012-13. The largest area was in Shivamogga (18.0%) followed by Chitradurga and Chickmagalur (9.8% each) and Lowest in Gadag (0.3%).

**(f) Land covered under miscellaneous trees, crops, groves etc., not included in net area sown:** During the year 2012-13, the total area under this category of land was 2,82,674 hectares which works out to 1.5% of the total geographical area in the State. The largest area was in Udupi (15.9%) followed by Dakshina Kannada (11.2%) and Shivamogga (9.5%) and lowest in Dharwad and Koppal districts (0.07%).

**(g) Current fallows:** Total area covered under the category "current fallows" increased to 18,22,359 hectares during 2012-13 from 16,71,787 hectares of year 2011-12 Percentage of area under current fallows during 2012-13 was 9.6%. The largest area was in Belagavi (18.9%) followed by Tumkur (10.6%) and lowest in Udupi (0.02%).

**(h) Other fallow land:** In the State, total area under the category "other fallow land" was 5,35,397 hectares during 2012-13, which works out to 2.8% of the total geographical area as against 5,38,550 hectares during 2011-12. The largest area was in Mandya (10.0%) followed by Bidar (8.4%) and lowest in Kodagu (0.7%).

(i) **Net area sown:** The net area sown in the State was 97,93,060 hectares during 2012-13 which accounts for 51.4% of the total geographical area. It was 99,41,399 hectares (52.2%) during 2011-12. The largest net area sown was in Kalburgi district (8.9%) followed by Vijayapura (8.5%) and lowest in Bengaluru (U) (0.5%).

#### 4. Sources of Irrigation:

4.1 The main sources of irrigation in the State were wells, tanks, tube/bore wells and reservoirs. The State had 6243 kms length of canals spread over 24 districts. There were 3,90,784 open wells, 8,77,125 tube/bore wells, 34,338 tanks, and 58 reservoirs during the year under report. Maximum number of open wells were located in Belagavi (62,995) followed by Vijayapura (42,511) and Tumkur districts (39,556). Tube/bore wells were maximum in Tumkur (1,21,245) followed by Kolar (81,832). Hassan had the highest number of (6,066) tanks and the lowest is in Dakshina Kannada, (11) tanks. Districtwise number of canals, wells, tube/bore wells, tanks and other details are given in **Annexure – 3**.

#### 5. Details of Sourcewise Area Irrigated:

5.1 Out of the 1,17,47,857 hectares of gross cropped area during 2012-13, 40,07,125 hectares of area was irrigated. The percentage of gross area irrigated was 34.1% during 2012-13 as against 34.3% during 2011-12. Out of 97,93,060 hectares of net area sown during 2012-13, the net area irrigated was 34,20,521 hectares. The percentage of net area irrigated to net area sown works out to 34.9 as against 34.6 during 2011-12. The percentage of gross cropped area irrigated to gross cropped area sown was largest in Belagavi (60.8%) followed by Shivamogga (59.8%) and lowest in Kodagu (0.8%). Similarly, the percentage of net area irrigated to net area sown was largest in Belagavi (75.0%) followed by Mandya (63.9%) and lowest in Kodagu (0.9%). District wise details are shown in **Annexure - 4**.

5.2 In the State, out of 40,07,125 hectares of gross cropped area irrigated, 39.6%, 33.3%, 11.5%, 4.0%, 2.9% and 8.7% of area was irrigated by tube/bore wells, canals, wells, tanks, lift irrigation and other sources respectively. The net area irrigated was 33.2%, 38.6%, 11.9%, 4.0%, 3.0% and 9.2% through canals, tube/bore wells, wells, tanks, lift irrigation and other sources respectively. Source wise area irrigated during 2012-13 is presented in Table - 3 and districtwise details in **Annexure – 5**. The Bar chart depicting the same is given in Annexure-5.1.1 and 5.1.2.

**Table – 3**  
**Sourcewise area irrigated during 2012-13**

Sl. No.	Source of Irrigation	Net area irrigated (in hect)	% to State total	Gross area irrigated (in hect)	% to State Total
1	Canals	1136148	33.21(34.24 )	1334639	33.30 (35.6 )
2	Tanks	138076	4.04 (5.17)	158210	3.95 (4.74)
3	Wells	407471	11.91 (12.31)	462715	11.55 (11.5 )
4	Tube/Borewells	1321212	38.63 (37.14)	1587941	39.63 (37.22)
5	Lift irrigation	101523	2.97 (2.62)	115485	2.88 (2.82 )
6	Other sources	316091	9.24 (8.52)	348135	8.69 (8.12)
<b>State</b>		<b>3420521</b>	<b>100.0 (100.0)</b>	<b>4007125</b>	<b>100.0 (100.0)</b>

(figures in the bracket is for the year 2011-12).



**5.3 (a) Area irrigated by Canals:** About 13.35 lakh hectares of gross cropped area was irrigated by canals during 2012-13 as against 14.73 lakh hectares during 2011-12. The gross cropped area irrigated by canal was the highest in Raichur (2.2 lakh hectares) followed by Bellary (1.37 lakh hectares). The net area irrigated by canals was 11.4 lakh hectares as against 11.8 lakh hectares during 2011-12. Raichur had the largest net area irrigated (1.9 lakh hectares) followed by Vijayapura (1.1 lakh hectares).

**(b) Area irrigated by Tanks:** Before the formation of major irrigation projects, tank irrigation was popular in the State. During 2012-13, the gross cropped area irrigated by tanks was 1.58 lakh hectares. The largest gross cropped area irrigated by tanks was in Shivamogga (0.5 lakh hectares) followed by Hassan (0.3 lakh hectares) and least in Vijayapura (42 hectares). Net area irrigated by tanks in the State was 1.4 lakh hectares. The largest net area irrigated by tanks was in Shivamogga (0.45 lakh hectares) followed by Hassan (0.22 lakh hectares) and least in Vijayapura (42 hectares).

**(c) Area irrigated by Wells:** Gross cropped area irrigated by wells was 4.6 lakh hectares during 2012-13 as against 4.7 lakh hectares during 2011-12. The largest gross area irrigated was in Belagavi (1.6 lakh hectares) and Vijayapura (0.9 lakh hectares). Net area irrigated by wells was 4.1 lakh hectares as against 4.2 lakh hectares during 2011-12. The largest net area irrigated by wells was in Belagavi (1.4 lakh hectares) followed by Vijayapura (0.8 lakh hectares).

**(d) Area irrigated by Tube/Bore Wells:** Gross area irrigated through tube / bore wells was 15.9 lakh hectares during 2012-13 as against 15.4 lakh hectares during 2011-12. The largest gross area irrigated by tube / bore wells was in Belagavi (2.0 lakh hectares) followed by Tumkur (1.6 lakh hectares). The net area irrigated through the source tube/bore wells was 13.2 lakh hectares in 2012-13. The largest net area irrigated was in Belagavi 1.8 lakh hectares followed by Tumkur district (1.4 lakh hectares).

**(e) Area irrigated by Lift Irrigation:** Gross area irrigated under lift irrigation was 1.2 lakh hectares during 2012-13. The largest gross area irrigated was in Bellary (0.5 lakh hectares) followed by Belagavi (0.2 lakh hectares). Net area irrigated under lift irrigation scheme in the state was 1.0 lakh hectares during 2012-13. The largest net area irrigated was in Bellary (0.4 lakh hectares) followed by Belagavi (0.2 lakh hectares).

**(f) Area irrigated by other sources of Irrigation:** In the State, 3.5 lakh hectares of gross area and 3.2 lakh hectares of net area was irrigated by other sources of water like seepage, streams, ponds, river, pickups etc. The largest gross (1.3 lakh hect) and net (1.2 lakh hect) area was irrigated by Bagalkot District.

**5.4** District wise percentage of area irrigated through different sources of irrigation is given in **Annexure - 6**. Gross cropped area irrigated was 40.07 lakh hectares and net area irrigated was 34.2 lakh hectares in the State. Thus, the area irrigated more than once was 5.9 lakh hectares during 2012-13 as against 7.0 lakh hect area in 2011-12. The area irrigated more than once was largest in Bellary (0.84 lakh hectares) followed by Belagavi (0.58 lakh hectares) and least in Kodagu (30 hectares) during 2012-13.

## 6. Cropping Pattern:

6.1 During 2012-13 the net area cultivated in the State was 97,93,060 hectares and area sown more than once was 19,54,797 hectares totaling to 11,747,857 hectares as gross cropped area compared to 12,059,367 hectares during 2011-12. Gross cropped area was largest in Kalburgi district (8.0%) followed by Vijayapura (7.9%) and least in Bengaluru (Rural) (0.46%).

6.2 The gross cropped area under food crops was 88,70,038 hectares (75.5%) and that of non-food crops was 2,877,819 hectares (24.5%). It is observed that there is an decrease in area under both food and nonfood crops of about 2,21,196 & 90314 hectares respectively. Details of area under different crops and their percentage shares for the years 2012-13 and 2011-12 are given below in Table – 4

Table – 4

### Gross cropped area under different crops during the year 2012-13 and 2011-12

Sl. No.	Name of the Crop	2012-13		2011-12	
		Area (hect)	% to Total Gross Cropped Area	Area (hect)	% to Total Gross Cropped Area
<b>I Food crops</b>					
1	Paddy	1272873	10.83	1409916	11.7
2	Jowar	1260912	10.73	1133316	9.4
3	Bajra	274926	2.34	286244	2.4
4	Maize	1303791	11.10	1324598	11.0
5	Ragi	628421	5.35	667591	5.5
6	Wheat	225272	1.92	225472	1.9
7	Navane	8961	0.08	9673	0.1
8	Save	11035	0.09	12216	0.1
9	Haraka	27	Neg	17	Neg
10	Other MMs	694	0.01	275	Neg
<b>Total (1 to 10)</b>		<b>4986912</b>	<b>42.5</b>	<b>5069318</b>	<b>42.0</b>
11	Bengal gram	969081	8.25	802646	6.7
12	Tur	659146	5.61	766281	6.4
13	Horse gram	199980	1.70	177891	1.5
14	Black gram	109297	0.93	92119	0.8
15	Green gram	172388	1.47	290018	2.4
16	Avare	63864	0.54	66753	0.6
17	Cowpea	79976	0.68	86447	0.7
18	Other pulses	4722	0.04	9872	0.1
<b>Total (11to18)</b>		<b>2258454</b>	<b>19.22</b>	<b>2292027</b>	<b>19.0</b>
<b>Total food grains</b>		<b>7245366</b>	<b>61.67</b>	<b>7361345</b>	<b>61.0</b>

Sl. No.	Name of the Crop	2012-13		2011-12	
		Area (hect)	% to Total Gross Cropped Area	Area (hect)	% to Total Gross Cropped Area
<b>I Food crops</b>					
19	Sugarcane	649567	5.53	646908	5.4
20	Palm	298	Neg	421	Neg
21	Chillies	63541	0.54	100389	0.8
22	Cardamum	19354	0.16	19366	0.2
23	Arecanut	220663	1.88	215473	1.8
24	Fruits	353724	3.01	356634	3.0
25	Vegetables	232592	1.98	292022	2.4
26	Other food crops	84933	0.72	98676	0.8
<b>Total food crops (1 to 26)</b>		<b>8870038</b>	<b>75.50</b>	<b>9091234</b>	<b>75.4</b>
27	Ground nut	583915	4.97	668854	5.5
28	Sesamum	41503	0.35	59965	0.5
29	Safflower	48252	0.41	55288	0.5
30	Sunflower	509509	4.34	380329	3.2
31	Mustard	2652	0.02	4119	Neg
32	Linseed	6899	0.06	8523	0.1
33	Nigerseed	11498	0.10	18431	0.2
34	Soyabean	169569	1.44	190973	1.6
35	Castor	11294	0.1	16148	0.1
36	Other oilseeds	2851	0.02	3732	Neg
<b>Total (27 to 36)</b>		<b>1387942</b>	<b>11.81</b>	<b>1406362</b>	<b>11.7</b>
37	Coconut	440426	3.75	443384	3.7
38	Cotton	498353	4.24	568565	4.7
39	Mulberry	44581	0.38	46102	0.4
40	Tobacco	106470	0.91	111218	0.9
41	Other non food crops	400047	3.41	392502	3.3
<b>Total non food crops (27 to 41)</b>		<b>2877819</b>	<b>24.50</b>	<b>2968133</b>	<b>24.6</b>
<b>Total (1 to 41)</b>		<b>11747857</b>	<b>100.00</b>	<b>12059367</b>	<b>100.0</b>

(Neg =Negligible as it is less than 0.1%)

6.3 The area was increased in Jowar, Bengal Gram and Black Gram and decreased in all other cereals and pulses in 2012-13 compared to 2011-12. The area under sugarcane and Arecanut increased and area decreased in chillies, vegetables and all other food crops. Area under all oilseeds decreased except under Sunflower.

Area under other non food crops were lightly increased and coconut, cotton, tobacco, and mulberry decreased during 2012-13 compared to 2011-12. Area under some food and nonfood crops decreased due to untimely rain and change of crops and the area under some food and nonfood crops increased due to good demand and price in market and profitability. District wise area covered under food and non-food crops with their percentage to State's total are presented in **Annexure-7**.

### **7. Details of Crop wise Gross Area Irrigated:**

7.1 Totally, 40,71,125 hectares or 34.1 % of gross cropped area was irrigated in the State during 2012-13 as against 34.3 % during 2011-12. Paddy crop alone occupied 22.9 % of the Gross irrigated area. The other major crops irrigated (Gross) were Maize (11.7 %) and Sugarcane (16.2%). Totally 78.9% of the gross irrigated area was under food crops. In that 47.8 % of the area was under cereals and minor millet crops. 8.2% and 4.3% of the Gross irrigated area was under oilseeds and pulses respectively. Crop wise gross area irrigated during 2012-13 is given in Table - 5.

