

**F.NO. 3-1/2012-CFCC – E&S**  
**GOVERNMENT OF INDIA**  
**MINISTRY OF AGRICULTURE**  
**DEPARTMENT OF AGRICULTURE & COOPERATION**  
**(CROP FORECAST COORDINATION CENTRE)**

Room No. 344-A, Krishi Bhawan  
New Delhi, Dated: 23<sup>rd</sup> August, 2012

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 17.08.2012.**

*Summary observations of the Group on Agenda Items*

- *Cumulative Monsoon Rainfall for the country as a whole during the period 1<sup>st</sup> June to 15<sup>th</sup> August, 2012 is 15% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was (-) 25% in North West India, (-) 10% in Central India, (-) 18% in South Peninsula and (-) 13% in East & North East India.*
- *Out of a total of 36 met sub-divisions, 20 met sub-divisions constituting 53% of the total area of the country have received excess / normal rainfall and the remaining 16 met sub-divisions constituting 47% of the total area of the country have received deficient/scanty rainfall. Scanty rainfall met sub-divisions are Haryana, Chandigarh & Delhi, Punjab and Saurashtra & Kutch.*
- *Out of 628 districts for which data was available, 51 (8%) received excess, 234 (37%) received normal, 268 (43%) received deficient and 73 (12%) received scanty rainfall.*
- *IMD has forecast good rainfall in the North West, Eastern & Central India next week. In North West India East Rajasthan, Haryana, Punjab and UP are expected to get good rains. Southern Peninsula would get subdued rainfall.*
- *Cumulative deficiency in rainfall of (-)16% on 16<sup>th</sup> August, 2012 is lower than (-) 29% and (-)24% deficiency recorded on the corresponding dates in 2009 & 2002. Percentage of districts (12%) receiving scanty rainfall is also lower in 2012 as compared to (22%) in 2009 and (21%) in 2002 on the corresponding dates in those years.*
- *Central Water Commission monitors 84 major reservoirs in the country which have a total live capacity of 154.42 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 16<sup>th</sup> August, 2012 was 79.35 BCM as against 97.07 BCM on 16.08.2011(last year) and 79.11 BCM of normal storage (average storage of the last 10 years). Current year's storage is 82% of the last year's and 100% of the normal storage. Major States reporting lower than normal storage are Himachal Pradesh, Punjab, West Bengal, Tripura, Andhra Pradesh, Karnataka, Kerala, Maharashtra and Tamil Nadu.*
- *Basin level reservoir storage (with reference to average storage) was lower by (-) 34% in Krishna, (-) 23% in Godavari, (-) 29% in Cauvery, (-) 29% in West flowing rivers of South, (-) 39% in Indus, (-) 75% in Rivers of Kutch and (-) 19% in Sabarmati basin. Reservoir storage was better at 85% in Ganga, 70% in Narmada, 18%in Mahanadi, 55% in Mahi and 22% in Tapi basin.*

- *Contingency plans for sowing of alternate crops in rainfall deficit areas have been prepared and shared with the States and are being rolled out in Karnataka, Maharashtra, Gujarat and Rajasthan.*
- *883.72 lakh ha. area had been sown under various Kharif crops upto 17.08.2012 as compared to average sown area of 896.22 lakh ha. upto the corresponding period of previous years. Area coverage is higher by 17.2 lakh ha. in Rice, 13.5 lakh ha. in Soyabean, 5.2 lakh ha. in Cotton and 6.2 lakh ha. in Sugarcane. Major decline (compared to average area) has been reported under Bajra (-21.2 lakh ha.), Jowar (-4.9 lakh ha.), Pulses (-11.8 lakh ha.), Groundnut (-9.0 lakh ha.), Sunflower (-2.1 lakh ha.) and Castor (-1.5 lakh ha.).*
- *Department of Fertilizers has informed that due to the recent spell of widespread rains, several States have sought increased allocation of fertilizers than the requirement projected by them earlier. It may not be possible to meet this additional demand without decreasing the fertilizer allocated to other States, which does not appear feasible.*
- *Inflation rate (%) on year on year basis of several food articles has significantly increased. Inflation during July, 2012 was 10.12% for Rice, 6.67% for Wheat, 28.26% for Pulses, 72.96% for Potato, 24.11% for Vegetables and 7.91% for Sugar. Department of Consumer Affairs & Department of Food have been advised to examine price trends & take remedial measures, as required.*