**Table – 5**

**Cropwise Gross Area Irrigated (GAI) during 2012-13 & 2011-12**

Sl. No	Name of the Crop	2012-13			2011-12		
		Gross area irrigated (in hectares)	% of crop area irrigated to		Gross area irrigated (in hectares)	% of crop area irrigated to	
			GAI of all crops	Gross area under crop		GAI of all crops	Gross Area under crop
<b>I Food crops</b>							
1	Paddy	918828	22.93	72.18	1060038	25.6	75.2
2	Jowar	145386	3.63	11.50	130064	3.1	11.5
3	Bajra	35434	0.88	12.89	31984	0.8	11.2
4	Maize	470570	11.74	36.09	519235	12.6	39.2
5	Ragi	48116	1.20	7.66	33411	0.8	5.0
6	Wheat	124298	Neg	55.18	126077	3.0	55.9
7	M Millets	693	Neg	3.34	196	Neg	0.9
<b>Total (1 to 7)</b>		<b>1743325</b>	<b>43.5</b>	<b>34.96</b>	<b>1901005</b>	<b>46.0</b>	<b>37.5</b>

Sl. No	Name of the Crop	2012-13			2011-12		
		Gross area irrigated (in hectares)	% of crop area irrigated to		Gross area irrigated (in hectares)	% of crop area irrigated to	
			GAI of all crops	Gross area under crop		GAI of all crops	Gross Area under crop
8	Bengalgram	118464	2.96	12.22	120962	2.9	15.1
9	Tur	33358	0.83	5.06	34100	0.8	4.5
10	Other Pulses	20120	0.50	3.19	19505	0.5	2.7
<b>Total ( 8 to 10)</b>		<b>171942</b>	<b>4.29</b>	<b>7. 61</b>	<b>174567</b>	<b>4.2</b>	<b>7.6</b>
<b>Total food grains (1 to 10)</b>		<b>1915267</b>	<b>47.79</b>	<b>26.43</b>	<b>2075572</b>	<b>50.2</b>	<b>28.2</b>
11	Sugarcane	649307	16.20	99.96	646810	15.6	100.00
12	Palm	86	Neg	28.86	207	Neg	49.2
13	Con.& spice	279194	6.97	71.87	294306	7.1	67.8
14	Fruits & vegetables	316450	7.90	53.97	317010	7.7	48.9
<b>Total food crops</b>		<b>3160304</b>	<b>78.87</b>	<b>35.63</b>	<b>3333905</b>	<b>80.6</b>	<b>36.7</b>
<b>II Non Food Crops</b>							
15	Groundnut	205748	5.13	35.24	184848	4.5	27.6
16	Castor	442	0.01	3.91	149	Neg	0.9
17	Sesamum	293	0.01	0.71	699	Neg	1.2
18	Mustard	173	Neg	6.52	447	Neg	10.9
19	Linseed	593	0.01	8.60	19	Neg	Neg
20	Safflower	1269	0.03	2.63	251	Neg	0.5
21	Sunflower	104400	2.61	20.49	99841	2.4	26.3
22	Soyabean	11913	0.30	7.03	15554	0.4	8.1
23	Nigerseed	282	0.01	2.45	51	Neg	0.3
24	Other Oil Seeds	1401	0.03	49.14	2464	Neg	66.0
<b>Total Oil Seeds</b>		<b>326514</b>	<b>8.15</b>	<b>23.53</b>	<b>304323</b>	<b>7.4</b>	<b>21.6</b>
25	Coconut	236235	5.90	53.64	252389	6.1	56.9
26	Cotton	187965	4.69	37.72	148024	3.6	26.0
27	Tobacco	11843	0.30	11.12	14851	0.4	13.4
28	Mulberry	42065	1.05	94.36	43257	1.0	93.8
29	Other non food crops	42199	1.05	10.55	40115	1.0	10.2
<b>Total non food crops</b>		<b>846821</b>	<b>21.13</b>	<b>29.43</b>	<b>802959</b>	<b>19.4</b>	<b>27.1</b>
<b>All crops (Total)*</b>		<b>4007125</b>	<b>100.00</b>	<b>34.11</b>	<b>4136864</b>	<b>100.00</b>	<b>34.3</b>

(Neg: Negligible as it is less than 0.1%)

## 8. Area, Production and Productivity of Crops:

Production estimates are prepared in respect of 60 principal crops taking into account the area as recorded in reconciliation of crop area statistics and Annual season and crop statistics Report and the yield rate obtained on the basis of the results of crop cutting experiments. In respect of fruit and vegetable crops, yield rates as per the results of crop cutting experiments conducted under the scheme "Crop Estimation Survey on Fruit and Vegetable Crops" are taken into account. For the calculation of production estimates of crops for which no crop cutting experiments were conducted, the yield rates were calculated through oral enquiry of farmers for Nigerseed, Mustard, Papaya, Coconut, Dry Ginger, Cardamom, Garlic, Blackpepper, Coriander, Korle, Madaki, Peas, Cashewnut, Arecanut, Topioca, Sweetpotato and Mesta and by traditional method for Haraka, Baragu and Sunhemp. The area under unauthorized cultivation is also taken care for estimation of production. The cropwise details are as follows.

### 8.1 Cereals and Minor Millets:

8.1.1 Paddy, Jowar, Ragi, Bajra, Maize and Wheat are the important cereals and navane, save are the minor millets grown in the State. Total of these cover 50.3 lakh hectares of the total cropped area in the State during the year under review as against 51.2 lakh hectares during 2011-12. Area, production and productivity of these crops during 2012-13 and 2011-12 are presented in Table - 6.

Table – 6

#### Area, Production and Productivity of Cereals and Minor Millets

Sl. No.	Crop	Area* (lakh hectares)		Production (lakh tonnes)		Productivity (kgs per hectare)	
		2012-13	2011-12	2012-13	2011-12	2012-13	2011-12
1	Rice	12.8	14.2	35.5	41.8	2922	3108
2	Jowar	12.6	11.3	11.7	10.1	977	939
3	Ragi	6.4	6.8	8.6	11.5	1404	1784
4	Bajra	2.8	2.9	2.5	2.6	946	958
5	Maize	13.2	13.5	32.2	38.9	2562	3033
6	Wheat	2.3	2.3	1.9	2.0	909	938
<b>Total Cereals</b>		<b>50.1</b>	<b>51.0</b>	<b>92.4</b>	<b>106.9</b>	<b>1941</b>	<b>2211</b>
7	Navane	0.1	0.1	0.03	0.03	280	326
8	Save	0.1	0.1	0.06	0.09	531	766
<b>Total MMs</b>		<b>0.2</b>	<b>0.2</b>	<b>0.09</b>	<b>0.13</b>	<b>421</b>	<b>573</b>
<b>Total Cereals and MMs</b>		<b>50.3</b>	<b>51.2</b>	<b>92.5</b>	<b>107.1</b>	<b>1936</b>	<b>2204</b>

MM - minor millets. Totals may not tally due to rounding off of the figures

\* - Area in this table includes unauthorized cultivation area also.

8.1.2 Total area covered under cereal crops and minor millets are decreased from 51.2 to 50.3 lakh hectares compared to previous year. Among Cereals, Maize crop alone covered 13.2 lakh hectares followed by paddy 12.8 lakh hectares. The area of Cereals and Minor millets was largest in Vijayapura (4.1 lakh hectares) followed by Belagavi (3.7 lakh hectare) and Davangere (3.3 lakh hectares).

8.1.3 During 2012-13 the total production of cereals and minor millets was 92.5 lakh tonnes as against 107.1 lakh tonnes during 2011-12. The yield rate decreased from 2204 to 1936 kgs per hectare compared to previous year. Production of Cereals and Minor millets was highest in Davangere (9.2 lakh tonnes) followed by Raichur (6.8 lakh tonnes). The yield of cereals and minor millets was highest in Shivamogga (3360 kgs per hect) followed by Davangere (2924 kgs per hectare) and lowest in Dharwad (833 kgs per hectare).

## 8.2 Pulses:

8.2.1 Bengalgram, Tur, Horsegram, Blackgram, Greengram, Cowpea and Avare are the principal pulses cultivated in the State. Compared to previous year, area of pulses decreased from 23.0 to 22.6 lakh hectares. The yield of Bengal Gram, Tur, Black Gram, Green Gram and other pulses increased, and that of all other pulses (Horse Gram, Avare, Cowpea) are decreased. Crop wise details are seen in Table-7.

**Table-7**  
**Area, Production and Productivity of Pulses**

Sl. No.	Crop	Area *		Production		Productivity	
		(lakh hectares)	(lakh hectares)	(lakh tonnes)	(lakh tonnes)	(Kgs per hectare)	(Kgs per hectare)
		2012-13	2011-12	2012-13	2011-12	2012-13	2011-12
1	Bengal Gram	9.7	8.0	5.8	3.6	627	470
2	Tur	6.6	7.7	4.6	3.5	736	482
3	Horsegram	2.0	1.8	0.7	0.9	389	547
4	Blackgram	1.1	0.9	0.5	0.4	529	399
5	Greengram	1.7	2.9	0.6	0.7	349	270
6	Avare	0.6	0.7	0.6	0.7	980	1112
7	Cowpea	0.8	0.9	0.2	0.4	274	513
8	Others	0.1	0.1	0.03	0.03	416	262
<b>Total</b>		<b>22.6</b>	<b>23.0</b>	<b>13.1</b>	<b>10.2</b>	<b>608</b>	<b>472</b>

\* - Area includes unauthorized cultivation area also

8.2.2 The area of pulses was decreased from 23.00 to 22.65 lakh hectares compared to previous year. Area under pulses was largest in Kalburgi (5.5 lakh hectares) followed by Vijayapura (2.7 lakh hectares).

8.2.3 The production and productivity of pulses were increased from 10.2 to 13.1 lakh tonnes and 472 to 608 Kgs/ hectare compared to 2011-12. The production recorded highest under pulses in Kalburgi (4.0 lakh tonnes) followed by Bidar (1.8 lakh tonnes). Yield of pulses was highest in Kolar (1703 kgs per hect) followed by Bidar (911 kgs per hect) and lowest in Hassan (220 kgs per hect).

### **8.3 Total Food grains:**

8.3.1 The total area under food grains in the State was 72.9 lakh hectares during 2012-13 as against 74.1 during 2011-12. This area was largest in Kalburgi (7.9 lakh hectares) followed by Vijayapura (6.9 lakh hectares) and least in Bengaluru (Urban) (0.3 lakh hectares).

8.3.2 Total food grains production in the State was 105.6 lakh tonnes during 2012-13 as against 117.4 lakh tonnes during 2011-12. The highest production was in Davanagere (9.3 lakh tonnes) followed by Raichur (7.8 lakh tonnes) and the lowest in Bengaluru (Urban) (0.6 lakh tonnes).

8.3.3 The yield rate of food grains of Karnataka State was 1524 kgs per hectares and it was highest in Shivamogga (3328 kgs per hect) followed by Davanagere (2834 kgs per hect) and lowest in Dharwad (648 kgs per hect). Districtwise details are in Annexure - 8.

### **8.4 Oilseeds:**

8.4.1 The important oilseed crops grown in the State are Groundnut, Sunflower, Safflower, Sesamum, Castor, Linseed, Soya bean, Mustard and Niger seed. Total area under oilseeds in the State was 13.9 lakh hectares during 2012-13 as against 14.1 during 2011-12. Crop wise area, production and productivity of oilseed crops are given in Table- 8.

**Table- 8**  
**Area, Production and Productivity of Oil Seeds**

Sl. No.	Crop	Area *		Production		Productivity	
		(lakh hectares)	(lakh hectares)	(lakh tonnes)	(lakh tonnes)	(Kgs per hectares)	(Kgs per hectares)
		2012-13	2011-12	2012-13	2011-12	2012-13	2011-12
1	Groundnut	5.9	6.8	3.6	4.4	634	679
2	Sunflower	5.1	3.8	2.1	1.7	437	462
3	Safflower	0.5	0.6	0.3	0.3	697	648
4	Sesamum	0.4	0.6	0.1	0.3	339	530
5	Castor	0.1	0.2	0.1	0.1	690	883
6	Linseed	0.1	0.1	0.01	0.02	179	258
7	Soyabean	1.7	1.9	1.8	1.9	1097	1063
8	Rape & Mustard	0.03	0.04	0.01	0.01	303	289
9	Niger seed	0.1	0.2	0.02	0.05	204	275
<b>Total</b>		<b>13.9</b>	<b>14.1</b>	<b>8.0</b>	<b>8.8</b>	<b>606</b>	<b>658</b>

Neg – negligible \* - Area includes unauthorized cultivation area also



8.4.2 Compared to 2011-12, the area under Total Oilseeds has decreased from 14.1 to 13.9 lakh hectares. The area is increased under sunflower, decreased under all oil seeds. The largest area registered in Chitradurga (1.3 lakh hectares) followed by Vijayapura (1.2 lakh hectares).

8.4.3 Total production of oilseeds decreased during the year 2012-13 compared to 2011-12, from 8.8 to 8.0 lakh tonnes. The total production of oilseeds was highest in Bidar (1.3 lakh tonnes) followed by Belagavi (0.8 lakh tonnes). The average yield was highest in Udupi (1602 kgs per hectare). District wise details are given in Annexure-8. The Bar chart showing the Area, Production and Productivity of Cereals & Minor Millets, Pulses, Food grains and Oilseeds for the year 2012-13 and 2011-12 are given in Annexure 8.1.1, 8.1.2, and 8.1.3.

### **8.5 Commercial Crops:**

8.5.1 Cotton, Sugarcane and Tobacco are the important commercial crops grown in the State. Table – 9, gives the three dimensional details.

**Table - 9**  
**Area, Production and Productivity of Commercial Crops**

Sl. No.	Crop	Area # (Lakh hectares)		Production (lakh tonnes)		Productivity (Kgs per hectares)	
		2012-13	2011-12	2012-13	2011-12	2012-13	2011-12
1	Cotton	5.0	5.7	11.3*	12.0*	405	378
2	Sugarcane (H)	4.3	4.3	356.9	394.7	88**	96**
3	Tobacco	1.1	1.1	0.7	1.0	649	964

Note: \*Production of Cotton in lakh bales of 170 kgs in lint form,

\*\*Productivity of Sugarcane in tonnes per hectare

# - Area includes unauthorized cultivation also

8.5.2 The Area, of sugarcane and tobacco remains the same and decreased in cotton. The production and productivity of these three commercial crops decrease except productivity of cotton during the year compared to previous year.

### **8.6 Horticulture Crops:**

8.6.1 The important horticulture crops of the State are Mango, Banana, Grapes, Guava, Sapota, Papaya, Lemon, Cashewnut, Coconut, Tapioca, Sweet potato, Onion, Potato, Chillies, Tomato, Brinjal, Beans, Turmeric etc. Table-10 contains data on Area, production and yield of horticulture crops.

Table – 10

## Area, Production and Productivity of Horticulture Crops

Sl. No.	Crop	Area (000 hectares)		Production (000 tonnes)		Productivity (Kgs per hectares)	
		2012-13	2011-12	2012-13	2011-12	2012-13	2011-12
1	Mango	144.7	142.5	761.9	798.3	5263	5600
2	Banana	67.8	69.3	1764.3	1730.5	26019	24987
3	Grapes	18.1	18.4	811.5	789.9	44738	42826
4	Guava	4.4	4.7	26.4	41.1	5943	8648
5	Sapota	17.9	19.6	100.7	111.0	5613	5659
6	Papaya	3.4	3.4	167.4	178.7	49742	52322
7	Cashewnut-Raw	63.8	63.2	56.8	50.6	899	809
	Cashewnut-Processed	63.8	63.2	14.2	12.7	225	202
8	Pomogranate	12.6	13.1	163.9	165.3	13051	12591
9	Lemon	9.1	9.5	40.4	85.9	4445	9048
10	Coconut @	441.0	443.8	3459.8	4411.6	7924	10042
11	Tapioca	0.9	0.9	7.8	9.1	8829	10661
12	Sweet Potato	3.5	1.8	50.8	26.8	14879	14719
13	Onion	83.4	153.8	465.6	805.0	5875	5509
14	Potato	34.9	38.4	309.9	347.9	9353	9544
15	Tomato	41.2	36.6	491.3	461.2	11916	12616
16	Brinjal	13.5	12.8	187.7	168.7	13919	13165
17	Beans	7.1	6.3	62.8	53.9	8788	8613
18	Turmeric	19.7	25.5	92.4	128.2	4693	5023
19	Cabbage	6.2	5.4	125.3	99.1	20085	18359

@ Production:1000 nuts, Yield: Nuts per hectare

8.6.2 Area under Mango, Cashewnut, Sweet Potato, Tomato, Brinjal, Beans and Cabbage increased Banana, Grapes, Guava, Sapota, Pomogranate, Coconut, Lemon, Onion, Potato and Turmeric decreased and area remains same under Papaya and Tapioca during 2012-13 compared to 2011-12, Production of Banana, Grapes, Cashewnut, Sweet Potato, Tomato, Brinjal, Beans and Cabbage increased all other crops decreased, Yield of Grapes, Cashewnut, Pomogranate, Sweet Potato, Onion, Brinjal, Beans and Cabbage increased all other crops decreased.

### 8.7 Condiments and Spice Crops:

8.7.1 Dry Chillies, Dry Ginger, Cardamom, Garlic, Black Pepper, Arecanut and Coriander are the important Condiment and Spice crops of Karnataka. The area of condiments and spice crops increased except Dry Chillies, Dry Ginger, Cardamom and Garlic compared to 2011-12.

8.7.2 Production of Dry Chillies, Dry Ginger and Garlic decreased Pepper, Arecanut and Coriander increased and remains same under cardamom. Yield of all Condiments and Spices increased except Dry Ginger and Coriander. Area Production and Productivity of condiments and spices are given in Table - 11.

**Table – 11**

#### Area, Production and Productivity of Condiments & Spices

Sl. No.	Crop	Area (Thousand hecets)		Production (Thousand tones)		Productivity (Kgs per hect)	
		2012-13	2011-12	2012-13	2011-12	2012-13	2011-12
1	Dry Chillies	63.6	100.4	75.9	106.5	1251	1116
2	Dry Ginger	16.5	29.4	44.2	93.5	2703	3214
3	Cardamom	19.3	19.4	1.6	1.6	84	83
4	Garlic	4.2	5.1	5.6	6.4	1336	1261
5	Pepper	26.8	21.7	12.0	6.1	453	286
6	Arecanut-Raw	221.3	216.2	2243.6	1750.6	10239	8180
	Arecanut-Processed	221.3	216.2	448.7	350.1	2048	1636
7	Coriander	4.2	3.0	1.3	1.2	314	410

### 9. Index Number of Area, Production and Productivity of Crops:

9.1 The index numbers of area, production and productivity (with 1981-82 as base year) for the year 2012-13 and 2011-12 were compiled for 38 crops. Sub group wise details are given in Table - 12.

**Table – 12**

#### Index Numbers of Area, Production and Productivity

(Base year :1981-82)

Sl. No.	Crop	Area		Production		Productivity	
		2012-13	2011-12	2012-13	2011-12	2012-13	2011-12
1	Cereals	84.7	86.1	150.1	172.4	117.6	129.7
2	Pulses	145.6	147.8	453.3	306.1	136.3	103.8
3	Food grains	97.3	98.9	188.8	189.5	120.2	126.2

Sl. No.	Crop	Area		Production		Productivity	
		2012-13	2011-12	2012-13	2011-12	2012-13	2011-12
4	Oilseeds	79.5	97.3	112.3	139.9	126.2	102.7
5	Fibres	46.5	53.4	151.7	162.0	327.8	305.6
6	Plantation crops	123.0	123.0	152.0	152.0	144.3	144.3
7	Condiments and spices	150.2	168.8	429.1	512.6	152.4	200.1
8	Fruits & vegetables	230.0	296.4	613.4	633.8	266.1	245.2
9	Misc.crops	236.0	242.7	260.2	300.3	100.6	146.8
10	Non – Food crops	91.6	106.0	243.1	272.5	167.8	177.2
<b>All Crops</b>		<b>95.6</b>	<b>101.1</b>	<b>208.0</b>	<b>218.8</b>	<b>140.7</b>	<b>148.5</b>

#### 10. Price Trend:

10.1 The wholesale and retail prices of important crops were collected fortnightly by the District Statistical Officer from the head quarter Agriculture Produce Marketing Committees of Agricultural Marketing Department based on which annual average wholesale and retail prices of selected commodities are worked out and presented in Table - 13.

**Table – 13**

#### **Annual Wholesale & Retail Prices of important commodities for 2012-13 & 2011-12**

Sl. No	Commodities	Wholesale Prices (Rs.Per Quintal)			Retail Prices(Rs.Per Kg)		
		2012-13	2011-12	%	2012-13	2011-12	%
1	Rice (Coarse)	2070	1652	25.30	24.00	19.00	26.32
2	Jowar (white)	2120	1934	9.62	24.00	22.00	9.09
3	Bajra	1410	1318	6.98	17.00	16.00	6.25
4	Ragi	1744	1138	53.25	21.00	13.00	61.54
5	Maize	1292	1085	19.08	15.00	13.00	15.38
6	Wheat	2187	1853	18.02	24.00	21.00	14.29
7	Gram	4601	3626	26.89	49.00	38.00	28.95
8	Turdhal	6679	6115	9.22	70.00	64.00	9.38
9	Horsegram	2676	1718	55.76	31.00	20.00	55.00
10	Blackgram	4647	4535	2.47	51.00	48.00	6.25
11	Greengram	6187	5331	16.06	66.00	56.00	17.86
12	Potato	1613	1189	35.66	20.00	16.00	25.00
13	Onion	1412	971	45.42	19.00	13.00	46.15
14	Dry Chillies (Byadagi)	10042	9479	5.94	116.00	98.00	18.37

Source : SIP, Division, DES

10.2 The annual average wholesale prices of all commodities are in increasing trend. The wholesale prices varied from 2.47% for Black Gram to 55.76% for Horse Gram.

10.3 During 2012-13 the annual average retail prices, of all commodities are in increasing trend. The retail prices varied from 6.25% for Bajra and Black Gram to 61.54% for Ragi.

### 11. Farm Harvest Prices:

11.1 The farm harvest prices of agriculture produce were collected in order to gauge the price levels which prevailed during the peak harvesting period. These prices for important crops for the year 2012-13 and 2011-12 are presented in Table - 14.

**Table – 14**

#### **Farm Harvest Prices\* of Important agriculture crops for 2012-13 & 2011-12**

Sl. No	Commodities	State's average farm harvest prices (Rs.per quintal)		
		2012-13	2011-12	% variation
1	Paddy	1515	1092	38.75
2	Jowar(Kharif)	1326	1378	-3.77
3	Jowar (Rabi)	1632	2190	-25.48
4	Ragi	1793	1024	75.10
5	Maize	1361	1066	27.67
6	Bajra	1267	978	29.50
7	Wheat	1904	1686	12.93
8	Bengalgram	3440	3510	-1.99
9	Tur	3469	3604	-3.75
10	Horsegram	2150	1404	53.13
11	Greengram	4323	3894	11.02
12	Blackgram	3585	3246	10.44
13	Drychillies	7504	7831	-4.18
14	Groundnut	3977	3405	16.80
15	Sesasm	5664	4081	38.79
16	Castor	2676	3368	-20.55
17	Linseed	3330	2888	15.30
18	Sugarcane	245	200	22.50
19	Tobacco	10819	9432	14.71
20	Coconut	5792	6698	-13.53
21	Potato	1217	956	27.30
22	Onion	1331	939	41.75
23	Cotton	4206	3872	8.63

Source : SIP Division, DES

\* = based on season wise reports \*\* = 1000 nuts

11.2 The prices of all commodities except Jowar (Kharif), Jowar (Rabi), Black gram, Tur, Dry Chillies, Castor, and Coconut showed an increasing trend during 2012-13 over 2011-12.

**12. Index Number of Farm Harvest Prices:**

12.1 The index number of farm harvest prices were calculated for 19 crops under the sub-groups viz., cereals, pulses, food crops, oilseeds, fibres and miscellaneous crops in the State with triennium ending 1961-62 as base year. The details for 2012-13 and 2011-12 are presented in Table - 15.

**Table – 15**

**Index Number of Farm Harvest Prices for 2012-13 & 2011-12**

**(Base Year : 1961-62)**

Sl.No	Sub-groups	Index Number		
		2012-13	2011-12	% variation
1	Cereals	3926	3092	26.97
2	Pulses	8726	8363	4.34
3	Food Crops	4094	3278	24.89
4	Oil Seeds	7066	5859	20.6
5	Fibres	4609	4195	9.87
6	Miscellaneous Crops	5719	4681	22.17
7	Non food Crops	5757	4747	21.28
<b>All Commodities</b>		<b>5076</b>	<b>4145</b>	<b>22.46</b>

Source : SIP Division, DES

12.2 The index numbers of all sub groups increased during 2012-13. It was highest in respect of cereals followed by Food crops.

**13. Consumer Price Index Numbers for Agricultural Labourers:**

13.1 The consumer price index number of agricultural labourers for food groups stood at 711 points and the general index at 702 points in July 2012. At the end of the year i.e., in June 2013, the number was 835 for food group and 808 for general group. Table – 16 provides these index numbers month wise, for 2012-13.

**Table – 16**

**Consumer Price Index Number of Agricultural Labourers in Karnataka 2012-13**

Month	Food	General
July, 2012	711	702
August, 2012	716	706
September, 2012	727	713
October, 2012	736	725
November, 2012	753	739
December, 2012	763	746
January, 2013	774	758
February, 2013	784	765
March, 2013	784	767
April, 2013	793	775
May, 2013	815	792
June, 2013	835	808

Source : SIP Division, DES

**14. Agriculture Wages:**

14.1 The districtwise, class wise, details of agricultural wages for the year 2012-13 are given in Annexure - 9. There was an increase in the wages of Carpenter, Blacksmith Mochis during the year 2012-13 compared to 2011-12. The wages of skilled labourers and agricultural laborers in dry land, wet land and garden land has increased in 2012-13 compared to that of 2011-12. The state average wage of Carpenters, Black smiths and Mochis has increased by 26.0%, 26.4% and 23.6% respectively during 2012-13. The increase in wages during 2012-13 compared to 2011-12 is seen in Table -17. It may be observed that the wages of women is lower than that of their counterparts in all the categories. District-wise details are in Annexure-9

**Table – 17**

**Agriculture Labourers Wages - State Average for the year 2012-13**

Category	Sex	Dry Land		% of increase	Wet Land		% of increase	Garden Land		% of increase
		2012-13	2011-12		2012-13	2011-12		2012-13	2011-12	
A	M	254	213	19.2	252	212	18.9	249	216	15.3
	F	155	129	20.2	156	131	19.1	159	130	22.3
B	M	194	166	16.9	204	169	20.7	208	168	23.8
	F	147	127	15.7	153	128	19.5	154	128	20.3

Category	Sex	Dry Land		% of increase	Wet Land		% of increase	Garden Land		% of increase
		2012-13	2011-12		2012-13	2011-12		2012-13	2011-12	
C	M	147	121	21.5	146	113	29.2	141	115	22.6
	F	119	102	16.7	120	100	20.0	119	101	17.8
D	M	247	199	24.1	238	200	19.0	241	200	20.5
	F	166	147	12.9	176	142	23.9	172	153	12.4

**Note:** A - Labourers at the time of ploughing, digging, Horrowing, sowing, interculturing, watering and uprooting.

B - Labourers at the time of manuring, transplanting, weeding, reaping and picking.

C - Activities like cattle, sheep and goat grazing.

D - Harvesting in areca coconut, peeling of coconuts, arecanuts, trimming spraying in areca coconut gardens and any other operations relating to arecanut and coconut gardens.

### 15. Livestock Census:

15.1 The data collected on quinquennial census during 2012 on livestock and agricultural machinery are given in Annexure - 10. During livestock census 2012, compared to livestock census 2007, the total livestock population was decreased by 11.8%, out of which cattle's share was -9.43% and that of buffaloes was 19.8%. During the same period the number of sheeps, Horses & Ponies, mules and Poultry registered an increase of 0.19%, 16.75%, 440.43% and 25.94% respectively but showed a decline to the extent of -22.1% in the number of Goats, -37.5% in Donkeys and - 24.9% in Camels.

Due to use of mechanized implements in live stock sector, the Agricultural implements both human and animal operated are too less in the field. So, that is not available in **19<sup>th</sup> Live Stock Census, 2012**. No of equipments used in live stock sector is seen in Annexure-10.

\* \* \*



# **ANNEXURE**



**ANNEXURE : 1**

DISTRICTWISE NORMAL AND ACTUAL RAINFALL DURING 2012-13 (in mms)																				
SI No	DISTRICTS	KHARIF 2012 - 2013																		
		Apr			May			Jun			July			August			April to August			
		N	A	CI	N	A	CI	N	A	CI	N	A	CI	N	A	CI	N	A	CI	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	BAGALKOTE	23	28	E	57	11	S	72	32	D	74	50	D	68	67	N	294	188	D	
2	B'LORE(R)	37	28	D	103	87	N	64	12	S	95	57	D	118	100	N	417	284	D	
3	B'LORE(U)	32	20	D	81	11	S	59	11	S	92	68	D	109	130	N	373	240	D	
4	BELGAUM	31	28	N	78	33	D	121	82	D	212	195	N	127	201	E	569	539	N	
5	BELLARY	26	59	E	64	7	S	67	14	S	77	48	D	82	86	N	316	214	D	
6	BIDAR	20	18	N	31	11	S	132	169	E	191	165	N	195	116	D	569	479	N	
7	BIJAPUR	18	20	N	44	58	E	89	35	S	87	78	N	86	63	D	324	254	D	
8	CHAMARAJANAGAR	58	80	E	134	38	S	45	7	S	63	26	D	62	43	D	362	194	D	
9	CHICKBALLAPUR	24	52	E	69	77	N	52	33	D	79	67	N	94	120	E	318	349	N	
10	CHIKMAGALUR	60	158	E	110	41	S	368	198	D	696	317	D	426	523	E	1660	1237	D	
11	CHITRADURGA	26	127	E	70	31	D	44	14	S	53	35	D	54	134	E	247	341	E	
12	D.KANNADA	46	112	E	173	8	S	857	743	N	1074	683	D	749	1163	E	2899	2709	N	
13	DAVANAGERE	34	111	E	76	30	S	67	36	D	101	61	D	79	117	E	357	355	N	
14	DHARWAR	46	52	N	88	30	S	108	47	D	149	84	D	101	88	N	492	301	D	
15	GADAG	33	42	E	76	30	S	80	22	S	72	44	D	74	5	S	335	143	D	
16	GULBARGA	19	29	E	37	12	S	120	87	D	158	145	N	165	132	D	499	405	N	
17	HASSAN	51	168	E	97	42	D	157	95	D	302	231	D	198	352	E	805	888	N	
18	HAVERI	41	93	E	83	47	D	109	46	D	173	77	D	111	90	N	517	353	D	
19	KODAGU	84	135	E	162	28	S	503	295	D	835	479	D	556	615	N	2140	1552	D	
20	KOLAR	22	77	E	68	100	E	44	37	N	66	143	E	74	95	E	274	452	E	
21	KOPPAL	21	36	E	53	13	S	66	18	S	79	48	D	87	71	N	306	186	D	
22	MANDYA	42	109	E	108	41	S	43	10	S	49	28	D	52	43	N	294	231	D	
23	MYSORE	59	104	E	124	55	D	69	36	D	102	33	S	67	73	N	421	301	D	
24	RAICHUR	18	10	D	117	10	S	60	21	S	79	78	N	100	59	D	374	178	D	
25	RAMANAGAR	43	50	N	39	58	E	78	10	S	112	51	D	119	87	D	391	256	D	
26	SHIMOGA	30	16	D	85	16	S	465	359	D	888	603	D	591	884	E	2059	1878	N	
27	TUMKUR	25	100	E	77	43	D	46	10	S	58	34	D	62	118	E	268	305	N	
28	UDUPI	28	59	E	171	13	S	1080	1071	N	1318	914	D	913	1477	E	3510	3534	N	
29	U.KANNADA	25	53	E	119	13	S	698	460	D	988	717	D	598	832	E	2428	2075	N	
30	YADGIR	20	28	E	35	14	S	115	80	D	156	151	N	157	81	D	483	354	D	
<b>AVERAGE RAINFALL</b>		<b>38</b>	<b>73</b>	<b>E</b>	<b>93</b>	<b>31</b>	<b>S</b>	<b>191</b>	<b>156</b>	<b>N</b>	<b>302</b>	<b>233</b>	<b>D</b>	<b>215</b>	<b>322</b>	<b>E</b>	<b>839</b>	<b>815</b>	<b>N</b>	