## Salient aspects of discussions / presentations in the meeting

### **Rainfall & Temperature (As reported by India Meteorological Department, (IMD))**

#### Monsoon Rainfall (June - September) during the week ending on 15<sup>th</sup> August), 2012

- **Widespread rainfall** occurred over Konkan & Goa and Coastal Karnataka for most days, over Kerala and Lakshadweep for many days, over Gangetic West Bengal, Himachal Pradesh and West Madhya Pradesh for a few days and over Sub-Himalayan West Bengal & Sikkim, Odisha, Jharkhand, Uttarakhand, East Rajasthan, East Madhya Pradesh, Gujarat region and Chhattisgarh for one or two days during the week.
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- **Fairly widespread rainfall** occurred over Nagaland, Manipur, Mizoram & Tripura and East Rajasthan for many days, over Jharkhand, Uttarakhand, Himachal Pradesh, Madhya Pradesh, Madhya Maharashtra, South Interior Karnataka and Lakshadweep for a few days and over Assam & Meghalaya, West Bengal & Sikkim, Odisha, Bihar, Uttar Pradesh, Haryana, Chandigarh & Delhi, Jammu & Kashmir, West Rajasthan, Gujarat region, Konkan & Goa, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh, Telangana, Coastal Karnataka, North Interior Karnataka and Kerala for one or two days during the week.
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- **Scattered rainfall** occurred over Bihar for most days, over West Uttar Pradesh and Telangana for many days, over northeast states, Odisha, Jammu & Kashmir, West Rajasthan, Chhattisgarh and Coastal Andhra Pradesh for a few days and over Andaman & Nicobar Islands, West Bengal & Sikkim, Jharkhand, East Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, Madhya Pradesh, Gujarat state, Madhya Maharashtra, Marathawada, Vidarbha, Rayalaseema, Tamilnadu & Puducherry and Interior Karnataka for one or two days during the week.
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- **Isolated rainfall** occurred over Saurashtra & Kutch and Rayalaseema for most days; over Andaman & Nicobar Islands, Arunachal Pradesh, East Uttar Pradesh, Punjab, Marathawada, Tamilnadu & Puducherry and North Interior Karnataka for many days; over Assam & Meghalaya, Haryana, Chandigarh & Delhi and Vidarbha for a few days and over Sub-Himalayan West Bengal & Sikkim, Jharkhand, West Uttar Pradesh, Uttarakhand, Jammu & Kashmir, West Rajasthan, East Madhya Pradesh, Madhya Maharashtra, Chhattisgarh, Coastal Andhra Pradesh, Telangana, South Interior Karnataka and Kerala for one or two days during the week.
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- Weather was **dry** over the rest region of the country.
- **Rainfall during the week (01<sup>st</sup> June - 15<sup>th</sup> August, 2012)** was 17 met sub-divisions received excess / normal rainfall and 19 met sub-divisions received deficient / scanty rainfall.
- **Cumulative rainfall (01<sup>st</sup> June - 15<sup>th</sup> August, 2012)** was excess / normal in 20 met sub-divisions rainfall and 16 met sub-divisions received deficient / scanty rainfall out of 36 met sub-divisions.

**Table-1: Weekly and Cumulative Rainfall in four regions of the country<sup>1</sup>**

Region	Week Ending (15.08.2012)				Cumulative (01.06.12 to 15.08.12)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	62.4	53.6	17	N	301.8	404.0	-25	D
Central India	69.2	70.6	-2	N	582.8	648.7	-10	N
South Peninsular India	44.5	43.5	2	N	387.3	470.5	-18	D
East & North-East India	62.1	85.4	-27	D	837.3	963.5	-13	N
Country as a whole	61.1	62.4	-2	N	498.6	588.6	-15	N

E: Excess, N: Normal, D: Deficient, S: Scanty, NR: No Rain.