**ANNEXURE : 1 (contd)**

DISTRICTWISE NORMAL AND ACTUAL RAINFALL DURING 2012-13 (in mms)

RABI 2012-13														
September			Oct			Nov			Dec			Sept to December		
N	A	CI	N	A	CI	N	A	CI	N	A	CI	N	A	CI
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
144	48	S	102	100	N	28	37	E	7	0	S	281	185	D
177	38	S	156	73	D	52	81	E	16	12	D	401	204	D
154	40	S	148	63	D	44	101	E	11	10	N	357	214	D
114	105	N	109	81	D	35	26	D	6	3	D	264	215	N
138	58	D	106	38	S	30	83	E	10	0	S	284	179	D
187	129	D	81	98	E	19	24	E	7	0	S	294	251	N
167	66	S	100	138	E	24	27	N	7	0	S	298	231	D
107	32	S	150	120	D	62	62	N	28	9	S	347	223	D
146	67	D	142	85	D	46	95	E	14	4	S	348	251	D
169	161	N	163	50	S	53	97	E	11	0	S	396	308	D
107	58	D	107	28	S	31	92	E	9	0	S	254	178	D
295	422	E	214	144	D	80	87	N	18	4	S	607	657	N
108	57	D	109	29	S	37	123	E	6	0	S	260	209	D
121	85	D	112	67	D	41	68	E	7	6	N	281	226	D
140	50	S	111	36	S	32	121	E	7	0	S	290	207	D
197	86	D	103	84	N	21	20	N	5	0	S	326	190	D
122	157	E	148	40	S	50	52	N	10	2	S	330	251	D
98	62	D	110	42	S	43	94	E	7	0	S	258	198	D
223	253	N	205	91	D	77	91	N	18	6	S	523	441	N
130	41	S	126	148	N	52	98	E	17	17	N	325	304	N
145	62	D	106	51	D	22	83	E	6	0	S	279	196	D
121	61	D	154	97	D	50	52	N	16	6	S	341	216	D
91	55	D	142	93	D	46	37	D	13	5	S	292	190	D
164	68	D	166	47	S	51	42	N	14	0	S	395	157	S
155	26	S	102	84	N	20	72	E	5	10	E	282	192	D
180	281	E	131	65	D	38	70	E	5	0	S	354	416	N
135	54	S	124	34	S	39	77	E	9	1	S	307	166	D
435	519	N	208	112	D	77	98	E	15	2	S	735	731	N
253	313	E	140	94	D	50	44	N	10	1	S	453	452	N
191	83	D	116	91	D	23	17	D	5	0	S	335	191	D
<b>153</b>	<b>135</b>	<b>N</b>	<b>137</b>	<b>76</b>	<b>D</b>	<b>45</b>	<b>65</b>	<b>E</b>	<b>11</b>	<b>3</b>	<b>S</b>	<b>346</b>	<b>279</b>	<b>N</b>

**ANNEXURE : 1 (contd)**

DISTRICTWISE NORMAL AND ACTUAL RAINFALL DURING 2012-13 (in mms)

SUMMER 2012-13												Annual 2012-13		
Jan			Feb			Mar			Jan to March			Apr 2012 to March2013		
N	A	CI	N	A	CI	N	A	CI	N	A	CI	N	A	CI
36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
2	0	S	2	0	S	5	0	S	9	0	S	584	373	D
1	0	S	3	3	N	6	1	S	10	4	S	828	492	D
2	0	S	7	4	D	8	1	S	17	5	S	747	459	D
1	0	S	1	3	E	7	3	D	10	6	D	843	760	N
1	0	S	2	4	E	3	1	S	6	5	N	606	398	D
5	0	S	8	10	E	11	3	S	24	13	D	887	743	N
2	1	D	3	2	D	6	2	S	11	5	D	633	490	D
3	0	S	6	0	S	12	3	S	21	3	S	730	420	D
2	0	S	3	5	E	6	1	S	12	6	D	678	606	N
2	0	S	2	20	E	12	21	E	16	41	E	2072	1586	D
1	0	S	1	5	E	4	5	N	7	10	E	508	529	N
3	0	S	2	19	E	9	33	E	13	52	E	3519	3418	N
1	2	E	1	2	E	4	10	E	6	14	E	623	578	N
3	2	D	4	3	D	8	13	E	14	18	E	787	545	D
1	0	S	1	0	S	4	7	E	7	7	N	632	357	D
3	0	S	4	10	E	8	1	S	15	11	D	840	606	D
2	1	D	2	14	E	8	41	E	11	56	E	1146	1195	N
1	16	E	1	0	S	5	4	D	6	20	E	781	571	D
4	0	S	5	20	E	19	48	E	27	68	E	2690	2061	D
2	2	N	4	0	S	8	2	S	14	4	S	613	760	E
1	0	S	1	2	E	2	0	S	3	2	D	588	384	D
2	0	S	4	8	E	8	8	N	14	16	N	649	463	D
3	0	S	4	4	N	11	6	D	17	10	D	730	501	D
2	2	E	2	7	E	4	0	S	7	9	E	776	344	D
1	0	S	5	0	S	10	2	S	16	2	S	689	450	D
1	0	S	0	10	E	5	2	D	6	12	E	2419	2306	N
1	0	S	2	4	E	6	2	S	10	6	D	585	477	N
2	4	E	1	8	E	5	5	N	8	17	E	4253	4282	N
1	4	E	0	10	E	3	2	D	4	16	E	2885	2543	N
4	0	S	4	4	N	6	0	S	13	4	S	831	549	D
<b>2</b>	<b>1</b>	<b>D</b>	<b>3</b>	<b>7</b>	<b>E</b>	<b>8</b>	<b>8</b>	<b>N</b>	<b>13</b>	<b>16</b>	<b>E</b>	<b>1198</b>	<b>1110</b>	<b>N</b>

## ANNEXURE -2

## CLASSIFICATION OF TOTAL GEOGRAPHICAL AREA IN KARNATAKA, 2012-13

(Area in Hectares)

Sl. No.	District	Geographical Area		Classification of Area			
		Professional Survey	Village Papers	Forest	Not Available for Cultivation		Cultivable Waste
					Land put to Non-agricultural uses	Barren & Uncultivable Land	
1	2	3	4	5	6	7	8
1	BAGALKOT	658877	658877	81126	28832	24810	2035
2	BANGALORE(U)	217410	217410	5055	115852	4911	3863
3	BANGALORE(R)	229519	229519	11322	39978	11124	3898
4	BELGAUM	1344382	1344382	190424	69815	44342	11465
5	BELLARY	813196	813196	97017	110291	53477	24839
6	BIDAR	541765	541765	27707	22006	19127	19382
7	BIJAPUR	1053471	1053471	1977	36133	29059	5502
8	CHAMARAJANAGAR	569901	569901	275610	24611	21434	7637
9	CHIKKABALLAPURA	404501	404501	49704	31933	34302	4743
10	CHICKMAGALUR	722075	722075	202028	43285	28322	19322
11	CHITRADURGA	770702	770702	73719	51243	25403	21612
12	D.KANNADA	477381	477381	128476	66366	58780	30295
13	DAVANGERE	597597	597597	89918	39258	20533	8525
14	DHARWAD	427329	427329	35235	23313	3985	2669
15	GADAG	465715	465715	32614	10481	11628	1010
16	GULBARGA	1094120	1094120	35316	38420	35113	9417
17	HASSAN	662602	662602	58775	79770	30365	14142
18	HAVERI	485156	485156	47454	33197	5793	2989
19	KODAGU	410775	410775	134597	24215	31010	9076
20	KOLAR	374966	374966	20620	45677	28870	6397
21	KOPPAL	552495	552495	29451	39003	16627	2568
22	MANDYA	498244	498244	24765	60906	21519	41955
23	MYSORE	676382	676382	62851	75946	45018	20670
24	RAICHUR	835843	835843	18167	20563	20084	10712
25	RAMANAGARA	355912	355912	69946	26225	24339	1178
26	SHIMOGA	847784	847784	276855	88708	13312	16311
27	TUMKUR	1064755	1064755	45177	85281	67539	62642
28	UDUPI	356446	356446	100102	40139	11595	38951
29	U.KANNADA	1024679	1024679	813595	34547	16234	6450
30	YADGIR	516088	516088	33773	29609	27966	2385
<b>STATE</b>		<b>19050068</b>	<b>19050068</b>	<b>3073376</b>	<b>1435603</b>	<b>786621</b>	<b>412640</b>

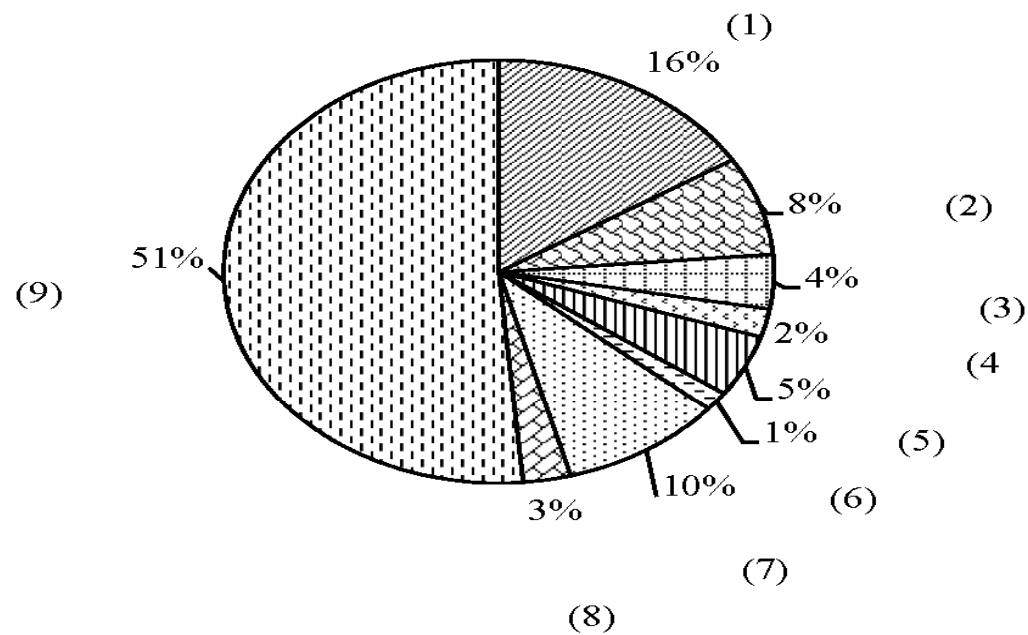
**ANNEXURE -2 (conti)**  
**CLASSIFICATION OF TOTAL GEOGRAPHICAL AREA IN KARNATAKA, 2012-13**

(Area in Hectares)

Sl. No.	District	Classification of Area					Total Cropped Area	Area sown more than once (14)-(13)
		Uncultivated land excluding fallow land		Fallow Land		Net Area Sown		
		Permanent Pastures & other grazing land	Miscellaneous Tree Crops, Groves(*)	Current Fallows	Other Fallow Land			
1	2	9	10	11	12	13	14	15
1	BAGALKOT	3429	274	64604	9971	443796	508067	64271
2	BANGALORE(U)	5674	7530	20390	6486	47649	54174	6525
3	BANGALORE(R)	3879	13533	12014	13794	119977	122960	2983
4	BELGAUM	24877	3093	344439	5870	650057	896070	246013
5	BELLARY	5472	3606	64843	13786	439865	563898	124033
6	BIDAR	13964	10915	36118	44927	347619	434364	86745
7	BIJAPUR	9575	1316	127101	6377	836431	933380	96949
8	CHAMARAJANAGAR	22750	4741	16227	11680	185211	232286	47075
9	CHIKKABALLAPURA	55550	6482	44948	20464	156375	218073	61698
10	CHICKMAGALUR	88585	19714	19960	5130	295729	332896	37167
11	CHITRADURGA	88740	11317	86631	22140	389897	453417	63520
12	D.KANNADA	18902	31539	7156	5899	129968	156945	26977
13	DAVANGERE	19538	4955	18381	5419	391070	462669	71599
14	DHARWAD	3571	202	93090	6617	258647	379601	120954
15	GADAG	2592	258	51083	6363	349686	423152	73466
16	GULBARGA	25855	1131	59340	21838	867690	941636	73946
17	HASSAN	32943	6963	49762	30666	359216	434248	75032
18	HAVERI	12209	2290	11260	5612	364352	417886	53534
19	KODAGU	13884	20219	7588	3621	166565	182670	16105
20	KOLAR	39418	7009	37649	11549	177777	187834	10057
21	KOPPAL	14675	210	19304	40425	390232	485087	94855
22	MANDYA	32049	3428	63063	53628	196931	242365	45434
23	MYSORE	46808	5871	44281	41062	333875	479215	145340
24	RAICHUR	19816	13684	165294	37605	529918	634128	104210
25	RAMANAGARA	24662	3950	33822	27757	144033	148022	3989
26	SHIMOGA	163463	26868	8380	23673	230214	268599	38385
27	TUMKUR	76453	21033	192390	24341	489899	556945	67046
28	UDUPI	10625	45000	3202	9252	97580	112692	15112
29	U.KANNADA	16625	4806	6136	14316	111970	125725	13755
30	YADGIR	11755	737	113903	5129	290831	358853	68022
	<b>STATE</b>	<b>908338</b>	<b>282674</b>	<b>1822359</b>	<b>535397</b>	<b>9793060</b>	<b>11747857</b>	<b>1954797</b>

## ANNEXURE - 2.1

**PIE CHART SHOWING THE LAND USE CLASSIFICATION FOR THE YEAR 2012-13**



<ul style="list-style-type: none"> <li><input type="checkbox"/> Forest</li> <li><input type="checkbox"/> Barren &amp; uncultivable land</li> <li><input type="checkbox"/> Permanent pastures &amp; other graz. Land</li> <li><input type="checkbox"/> Current fallow</li> <li><input type="checkbox"/> Net area sown</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Land put to non-agriculture use</li> <li><input type="checkbox"/> Cultivable waste</li> <li><input type="checkbox"/> Land under miscellaneous tree, crops, groves etc.,</li> <li><input type="checkbox"/> Other fallow land</li> </ul>
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**ANNEXURE - 3**  
**SOURCES OF IRRIGATION IN KARNATAKA, 2012-13**