Source: India Meteorological Department, New Delhi

### ***Weather Outlook / Forecast for the period 16<sup>th</sup> - 22<sup>nd</sup> August, 2012 by IMD***

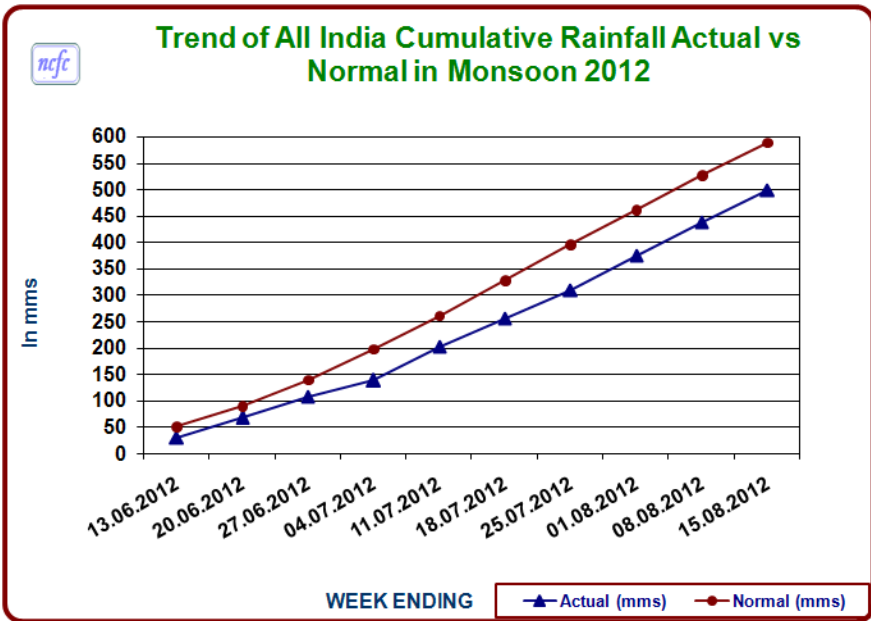
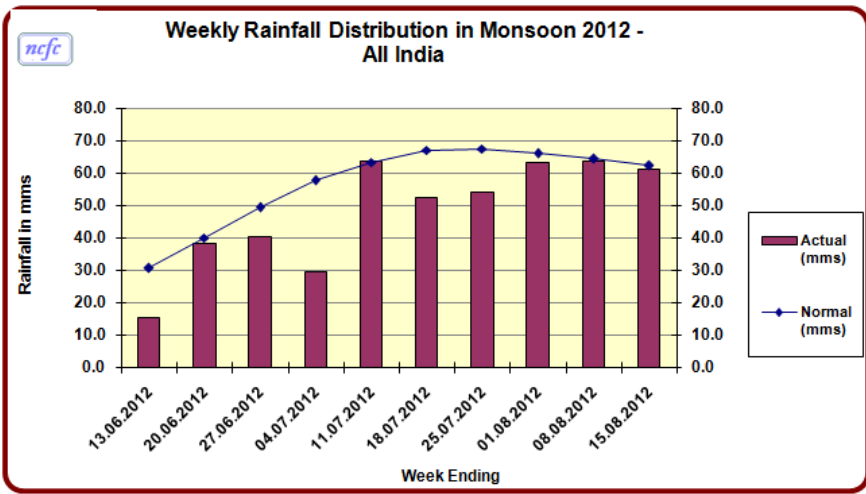
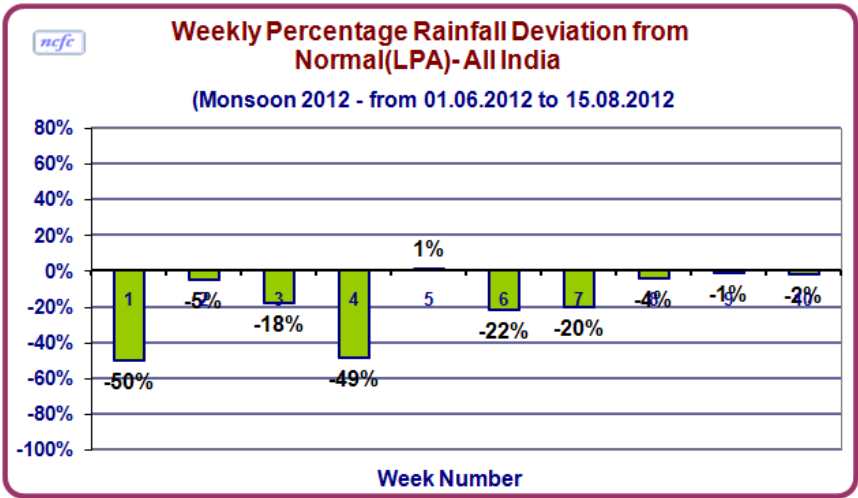
#### ***Outlook for the Week Ending 22<sup>nd</sup> August, 2012***

- *Rainfall would occur at many places over Northeastern States and Central & Northwest India.*

1. North-west India - Uttar Pradesh, Rajasthan, Haryana, Chandigarh and Delhi, Punjab, Uttaranchal, Himachal Pradesh, and Jammu and Kashmir.  
Central India - Madhya Pradesh, Chhattisgarh, Maharashtra and Gujarat

South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

North-east India - Bihar, Jharkhand, Orissa, West Bengal, Sikkim, Assam, Arunachal Pradesh, Meghalaya, Nagaland, Manipur, Mizoram, Tripura, and Andaman and Nicobar Islands.



## Reservoir Status (For the week ending on 16.08.2012)

- The **Central Water Commission** monitors the live storage of **84** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **154.42** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 84 major reservoirs **increased** to 79.35 BCM from the previous week's level of 64.48 BCM. Current storage is **less** than the last year's position of 97.07 BCM and lower than the average of last 10 year's storage of 79.11 BCM.

**Table – 2: For 84 major reservoirs of the country**

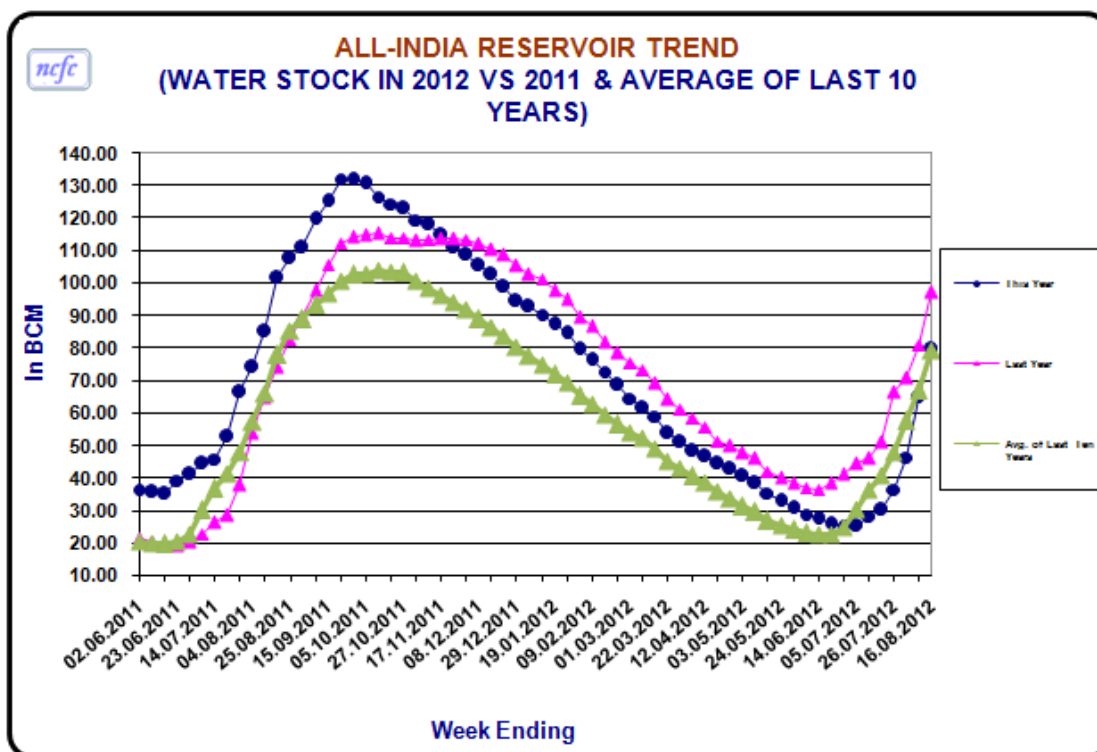
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	51	82	100
Last Week	42	80	96