Sl. No.	District	Canals		Wells		
		Government		Number of Tube/Borewells		
		Number	Length (Kms.)	Government	Private	Total
1	2	3	4	5	6	7
1	BAGALKOT	3	189	4	29466	29470
2	BANGALORE(U)	-	-	-	24753	24753
3	BANGALORE(R)	-	-	8	43445	43453
4	BELGAUM	12	416	4	43480	43484
5	BELLARY	13	456	3	22134	22137
6	BIDAR	4	180	6	15259	15265
7	BIJAPUR	5	296	-	31324	31324
8	CHAMARAJANAGAR	8	187	2	22847	22849
9	CHIKKABALLAPURA	-	-	10	28985	28995
10	CHICKMAGALUR	2	50	5	24207	24212
11	CHITRADURGA	3	143	156	48714	48870
12	D.KANNADA	-	-	-	15195	15195
13	DAVANGERE	4	203	84	43100	43184
14	DHARWAD	-	48	1	9408	9409
15	GADAG	1	105	11	10510	10521
16	GULBARGA	6	131	4	13997	14001
17	HASSAN	11	520	32	46360	46392
18	HAVERI	1	47	44	27364	27408
19	KODAGU	9	92	-	1382	1382
20	KOLAR	-	-	-	81832	81832
21	KOPPAL	6	112	-	28407	28407
22	MANDYA	20	780	15	35694	35709
23	MYSORE	33	1308	-	26905	26905
24	RAICHUR	8	150	30	7756	7786
25	RAMANAGARA	7	178	57	38002	38059
26	SHIMOGA	16	378	10	20970	20980
27	TUMKUR	5	87	71	121174	121245
28	UDUPI	-	-	1	2076	2077
29	U.KANNADA	4	20	2	6374	6376
30	YADGIR	7	167	-	5445	5445
	<b>STATE</b>	<b>188</b>	<b>6243</b>	<b>560</b>	<b>876565</b>	<b>877125</b>

**ANNEXURE - 3 (contd)**  
**SOURCES OF IRRIGATION IN KARNATAKA, 2012-13**

Sl. No.	District	Wells				Total	Lift irrigation		
		Number of other wells used for Irrigation purpose only					Government	Private	Total
		Government		Private					
		Masonry	Non-masonry	Masonry	Non-masonry				
1	2	8	9	10	11	12	13	14	15
1	BAGALKOT	-	-	2347	9313	11660	19	-	19
2	BANGALORE(U)	-	-	2553	96	2649	-	-	-
3	BANGALORE(R)	-	-	4639	2047	6686	1	-	1
4	BELGAUM	-	-	15218	47777	62995	45	6458	6503
5	BELLARY	-	-	4957	2702	7659	37	3560	3597
6	BIDAR	2	-	3833	7890	11725	16	2137	2153
7	BIJAPUR	-	-	1757	40754	42511	1	-	1
8	CHAMARAJANAGAR	-	-	818	2340	3158	4	1	5
9	CHIKKABALLAPURA	-	-	567	166	733	16	5	21
10	CHICKMAGALUR	-	-	315	111	426	132	3943	4075
11	CHITRADURGA	21	13	3958	8005	11997	55	52	107
12	D.KANNADA	-	-	10382	15701	26083	13	2845	2858
13	DAVANGERE	-	-	1932	1602	3534	21	1541	1562
14	DHARWAD	-	-	19	5	24	-	-	-
15	GADAG	-	-	1997	1775	3772	11	1	12
16	GULBARGA	-	4	3481	19055	22540	39	75	114
17	HASSAN	-	-	529	423	952	20	-	20
18	HAVERI	-	-	45	111	156	23	5714	5737
19	KODAGU	-	-	137	-	137	11	-	11
20	KOLAR	-	-	16963	10912	27875	-	-	-
21	KOPPAL	-	-	413	1398	1811	10	-	10
22	MANDYA	4	9	5385	6452	11850	16	73	89
23	MYSORE	-	-	417	245	662	3	-	3
24	RAICHUR	-	-	3711	6241	9952	17	5135	5152
25	RAMANAGARA	-	-	9775	2548	12323	4	-	4
26	SHIMOGA	-	-	6585	1088	7673	6	4146	4152
27	TUMKUR	13	-	33658	5885	39556	9	-	9
28	UDUPI	-	-	27170	8843	36013	4	2204	2208
29	U.KANNADA	19	-	17009	3631	20659	13	3	16
30	YADGIR	-	-	784	2229	3013	16	2365	2381
	<b>STATE</b>	<b>59</b>	<b>26</b>	<b>181354</b>	<b>209345</b>	<b>390784</b>	<b>562</b>	<b>40258</b>	<b>40820</b>

**ANNEXURE - 3 (contd)**  
**SOURCES OF IRRIGATION IN KARNATAKA, 2012-13**

Sl. No	District	Number of Wells not in use	Number of Reservoirs	Number of Tanks			Number of Pumpsets		
				With ayacut of 40 hectares or more	With ayacut of less than 40 hectares	Total	Electrical	Diesel	Total
1	2	16	17	18	19	20	21	22	23
1	BAGALKOT	3411	2	-	-	-	84943	884	85827
2	BANGALORE(U)	2267	-	71	762	833	25844	-	25844
3	BANGALORE(R)	21542	1	100	1635	1735	62865	-	62865
4	BELGAUM	3677	5	157	741	898	172979	1682	174661
5	BELLARY	1840	3	38	111	149	49712	123	49835
6	BIDAR	54	-	74	57	131	28733	358	29091
7	BIJAPUR	1486	2	114	-	114	99670	504	100174
8	CHAMARAJANAGAR	121	3	18	137	155	49588	192	49780
9	CHIKKABALLAPURA	1275	-	201	1780	1981	28755	58	28813
10	CHICKMAGALUR	57	2	123	1438	1561	43620	2186	45806
11	CHITRADURGA	6130	2	-	368	368	77669	84	77753
12	D.KANNADA	2168	-	-	11	11	81367	10193	91560
13	DAVANGERE	3198	-	52	361	413	43100	-	43100
14	DHARWAD	1	-	75	1156	1231	17929	272	18201
15	GADAG	493	-	19	11	30	18228	107	18335
16	GULBARGA	4368	3	53	433	486	32366	744	33110
17	HASSAN	116	5	154	5912	6066	46205	187	46392
18	HAVERI	150	-	203	1701	1904	33122	-	33122
19	KODAGU	-	2	-	194	194	-	-	-
20	KOLAR	6094	-	111	1944	2055	75578	-	75578
21	KOPPAL	1811	2	22	105	127	47591	-	47591
22	MANDYA	723	1	160	470	630	63856	1152	65008
23	MYSORE	885	4	38	899	937	53542	172	53714
24	RAICHUR	385	-	37	305	342	40843	249	41092
25	RAMANAGARA	8914	5	83	725	808	52885	820	53705
26	SHIMOGA	1057	5	327	5650	5977	44782	890	45672
27	TUMKUR	26628	4	426	1806	2232	199633	1495	201128
28	UDUPI	185	-	4	287	291	47806	6357	54163
29	U.KANNADA	2015	4	81	2290	2371	48727	6343	55070
30	YADGIR	1479	3	51	257	308	10248	459	10707
	<b>STATE</b>	<b>102530</b>	<b>58</b>	<b>2792</b>	<b>31546</b>	<b>34338</b>	<b>1682186</b>	<b>35511</b>	<b>1717697</b>

**ANNEXURE - 4**

**DISTRICTWISE PERCENTAGE OF AREA SOWN TO AREA IRRIGATED, 2012-13**

(Area in Hectares)

Sl. No.	District	Gross Area			Net Area		
		Sown	Irrigated	% GAI to GAS	Sown	Irrigated	% NAI to NAS
1	2	3	4	5	6	7	8
1	BAGALKOT	508067	273065	53.75	443796	252528	56.90
2	BANGALORE(U)	54174	13862	25.59	47649	11684	24.52
3	BANGALORE(R)	122960	24131	19.63	119977	21379	17.82
4	BELGAUM	896070	545218	60.85	650057	487468	74.99
5	BELLARY	563898	297143	52.69	439865	213136	48.45
6	BIDAR	434364	59319	13.66	347619	49262	14.17
7	BIJAPUR	933380	338668	36.28	836431	293690	35.11
8	CHAMARAJANAGAR	232286	69689	30.00	185211	60423	32.62
9	CHIKKABALLAPURA	218073	61698	28.29	156375	55292	35.36
10	CHICKMAGALUR	332896	55976	16.81	295729	50483	17.07
11	CHITRADURGA	453417	103236	22.77	389897	93216	23.91
12	D.KANNADA	156945	72607	46.26	129968	71017	54.64
13	DAVANGERE	462669	234145	50.61	391070	184743	47.24
14	DHARWAD	379601	60236	15.87	258647	52250	20.20
15	GADAG	423152	83145	19.65	349686	79417	22.71
16	GULBARGA	941636	120512	12.80	867690	106135	12.23
17	HASSAN	434248	106374	24.50	359216	95088	26.47
18	HAVERI	417886	103814	24.84	364352	85210	23.39
19	KODAGU	182670	1485	0.81	166565	1455	0.87
20	KOLAR	187834	33195	17.67	177777	23138	13.02
21	KOPPAL	485087	186724	38.49	390232	131613	33.73
22	MANDYA	242365	140348	57.91	196931	125823	63.89
23	MYSORE	479215	164525	34.33	333875	137569	41.20
24	RAICHUR	634128	261399	41.22	529918	219605	41.44
25	RAMANAGARA	148022	40131	27.11	144033	38609	26.81
26	SHIMOGA	268599	160620	59.80	230214	128281	55.72
27	TUMKUR	556945	176591	31.71	489899	154263	31.49
28	UDUPI	112692	33855	30.04	97580	32753	33.57
29	U.KANNADA	125725	36183	28.78	111970	32428	28.96
30	YADGIR	358853	149231	41.59	290831	132563	45.58
	<b>STATE</b>	<b>11747857</b>	<b>4007125</b>	<b>34.11</b>	<b>9793060</b>	<b>3420521</b>	<b>34.93</b>

**ANNEXURE - 5**

**SOURCEWISE AREA IRRIGATED IN KARNATAKA, 2012-13**

(Area in Hectares)

Sl. No	District	Gross / Net area irrigated by (in Hectares)					
		Government Canals		Tanks		Wells	
		Gross	Net	Gross	Net	Gross	Net
1	2	3	4	5	6	7	8
1	BAGALKOT	23502	23502	-	-	9611	8772
2	BANGALORE(U)	-	-	-	-	-	-
3	BANGALORE(R)	-	-	-	-	-	-
4	BELGAUM	85475	74274	336	336	163112	144430
5	BELLARY	136601	93090	1880	1640	4064	2951
6	BIDAR	1376	1121	747	562	23754	20003
7	BIJAPUR	129434	113206	42	42	86553	77499
8	CHAMARAJANAGAR	11178	11178	4822	4822	3188	2930
9	CHIKKABALLAPURA	-	-	-	-	-	-
10	CHICKMAGALUR	8164	5727	7317	7128	129	129
11	CHITRADURGA	2600	2260	-	-	-	-
12	D.KANNADA	-	-	-	-	41165	40587
13	DAVANGERE	107133	87885	1930	1465	265	265
14	DHARWAD	36306	35445	-	-	-	-
15	GADAG	27638	23910	-	-	763	763
16	GULBARGA	38283	35684	692	692	37815	32005
17	HASSAN	39338	35897	25628	21918	635	609
18	HAVERI	5665	5665	7873	7873	5	5
19	KODAGU	999	999	123	123	-	-
20	KOLAR	-	-	-	-	-	-
21	KOPPAL	77741	56734	146	146	-	-
22	MANDYA	104820	96731	19236	15944	9105	6851
23	MYSORE	97354	93355	14832	8821	17497	10483
24	RAICHUR	221072	186526	1000	990	14581	11373
25	RAMANAGARA	2510	2222	407	353	-	-
26	SHIMOGA	55254	42231	49995	44809	6536	5767
27	TUMKUR	4199	4199	10777	10535	1039	1039
28	UDUPI	-	-	535	535	24218	23347
29	U.KANNADA	-	-	7153	6603	10043	9830
30	YADGIR	117997	104307	2739	2739	8637	7833
<b>STATE</b>		<b>1334639</b>	<b>1136148</b>	<b>158210</b>	<b>138076</b>	<b>462715</b>	<b>407471</b>

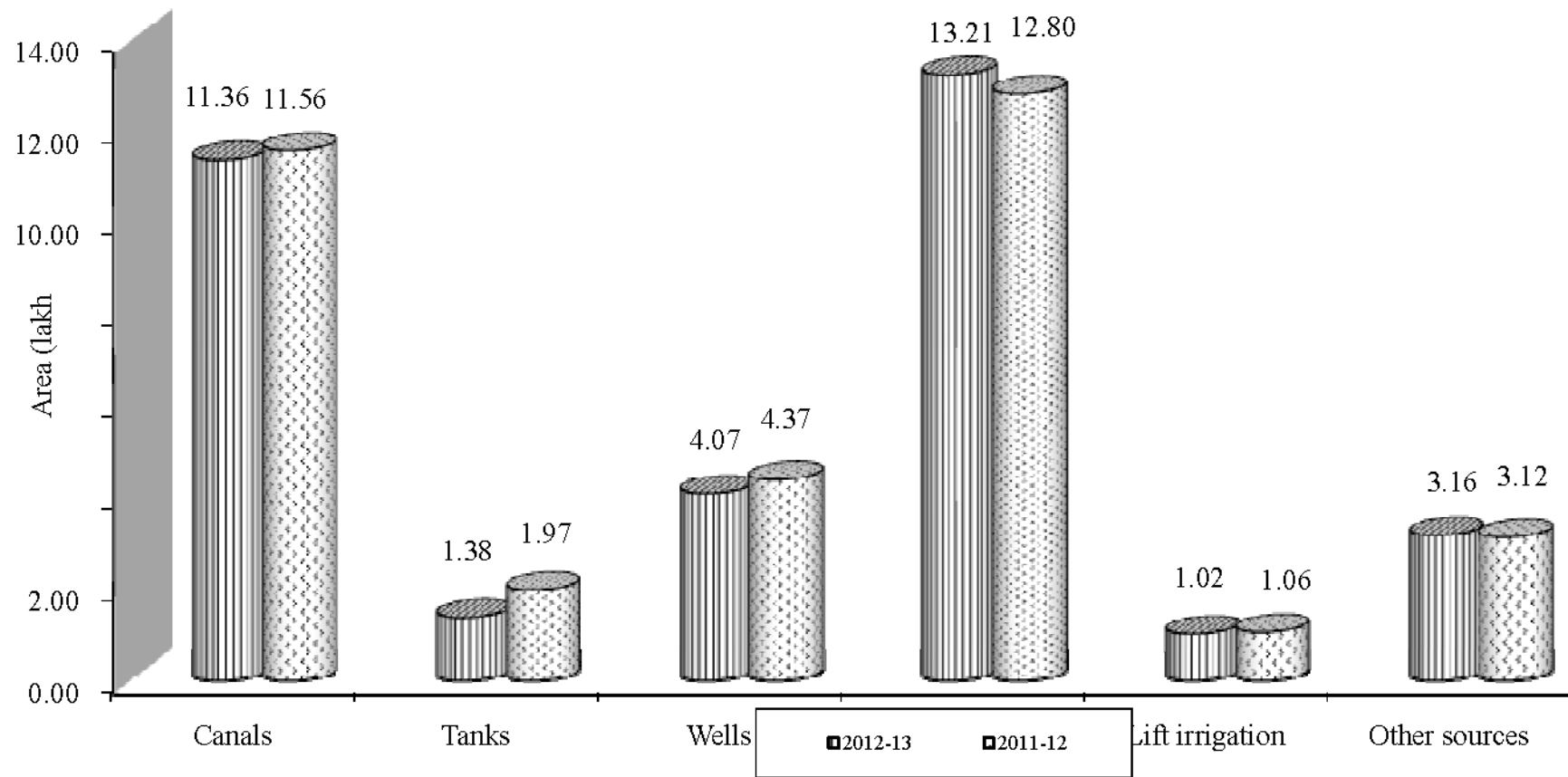
**ANNEXURE - 5 (contd)**  
**SOURCEWISE AREA IRRIGATED IN KARNATAKA, 2012-13**

(Area in Hectares)

Sl. No.	District	Gross / Net area irrigated by (in Hectares)							
		Tube / Bore Wells		Lift Irrigation		Other sources		Total	
		Gross	Net	Gross	Net	Gross	Net	Gross	Net
1	2	9	10	11	12	13	14	15	16
1	BAGALKOT	109731	99988	3399	3366	126822	116900	273065	252528
2	BANGALORE(U)	13862	11684	-	-	-	-	13862	11684
3	BANGALORE(R)	24088	21336	43	43	-	-	24131	21379
4	BELGAUM	199314	177481	18830	17754	78151	73193	545218	487468
5	BELLARY	97282	65759	46499	40370	10817	9326	297143	213136
6	BIDAR	32316	26518	306	306	820	752	59319	49262
7	BIJAPUR	103929	88146	-	-	18710	14797	338668	293690
8	CHAMARAJANAGAR	50501	41493	-	-	-	-	69689	60423
9	CHIKKABALLAPURA	61698	55292	-	-	-	-	61698	55292
10	CHICKMAGALUR	25056	22844	230	230	15080	14425	55976	50483
11	CHITRADURGA	100636	90956	-	-	-	-	103236	93216
12	D.KANNADA	9956	9646	129	129	21357	20655	72607	71017
13	DAVANGERE	109052	82211	15765	12917	-	-	234145	184743
14	DHARWAD	23930	16805	-	-	-	-	60236	52250
15	GADAG	36861	36861	16	16	17867	17867	83145	79417
16	GULBARGA	29660	25731	8534	7336	5528	4687	120512	106135
17	HASSAN	38995	35075	1189	1089	589	500	106374	95088
18	HAVERI	69427	56528	526	526	20318	14613	103814	85210
19	KODAGU	30	30	34	34	299	269	1485	1455
20	KOLAR	33195	23138	-	-	-	-	33195	23138
21	KOPPAL	108213	74109	463	463	161	161	186724	131613
22	MANDYA	5715	4925	429	429	1043	943	140348	125823
23	MYSORE	34627	24695	215	215	-	-	164525	137569
24	RAICHUR	16545	13141	8201	7575	-	-	261399	219605
25	RAMANAGARA	37010	35833	204	201	-	-	40131	38609
26	SHIMOGA	38863	27177	4502	3376	5470	4921	160620	128281
27	TUMKUR	160576	138490	-	-	-	-	176591	154263
28	UDUPI	539	534	2748	2522	5815	5815	33855	32753
29	U.KANNADA	3899	3569	681	681	14407	11745	36183	32428
30	YADGIR	12435	11217	2542	1945	4881	4522	149231	132563
<b>STATE</b>		<b>1587941</b>	<b>1321212</b>	<b>115485</b>	<b>101523</b>	<b>348135</b>	<b>316091</b>	<b>4007125</b>	<b>3420521</b>

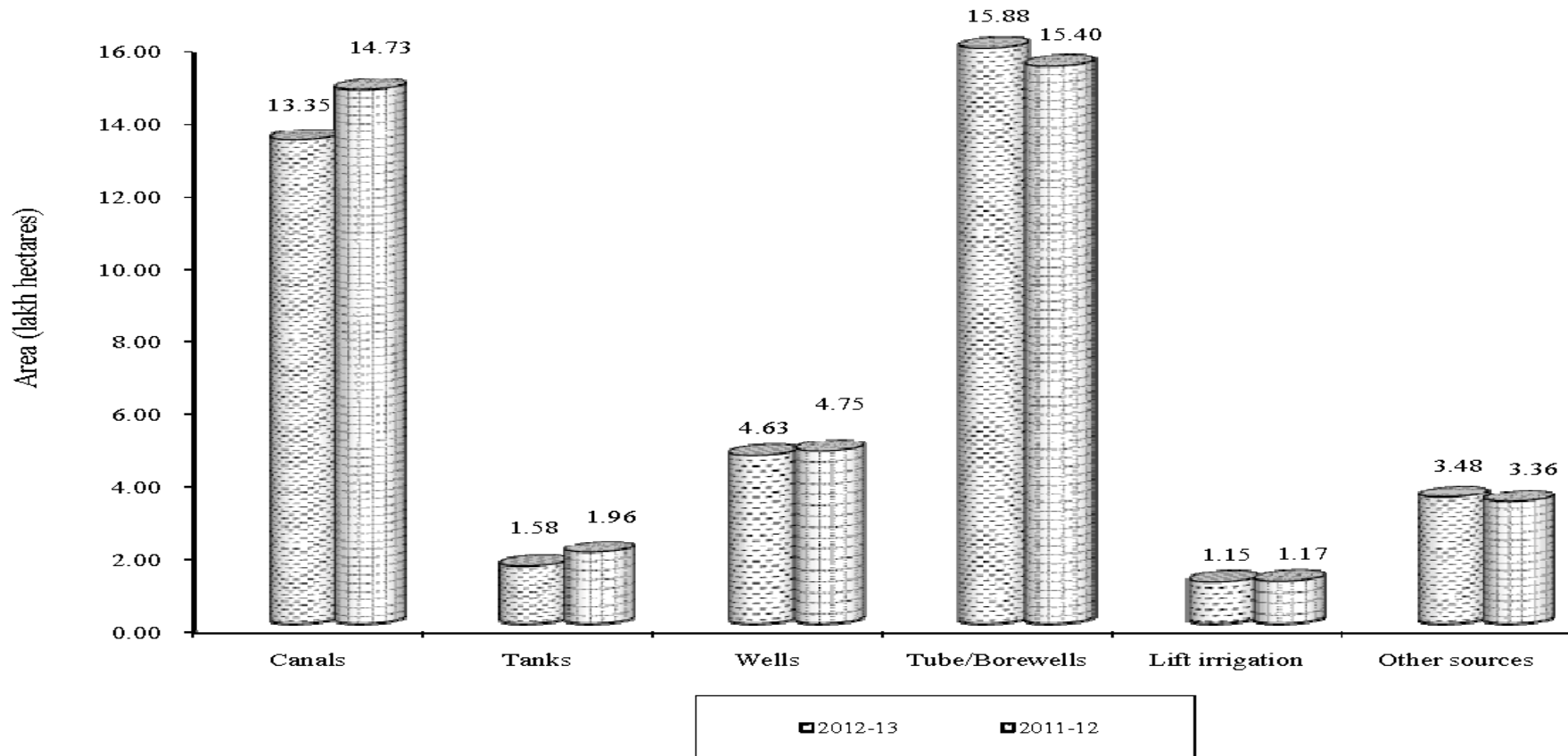
ANNEXURE -5.1.1

**BAR CHART SHOWING SOURCEWISE NET AREA IRRIGATED FOR THE YEAR 2012-13 & 2011-12**



**ANNEXURE - 5.1.2**

**BAR CHART SHOWING SOURCEWISE GROSS AREA IRRIGATED FOR THE YEAR 2012-13 & 2011-12**





**ANNEXURE - 6**  
**PERCENTAGE OF AREA IRRIGATED BY DIFFERENT SOURCES, 2012-13**

Sl No.	District	Net Area Irrigated						Gross Area Irrigated					
		Canals	Tanks	Wells	Borewells	Lift Irrign	Others	Canals	Tanks	Wells	Borewells	Lift Irrign	Others
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	BAGALKOT	9.31	0.00	3.52	40.18	1.24	46.44	8.61	0.00	3.52	40.18	1.24	46.44
2	BANGALORE(U)	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
3	BANGALORE(R)	0.00	0.00	0.00	99.82	0.00	0.00	0.00	0.00	0.00	99.82	0.00	0.00
4	BELGAUM	15.24	0.07	29.92	36.56	3.45	14.33	15.68	0.06	29.92	36.56	3.45	14.33
5	BELLARY	43.68	0.77	1.37	32.74	15.65	3.64	45.97	0.63	1.37	32.74	15.65	3.64
6	BIDAR	2.28	1.14	40.04	54.48	0.52	1.38	2.32	1.26	40.04	54.48	0.52	1.38
7	BIJAPUR	38.55	0.01	25.56	30.69	0.00	5.52	38.22	0.01	25.56	30.69	0.00	5.52
8	CHAMARAJANAGAR	18.50	7.98	4.57	72.47	0.00	0.00	16.04	6.92	4.57	72.47	0.00	0.00
9	CHIKKABALLAPURA	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
10	CHICKMAGALUR	11.34	14.12	0.23	44.76	0.41	26.94	14.58	13.07	0.23	44.76	0.41	26.94
11	CHITRADURGA	2.42	0.00	0.00	97.48	0.00	0.00	2.52	0.00	0.00	97.48	0.00	0.00
12	D.KANNADA	0.00	0.00	56.70	13.71	0.18	29.41	0.00	0.00	56.70	13.71	0.18	29.41
13	DAVANGERE	47.57	0.79	0.11	46.57	6.73	0.00	45.75	0.82	0.11	46.57	6.73	0.00
14	DHARWAD	67.84	0.00	0.00	39.73	0.00	0.00	60.27	0.00	0.00	39.73	0.00	0.00
15	GADAG	30.11	0.00	0.92	44.33	0.02	21.49	33.24	0.00	0.92	44.33	0.02	21.49
16	GULBARGA	33.62	0.65	31.38	24.61	7.08	4.59	31.77	0.57	31.38	24.61	7.08	4.59
17	HASSAN	37.75	23.05	0.60	36.66	1.12	0.55	36.98	24.09	0.60	36.66	1.12	0.55
18	HAVERI	6.65	9.24	0.00	66.88	0.51	19.57	5.46	7.58	0.00	66.88	0.51	19.57
19	KODAGU	68.66	8.45	0.00	2.02	2.29	20.13	67.27	8.28	0.00	2.02	2.29	20.13
20	KOLAR	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
21	KOPPAL	43.11	0.11	0.00	57.95	0.25	0.09	41.63	0.08	0.00	57.95	0.25	0.09
22	MANDYA	76.88	12.67	6.49	4.07	0.31	0.74	74.69	13.71	6.49	4.07	0.31	0.74
23	MYSORE	67.86	6.41	10.63	21.05	0.13	0.00	59.17	9.02	10.63	21.05	0.13	0.00
24	RAICHUR	84.94	0.45	5.58	6.33	3.14	0.00	84.57	0.38	5.58	6.33	3.14	0.00
25	RAMANAGARA	5.76	0.91	0.00	92.22	0.51	0.00	6.25	1.01	0.00	92.22	0.51	0.00
26	SHIMOGA	32.92	34.93	4.07	24.20	2.80	3.41	34.40	31.13	4.07	24.20	2.80	3.41
27	TUMKUR	2.72	6.83	0.59	90.93	0.00	0.00	2.38	6.10	0.59	90.93	0.00	0.00
28	UDUPI	0.00	1.63	71.53	1.59	8.12	17.18	0.00	1.58	71.53	1.59	8.12	17.18
29	U.KANNADA	0.00	20.36	27.76	10.78	1.88	39.82	0.00	19.77	27.76	10.78	1.88	39.82
30	YADGIR	78.68	2.07	5.79	8.33	1.70	3.27	79.07	1.84	5.79	8.33	1.70	3.27
<b>STATE</b>		<b>33.22</b>	<b>4.04</b>	<b>11.55</b>	<b>39.63</b>	<b>2.88</b>	<b>8.69</b>	<b>33.31</b>	<b>3.95</b>	<b>11.55</b>	<b>39.63</b>	<b>2.88</b>	<b>8.69</b>

**ANNEXURE - 7**  
**DISTRICTWISE FOOD AND NON-FOOD CROPS DURING 2012-13**

Sl. No.	District	Food Crops			Non-Food Crops			Total Cropped Area (in hecets)	% to State Total
		Area (in hecets)	% to Total Cropped Area	% to State Total	Area (in hecets)	% to Total Cropped Area	% to State Total		
1	2	3	4	5	6	7	8	9	10
1	BAGALKOT	438535	86.31	4.94	69532	13.69	2.42	508067	4.32
2	BANGALORE(U)	39730	73.34	0.45	14444	26.66	0.50	54174	0.46
3	BANGALORE(R)	77863	63.32	0.88	45097	36.68	1.57	122960	1.05
4	BELGAUM	727648	81.20	8.20	168422	18.80	5.85	896070	7.63
5	BELLARY	394057	69.88	4.44	169841	30.12	5.90	563898	4.80
6	BIDAR	332825	76.62	3.75	101539	23.38	3.53	434364	3.70
7	BIJAPUR	799834	85.69	9.02	133546	14.31	4.64	933380	7.95
8	CHAMARAJANAGAR	189851	81.73	2.14	42435	18.27	1.47	232286	1.98
9	CHIKKABALLAPURA	172018	78.88	1.94	46055	21.12	1.60	218073	1.86
10	CHICKMAGALUR	193732	58.20	2.18	139164	41.80	4.84	332896	2.83
11	CHITRADURGA	259411	57.21	2.92	194006	42.79	6.74	453417	3.86
12	D.KANNADA	127598	81.30	1.44	29347	18.70	1.02	156945	1.34
13	DAVANGERE	397305	85.87	4.48	65364	14.13	2.27	462669	3.94
14	DHARWAD	276471	72.83	3.12	103130	27.17	3.58	379601	3.23
15	GADAG	291081	68.79	3.28	132071	31.21	4.59	423152	3.60
16	GULBARGA	837747	88.97	9.44	103889	11.03	3.61	941636	8.02
17	HASSAN	305761	70.41	3.45	128487	29.59	4.46	434248	3.70
18	HAVERI	310923	74.40	3.51	106963	25.60	3.72	417886	3.56
19	KODAGU	66281	36.28	0.75	116389	63.72	4.04	182670	1.55
20	KOLAR	147848	78.71	1.67	39986	21.29	1.39	187834	1.60
21	KOPPAL	382268	78.80	4.31	102819	21.20	3.57	485087	4.13
22	MANDYA	197498	81.49	2.23	44867	18.51	1.56	242365	2.06
23	MYSORE	318872	66.54	3.59	160343	33.46	5.57	479215	4.08
24	RAICHUR	466286	73.53	5.26	167842	26.47	5.83	634128	5.40
25	RAMANAGARA	111077	75.04	1.25	36945	24.96	1.28	148022	1.26
26	SHIMOGA	251906	93.79	2.84	16693	6.21	0.58	268599	2.29
27	TUMKUR	303260	54.45	3.42	253685	45.55	8.82	556945	4.74
28	UDUPI	88259	78.32	1.00	24433	21.68	0.85	112692	0.96
29	U.KANNADA	111402	88.61	1.26	14323	11.39	0.50	125725	1.07
30	YADGIR	252691	70.42	2.85	106162	29.58	3.69	358853	3.05
	<b>STATE</b>	<b>8870038</b>	<b>75.50</b>	<b>100.00</b>	<b>2877819</b>	<b>24.50</b>	<b>100.00</b>	<b>11747857</b>	<b>100.00</b>