The percentage to live capacity at FRL was 63% on 16/08/2011, 48% on 16/08/2010, 38% on 13/08/2009 and 49% on 14/08/2008.

\* *Live storage as % to Full Reservoir Level (FRL) of 154.42 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 48 reservoirs having storage more than 80%, 16 reservoirs having storage between 50% to 80% of Normal Storage, 11 reservoir having storage between 30% to 50% of Normal Storage, 09 reservoir having storage 30% or below of Normal Storage and 2 reservoirs namely Bhima (Ujjani) (Maha) and Jayakwadi (Maha) having no live storage.



Source: Central Water Commission

### **Fertilizer Position:**

**Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during April to August 2012**

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement for April to July, 2012</i>	<i>9537</i>	<i>4435</i>	<i>1352</i>	<i>3526</i>
<i>Availability as on 17.08.2012</i>	<i>9360</i>	<i>2460</i>	<i>933</i>	<i>3361</i>
<i>Sales as on 17.08.2012</i>	<i>8851</i>	<i>1930</i>	<i>635</i>	<i>2463</i>
<i>Closing Stock as on 17.08.2012</i>	<i>509</i>	<i>530</i>	<i>298</i>	<i>898</i>
<i>Requirement for August, 2012</i>	<i>3185</i>	<i>1161</i>	<i>439</i>	<i>1019</i>

**Source: Fertilizer Division (DAC) / Deptt. of Fertilizer**

### **Pest & Diseases:**

- The incidence of pest & diseases generally remained below Economic Threshold Level for most of the crops.
- No shortage of Chemical / Bio-pesticides was reported from any State / UT.

**Table: 4**

<b>All India Crop Situation - Kharif (2012-13) as on 17-08-2012</b>							
							(In lakh hectares)
Crop Name	Average Area for whole Kharif Season	Average Area as on date	Area sown reported			Absolute Change over (+/-)	
			This Year 2012	% of Average for whole season	Last Year 2011	Average as on date	Last Year
Rice	391.10	290.60	307.76	319.2	319.16	17.2	-11.4
Jowar	32.88	27.84	22.98	69.9	24.40	-4.9	-1.4
Bajra	92.70	75.16	53.91	58.2	74.40	-21.2	-20.5
Maize	70.64	70.03	69.45	98.3	70.05	-0.6	-0.6
<b>Total Coarse Cereals</b>	<b>218.58</b>	<b>187.98</b>	<b>157.97</b>	<b>72.3</b>	<b>181.67</b>	<b>-30.0</b>	<b>-23.7</b>
<b>Total Cereals</b>	<b>609.68</b>	<b>478.58</b>	<b>465.73</b>	<b>76.4</b>	<b>500.83</b>	<b>-12.9</b>	<b>-35.1</b>
Tur	37.00	36.22	33.82	91.4	35.03	-2.4	-1.2
Urad	23.11	20.53	21.24	91.9	20.03	0.7	1.2
Moong	26.29	22.64	17.00	9.2	21.28	-5.6	-4.3
Others	23.36	17.72	13.26	56.8	21.04	-4.5	-7.8
<b>Total Pulses</b>	<b>109.75</b>	<b>97.11</b>	<b>85.32</b>	<b>77.7</b>	<b>97.39</b>	<b>-11.8</b>	<b>-12.1</b>
<b>Total Foodgrains</b>	<b>719.43</b>	<b>575.69</b>	<b>551.05</b>	<b>76.6</b>	<b>598.21</b>	<b>-24.6</b>	<b>-47.2</b>
Groundnut	49.94	44.30	35.30	70.7	40.31	-9.0	-5.0
Soyabean	92.11	92.86	106.40	115.5	102.27	13.5	4.1
Sunflower	6.33	3.61	1.49	23.4	1.89	-2.1	-0.4
Sesamum	18.67	12.93	12.40	66.4	13.90	-0.5	-1.5
Niger	4.03	1.20	1.22	30.3	0.95	0.0	0.3
Castor	7.79	5.43	3.96	50.8	8.11	-1.5	-4.2
<b>Total Oilseed</b>	<b>178.89</b>	<b>160.32</b>	<b>160.77</b>	<b>89.9</b>	<b>167.43</b>	<b>0.5</b>	<b>-6.7</b>
Cotton	98.66	105.11	110.26	111.8	116.81	5.2	-6.5
Sugarcane	47.36	46.71	52.88	111.7	50.59	6.2	2.3
Jute	7.96	8.39	8.77	110.2	8.93	0.4	-0.2
<b>All- Crops</b>	<b>1052.30</b>	<b>896.22</b>	<b>883.72</b>	<b>84.0</b>	<b>941.96</b>	<b>-12.5</b>	<b>-58.2</b>
Source: Crops & TMOP Divisions, DAC							