**ANNEXURE - 8**

**AREA, PRODUCTION AND PRODUCTIVITY DURING 2012-13**

Sl. No.	District	Cereals and Minor Millets			Pulses			Foodgrains		
		Area (in hecets)	Production (Tonnes)	Yield (Kgs/Hect)	Area (in hecets)	Production (Tonnes)	Yield (Kgs/Hect)	Area (in hecets)	Production (Tonnes)	Yield (Kgs/Hect)
1	2	3	4	5	6	7	8	9	10	11
1	BAGALKOT	228558	366420	1688	78535	36712	492	307093	403132	1382
2	BANGALORE(U)	24893	55937	2365	3844	2515	689	28737	58452	2141
3	BANGALORE(R)	51530	90534	1849	6508	3200	518	58038	93734	1700
4	BELGAUM	374951	642847	1805	57900	23206	422	432851	666053	1620
5	BELLARY	284861	675166	2495	71879	49356	723	356740	724522	2138
6	BIDAR	84407	129018	1609	204608	177150	911	289015	306168	1115
7	BIJAPUR	412331	564145	1440	274992	148050	567	687323	712195	1091
8	CHAMARAJANAGAR	83450	175677	2216	69229	25146	382	152679	200823	1385
9	CHIKKABALLAPURA	115001	224761	2057	13978	11049	832	128979	235810	1925
10	CHICKMAGALUR	105024	171611	1720	24362	12690	548	129386	184301	1499
11	CHITRADURGA	181695	277082	1605	49993	23424	493	231688	300506	1365
12	D.KANNADA	54217	140854	2735	3200	1439	473	57417	142293	2609
13	DAVANGERE	329636	915627	2924	14803	11745	835	344439	927372	2834
14	DHARWAD	150513	119109	833	92578	30507	347	243091	149616	648
15	GADAG	162842	145531	941	109363	35866	345	272205	181397	701
16	GULBARGA	237774	274490	1215	554162	404236	768	791936	678726	902
17	HASSAN	197238	349653	1866	49890	10408	220	247128	360061	1534
18	HAVERI	265352	351826	1396	12568	3773	316	277920	355599	1347
19	KODAGU	35283	91342	2725	41	12	308	35324	91354	2722
20	KOLAR	62045	139376	2365	19681	31849	1703	81726	171225	2205
21	KOPPAL	271270	545590	2117	83433	43381	547	354703	588971	1748
22	MANDYA	100447	236275	2476	39150	12844	345	139597	249119	1878
23	MYSORE	171318	434841	2672	104729	28542	287	276047	463383	1767
24	RAICHUR	316249	683735	2276	142046	99647	738	458295	783382	1799
25	RAMANAGARA	72550	151389	2197	14451	8811	642	87001	160200	1938
26	SHIMOGA	194292	620206	3360	2185	924	445	196477	621130	3328
27	TUMKUR	187906	217745	1220	57077	16682	308	244983	234427	1007
28	UDUPI	51623	127771	2605	4309	2233	545	55932	130004	2447
29	U.KANNADA	78815	165845	2215	1873	666	374	80688	166511	2172
30	YADGIR	143666	168638	1236	103407	52697	536	247073	221335	943
	<b>STATE</b>	<b>5029737</b>	<b>9253041</b>	<b>1936</b>	<b>2264774</b>	<b>1308760</b>	<b>608</b>	<b>7294511</b>	<b>10561801</b>	<b>1524</b>

**ANNEXURE - 8 (Contd)**  
**AREA, PRODUCTION AND PRODUCTIVITY DURING 2011-12**

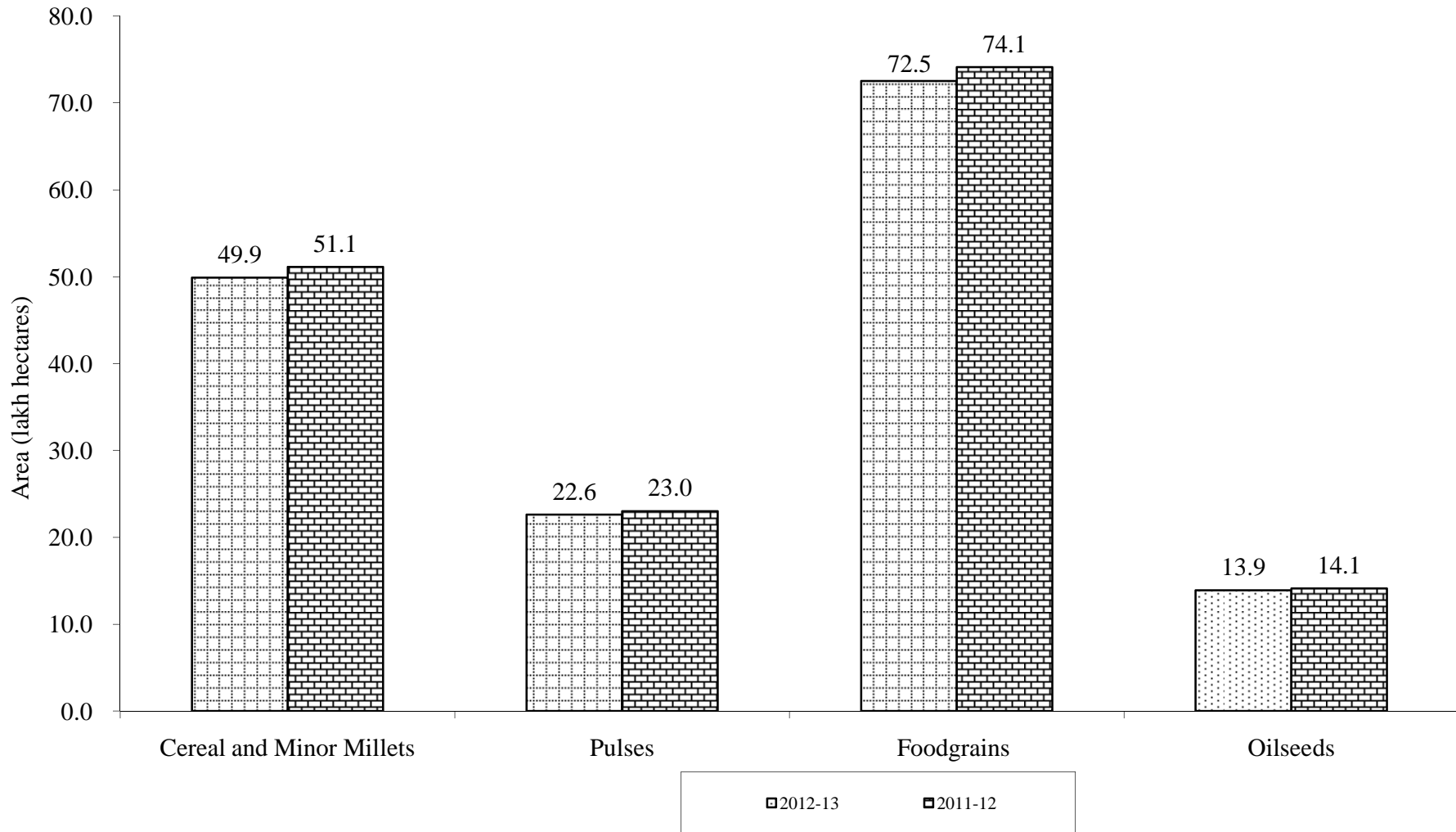
Sl. No.	District	Oilseeds			Cotton		
		Area (in hec)	Production (Tonnes)	Yield (Kgs/Hect)	Area (in hec)	Production (Bales of 170 Kgs in lint form)	Yield (Kgs/Hect)
1	2	12	13	14	15	16	17
1	BAGALKOT	72820	43461	628	805	1103	245
2	BANGALORE(U)	552	265	505	0	0	0
3	BANGALORE(R)	1467	762	547	0	0	0
4	BELGAUM	117684	81485	729	22674	24004	189
5	BELLARY	100511	51266	537	65501	194632	532
6	BIDAR	100243	132247	1389	549	954	311
7	BIJAPUR	119842	52948	465	12947	30313	419
8	CHAMARAJANAGAR	19951	5340	282	7374	5889	143
9	CHIKKABALLAPURA	23755	10489	465	155	486	561
10	CHICKMAGALUR	14343	5962	438	1159	926	143
11	CHITRADURGA	128857	56140	459	19422	30450	281
12	D.KANNADA	508	164	340	0	0	0
13	DAVANGERE	33544	28437	892	15433	34650	402
14	DHARWAD	60901	32581	563	40910	47458	208
15	GADAG	98389	38893	416	33093	40385	218
16	GULBARGA	63611	37502	621	39523	150511	681
17	HASSAN	8882	2105	249	64	135	377
18	HAVERI	36061	20421	596	65659	129473	353
19	KODAGU	5	2	421	0	0	0
20	KOLAR	11225	7742	726	0	0	0
21	KOPPAL	92326	50841	580	9229	17550	340
22	MANDYA	8499	2469	306	0	0	0
23	MYSORE	14576	5233	378	44491	43635	176
24	RAICHUR	114362	69053	636	53360	170307	571
25	RAMANAGARA	5817	4176	756	0	0	0
26	SHIMOGA	2214	3010	1431	986	3565	647
27	TUMKUR	90374	26319	307	1384	3011	389
28	UDUPI	1905	2786	1539	0	0	0
29	U.KANNADA	2558	3894	1602	2597	4470	308
30	YADGIR	46020	25176	576	59706	192286	576
<b>STATE</b>		<b>1391802</b>	<b>801169</b>	<b>606</b>	<b>497021</b>	<b>1126193</b>	<b>405</b>

**ANNEXURE - 8 (CONTINUED)**  
**AREA, PRODUCTION AND PRODUCTIVITY DURING 2011-12**

Sl. No.	District	Sugarcane			Tobacco		
		Area(H) (in hecets)	Production (Tonnes)	Yield (Tonnes/Hect)	Area (in hecets)	Production (Tonnes)	Yield (Kgs/Hect)
1	2	18	19	20	21	22	23
1	BAGALKOT	91361	7984951	92	0	0	0
2	BANGALORE(U)	12	1003	88	0	0	0
3	BANGALORE(R)	3	251	88	0	0	0
4	BELGAUM	168128	13895779	87	15703	16365	1097
5	BELLARY	5660	483930	90	15	9	649
6	BIDAR	31522	2186051	73	0	0	0
7	BIJAPUR	37382	2770006	78	0	0	0
8	CHAMARAJANAGAR	7548	559307	78	10	6	649
9	CHIKKABALLAPURA	212	17723	88	0	0	0
10	CHICKMAGALUR	1532	85869	59	16	10	649
11	CHITRADURGA	37	3093	88	165	102	649
12	D.KANNADA	25	2090	88	0	0	0
13	DAVANGERE	4362	480692	116	421	260	649
14	DHARWAD	4534	297204	69	0	0	0
15	GADAG	1572	131419	88	0	0	0
16	GULBARGA	14801	731169	52	0	0	0
17	HASSAN	2428	182221	79	14688	14135	1013
18	HAVERI	5676	372062	69	0	0	0
19	KODAGU	0	0	0	127	78	649
20	KOLAR	95	7942	88	0	0	0
21	KOPPAL	2100	175560	88	0	0	0
22	MANDYA	28751	3468808	127	0	0	0
23	MYSORE	6545	547162	88	75310	34628	484
24	RAICHUR	382	31935	88	0	0	0
25	RAMANAGARA	719	66256	97	0	0	0
26	SHIMOGA	3943	449502	120	15	9	649
27	TUMKUR	1747	147709	89	0	0	0
28	UDUPI	66	5518	88	0	0	0
29	U.KANNADA	3079	327606	112	0	0	0
30	YADGIR	1171	97896	88	0	0	0
<b>STATE</b>		<b>425393</b>	<b>35510714</b>	<b>88</b>	<b>106470</b>	<b>65602</b>	<b>649</b>

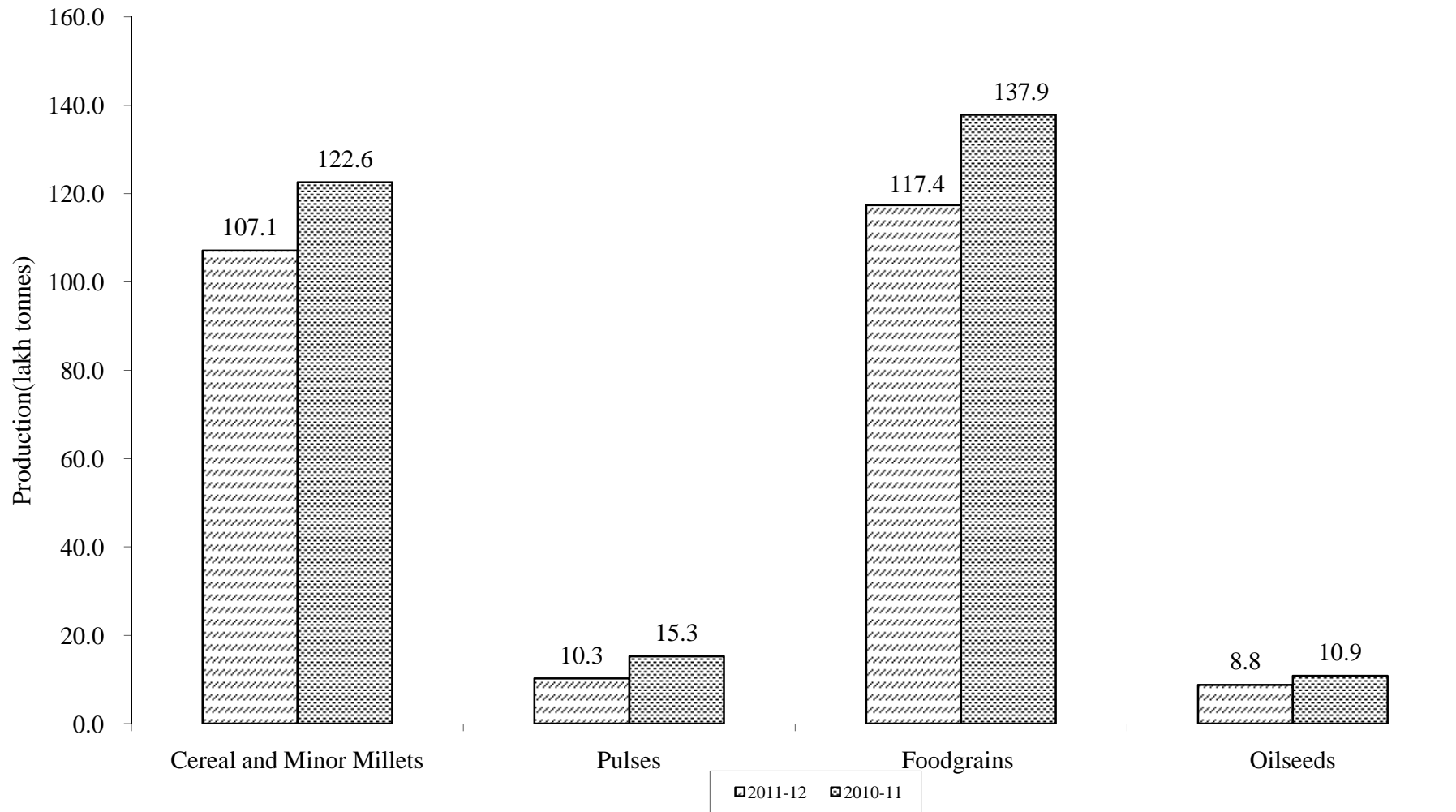
### ANNEXURE - 8.1.1

BAR CHART SHOWING AREA OF CEREALS & MINOR MILLETS, PULSES, FOODGRAINS AND OILSEEDS FOR THE YEAR 2012-13 & 2011-12



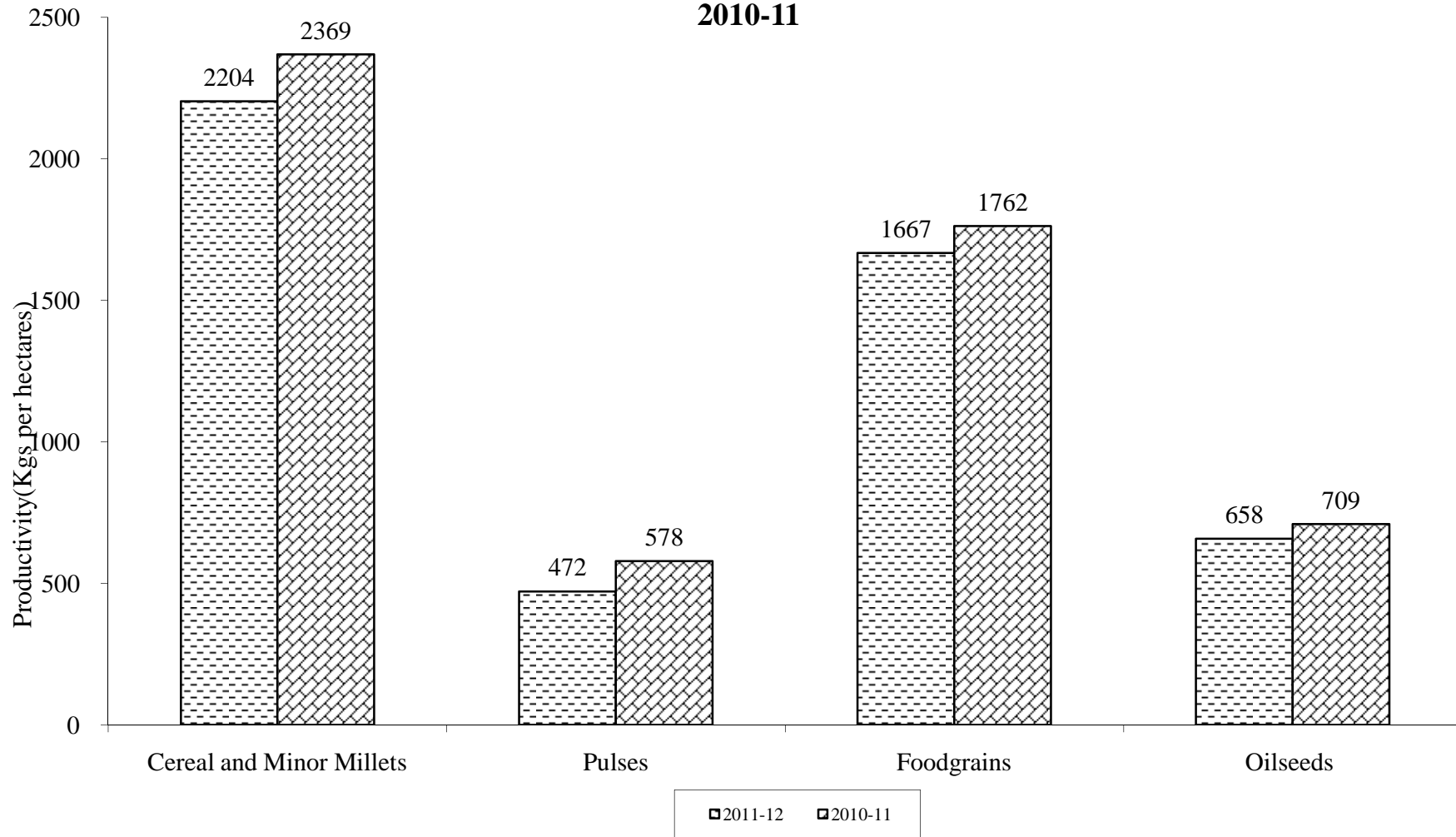
### ANNEXURE - 8.1.2

**BAR CHART SHOWING THE PRODUCTION OF CEREALS & MINOR MILLETS, PULSES, FOODGRAINS AND OILSEEDS FOR THE YEAR 2012-13 & 2011-12**



ANNEXURE - 8.1.3

**BAR CHART SHOWING PRODUCTIVITY OF CEREALS & MINOR MILLETS, PULSES, FOODGRAINS AND OILSEEDS FOR THE YEAR 2011-12 & 2010-11**





## ANNEXURE - 9

## AGRICULTURE LABOURERS WAGES - STATE AVERAGE FOR THE YEAR 2011-12

(Rupees &amp; Paise)

Sl. No.	District	SKILLED LABOURERS			DRYLAND								WETLAND								GARDENLAND							
		CAR-PENTER	BLACK SMITH	MOCHI	A		B		C		D		A		B		C		D		A		B		C		D	
					M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1	BAGALKOT	237.50	225.00	186.67	258.88	105.75	158.00	104.75	141.82	100.00	-	-	-	-	-	-	-	-	-	-	226.83	103.96	158.54	103.92	-	-	-	-
2	BANGALORE(U)	262.50	218.75	195.00	184.28	117.50	172.03	136.73	-	-	100.00	-	186.75	116.14	154.04	125.50	-	-	165.00	145.00	185.25	124.75	169.69	134.35	-	-	134.21	106.60
3	BANGALORE(R)	279.17	241.67	205.00	225.08	193.33	218.18	174.58	-	-	-	-	224.96	194.29	222.73	192.09	-	-	-	-	224.22	197.00	227.55	193.64	-	-	225.26	197.50
4	BELGAUM	207.50	207.50	185.42	160.08	130.00	134.50	111.42	135.00	115.00	-	-	175.92	144.67	142.75	116.08	135.00	115.00	-	-	175.92	144.67	142.75	115.25	135.00	115.00	-	-
5	BELLARY	203.33	187.50	168.33	162.11	95.83	150.00	100.00	81.67	60.00	-	-	164.15	95.60	169.67	100.00	86.67	60.00	140.00	-	147.79	90.29	119.17	89.20	81.67	60.00	140.00	-
6	BIDAR	225.00	190.00	168.33	206.25	100.00	133.33	95.00	85.00	-	-	-	183.42	106.00	135.83	110.00	85.00	-	-	-	183.42	110.00	135.83	110.00	85.00	-	-	-
7	BJJAPUR	237.50	200.00	183.33	264.50	105.25	194.73	105.72	135.00	117.50	-	-	279.57	111.92	197.12	110.26	-	-	-	-	258.65	116.56	201.00	110.70	-	-	-	-
8	CHAMARAJNAGAR	266.67	237.50	168.33	233.58	161.43	210.00	160.00	177.27	150.00	195.45	159.00	233.58	160.00	212.83	166.10	-	-	195.45	158.18	231.42	160.00	204.58	159.03	-	-	195.83	158.75
9	CHIKBALLAPUR	245.83	208.33	181.67	238.33	107.50	148.57	107.14	114.44	84.44	152.00	-	236.43	106.43	150.00	100.00	-	-	-	-	227.45	104.55	144.44	100.00	-	-	150.00	-
10	CHICKMAGALUR	142.08	140.83	131.25	178.44	-	143.31	131.89	162.92	137.92	-	-	189.38	-	161.14	125.00	-	-	-	-	183.60	-	153.17	122.40	-	-	170.60	137.92
11	CHITRADURGA	225.00	183.75	162.50	217.83	108.89	141.17	110.33	80.00	-	-	-	217.83	108.00	138.46	110.00	80.00	-	-	-	216.01	100.00	142.73	112.73	80.00	-	187.50	140.83
12	D.KANNADA	300.00	250.00	200.00	251.67	-	220.00	159.83	-	-	368.45	215.05	250.61	181.25	210.90	149.34	-	-	336.48	180.55	237.50	-	218.18	154.17	-	-	365.38	212.75
13	DAVANGERE	306.67	225.00	176.67	239.09	122.86	162.36	120.71	157.08	116.67	228.47	115.00	214.60	109.83	152.60	102.15	-	-	196.85	112.86	209.26	106.94	147.41	107.80	-	-	204.44	132.05
14	DHARWAD	206.67	206.67	160.00	195.53	160.00	163.33	137.50	133.33	112.50	-	-	199.62	155.80	159.17	130.00	133.33	112.50	-	-	183.33	152.50	155.83	125.00	133.33	112.50	-	-
15	GADAG	233.33	233.33	173.33	227.35	97.33	131.60	93.33	80.00	70.00	-	-	207.86	95.19	131.60	93.00	80.00	70.00	-	-	-	-	-	-	-	-	-	-
16	GULBARGA	223.33	172.50	168.33	230.80	88.56	148.33	99.28	113.33	82.08	-	-	230.80	88.56	148.33	99.28	113.33	82.08	-	-	234.55	88.56	148.33	99.28	113.33	82.08	-	-
17	HASSAN	264.58	220.42	196.67	199.88	133.75	173.14	162.04	137.50	137.50	120.00	-	223.27	135.00	176.70	163.70	141.67	141.67	194.00	-	216.13	120.00	173.06	155.00	137.50	137.50	208.23	-
18	HAVERI	151.25	149.58	134.17	165.73	111.67	125.00	111.67	125.00	111.67	-	-	155.65	111.67	125.00	111.88	-	-	-	-	155.65	111.67	124.31	111.67	-	-	125.00	111.67
19	KODAGU	400.00	300.00	300.00	241.67	250.00	214.17	211.67	-	-	-	-	230.00	-	220.00	220.00	-	-	-	-	283.33	-	200.00	200.00	-	-	279.17	258.33
20	KOLAR	250.00	250.00	225.00	216.67	150.00	150.00	100.00	120.00	100.00	-	-	206.25	132.00	147.50	111.97	120.00	100.00	-	-	231.25	-	-	-	120.00	100.00	-	-
21	KOPPAL	210.83	182.50	156.67	238.64	125.00	173.75	122.25	107.14	82.86	-	-	254.92	132.00	178.75	121.83	-	-	151.25	271.96	153.40	182.00	130.63	-	-	-	151.25	-
22	MANDYA	162.50	162.50	157.50	202.27	100.00	157.64	100.00	150.00	100.00	-	-	203.03	-	157.20	100.00	-	-	-	-	203.03	-	160.61	100.00	-	-	237.50	-
23	MYSORE	170.83	170.83	161.67	174.06	109.17	154.86	111.81	80.00	60.00	176.67	100.00	178.40	102.50	151.39	105.56	-	-	176.67	100.00	212.15	125.00	-	-	-	-	173.54	100.00
24	RAICHUR	241.67	205.00	178.33	188.17	158.53	113.33	103.89	130.00	120.00	-	-	193.47	159.21	115.50	105.75	130.00	120.00	-	-	204.72	136.00	119.17	109.17	130.00	120.00	-	-
25	RAMANAGAR	246.67	206.67	168.33	238.00	150.00	228.57	176.79	-	-	250.00	-	229.58	178.57	231.25	179.69	-	-	-	-	228.54	178.57	235.00	183.75	-	-	243.18	200.00
26	SHIMOGA	237.50	197.92	165.00	156.48	102.26	149.70	100.48	101.67	100.00	-	-	161.60	101.96	153.63	102.87	108.33	100.00	200.27	137.95	187.58	104.49	160.35	108.19	110.00	100.00	185.10	120.12
27	TUMKUR	204.17	181.67	157.50	200.00	150.00	200.00	150.00	-	-	-	-	200.00	150.00	200.00	150.00	-	-	200.00	150.00	200.69	150.00	200.00	150.00	100.00	80.00	195.00	150.00
28	UDUPI	279.17	264.58	205.00	-	-	-	-	85.00	75.00	-	-	178.00	-	184.00	114.53	-	-	200.00	-	-	-	166.67	106.67	-	-	187.19	101.67
29	U.KANNADA	222.50	198.33	196.67	205.73	127.50	153.57	132.78	112.50	100.83	-	-	205.73	127.50	153.15	133.75	109.17	97.50	-	-	177.00	150.00	135.00	120.00	-	-	187.74	162.57
30	YADGIR	205.00	196.67	195.00	274.00	125.56	191.50	141.50	150.00	100.00	-	-	346.67	165.83	228.82	157.90	150.00	100.00	-	-	346.67	165.83	221.88	156.55	150.00	100.00	-	-
	STATE	234.96	207.17	180.39	212.93	129.17	166.02	126.66	120.65	101.54	198.88	147.26	212.48	130.80	169.31	127.87	113.27	99.89	200.47	141.97	215.85	130.21	168.42	128.48	114.65	100.71	199.73	152.62

Note: A = Labourers at the time of ploughing, digging, sowing, interculturing, watering &amp; uprooting.

B = Labourers at the time of manuring, transplanting, weeding, reaping &amp; picking.

C = Activities like cattle, sheep &amp; goat grazing.

D = Harvesting in areca &amp; coconuts, peeling the coconuts, arecanuts, trimming &amp; spraying in areca &amp; coconut gardens and any other operations relating to arecanut &amp; coconut gardens.

M = Male, F = Female

**ANNEXURE - 10**  
**NUMBER OF LIVESTOCK, POULTRY, AGRICULTURAL MACHINERY AND IMPLEMENTS**  
**AS PER 19th LIVESTOCK CENSUS 2012**

Sl. No	Groups	Category	Numbers	Total	
1	2	3	4	5	
I.	CATTLE			9516484	
	1) Males	i) Exotic and cross breed	205182		
		ii) Indigenous	2771874		
	2) Females	i) Exotic and cross breed	2707335		
		ii) Indigenous	3832093		
II.	BUFFALOES			3470505	
	1) Males	i) Upto 2 years	292673		
		ii) Above 2 years			
		a) Used for breeding only	19218		
		b) Used for Draught only	39171		
		c) Used for both Draught and Breeding	5013		
		d) Others	4299		
		2) Females	i) Under 1 years		641309
	ii) 1 to 3 years		413078		
	iii) Above 3 years				
	a) In milk		1295061		
	b) Dry		602843		
	c) Not yet calved even once		143346		
	d) Others		14494		
	TOTAL BOVINES				12986989
	Cattle and Buffaloes	1) Males	3337430		
		2) Females	9649559		
III	SHEEP			9583761	
	1) Males	i) Exotic and cross breed	13516		
		ii) Indigenous	1915272		
	2) Females	i) Exotic and cross breed	26764		
		ii) Indigenous	7628209		

**ANNEXURE - 10**  
**NUMBER OF LIVESTOCK, POULTRY, AGRICULTURAL MACHINERY AND IMPLEMENTS**  
**AS PER 19th LIVESTOCK CENSUS 2012**

Sl. No	Groups	Category	Numbers	Total
1	2	3	4	5
IV	GOATS			4796147
	1) Males	i) Under one year	576480	
		ii) One year and above	511723	
	2) Females	i) Under one year	964334	
		ii) One year and above	2743610	
V	HORSES AND PONIES			12976
	1) Males	i) Under three years	2251	
		ii) 3 years and above	5473	
	2) Females	i) Under three year	1537	
		ii) 3 years and above	3715	
VI	MULES	i) Under three year	193	762
		ii) 3 years and above	569	
VII	DONKEYS	i) Male	8615	16312
		ii) Female	7697	
VII	CAMELS	i) Male	127	151
		ii) Female	24	
XI	PIGS	i) Exotic and cross breed	43524	304798
		ii) Indigenous	261274	
X	POULTRY	i) Backyard poultry	9700025	53442030
		ii) Farm poultry	43742005	
XI	NUMBER OF EQUIPMENTS	i) Milking machine	1154	42249
	USED IN LIVESTOCK	ii) Mechanised Fodder cutter	23118	
	SECTOR	iii) Mechanised Chopper & Baler	16270	
		iv) Mechanised Dung Collection	1707	
		and / or disposal equipments		

Source : Commissionerate of Animal Husbandary and veterinary Services, Bengaluru.