**Table - 5 : Percentage Variations in the Wholesale Price Indices (WPI) of Major items**

Period / commodities	Weight	Inflation (year on year)		
		July, 2012	June, 2012	June , 2011
<b>All Commodities</b>	<b>100</b>	<b>6.87</b>	<b>7.25</b>	<b>9.36</b>
<b>Primary Articles</b>	<b>20.12</b>	<b>10.39</b>	<b>10.46</b>	<b>11.47</b>
<b>(a) Food Articles</b>	<b>14.34</b>	<b>10.06</b>	<b>10.81</b>	<b>8.19</b>
<b>Cereals</b>	<b>3.37</b>	<b>8.29</b>	<b>6.70</b>	<b>5.20</b>
Rice	1.79	10.12	7.46	2.41
Wheat	1.12	6.67	6.82	1.79
<b>Pulses</b>	<b>0.72</b>	<b>28.26</b>	<b>20.48</b>	<b>-7.48</b>
Gram	0.33	63.45	59.48	16.46
Arhar	0.13	10.03	0.54	-18.99
Moong	0.08	-0.40	-5.64	-19.71
Masur	0.05	23.43	18.52	-25.05
Urad	0.10	-7.44	-16.72	-16.89
<b>Vegetables</b>	<b>1.74</b>	<b>24.11</b>	<b>48.84</b>	<b>7.79</b>
Potato	0.20	72.96	75.85	7.03
Onions	0.18	-9.81	-9.40	27.15
Fruits	2.11	-0.15	-3.64	14.82
Milk	3.24	8.01	7.30	10.77
Egg, Meat & Fish	2.41	16.00	16.25	9.56
<b>(b) Non-Food Articles</b>	<b>4.26</b>	<b>13.05</b>	<b>6.85</b>	<b>15.77</b>
Oilseeds	1.78	25.22	18.53	13.93
<b>Fuel &amp; Power</b>	<b>14.91</b>	<b>5.98</b>	<b>10.27</b>	<b>12.04</b>

**Procurement:****Table – 6: Progressive procurement of Rice as on 17.08.2012 (lakh tonnes)**

State	Total procurement in marketing season 2010-11 (Oct. – Sept.)	Progressive Procurement as on 17.08.2012	
		In Marketing season 2011-2012	In Marketing season 2010-2011
Andhra Pradesh	96.10	74.80	91.05
Chhattisgarh	37.39	41.15	36.62
Haryana	16.87	19.85	16.87
Kerala	2.63	3.72	2.60
Maharashtra	3.08	1.77	2.08
Orissa	24.76	28.33	24.57
Punjab	86.35	77.31	86.35
Tamil Nadu	15.83	15.96	14.18
Uttar Pradesh	24.66	33.50	24.10
Uttaranchal	4.22	3.78	3.99
West Bengal	13.10	18.70	10.69
All-India	340.94	347.60	328.14