

**F.NO. 3-1/2011-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: 19<sup>th</sup> July, 2012

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON  
13.07.2012.**

**Summary observations of the Group on Agenda Items**

- *Monsoon has covered all parts of the country on 11<sup>th</sup> July, 2012.*
- *Cumulative Monsoon Rainfall for the country as a whole during the period 1<sup>st</sup> June to 11<sup>th</sup> July, 2012 is 22% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was (-) 36% in North West India, (-) 22% in Central India, (-) 27% in South Peninsula and (-) 13% in East & North East India. Cumulative rainfall deficiency as on 11<sup>th</sup> July vis-à-vis 30<sup>th</sup> June, 2012 position has significantly improved from (-) 69% to (-) 36% in Northwest India, from (-) 39% to (-) 22% in Central India and from (-) 29% to (-) 27% in South Peninsula. Deficiency has gone up from (-) 5% to (-) 13% in East & Northeast India.*
- *Out of a total of 36 met sub-divisions, 15 met sub-divisions constituting 40% of the total area of the country have received excess / normal rainfall. The remaining 21 met sub-divisions constituting 60% of the total area of the country have received deficient/scanty rainfall.*
- *In the coming week, IMD has forecast very good rainfall in the foothills of Himalayas i.e. in Uttar Pradesh, Uttarakhand, J&K, Bihar and West Bengal. Good rainfall is also expected in Odisha, Chhattisgarh, Madhya Pradesh and Vidarbha (Maharashtra). Rest of the country including Punjab, Haryana, Rajasthan, Karnataka and Southern Andhra Pradesh is expected to receive subdued rainfall.*
- *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). As a result of the widespread rains in the past week, reservoir position has improved from 16% of FRL on 05<sup>th</sup> July, 2012 to 18% of FRL on 12<sup>th</sup> July, 2012. Current live storage in these reservoirs as on 12<sup>th</sup> July, 2012 was 28.17 BCM as against 46.10 BCM on 12.07.2011(last year) and 36.22 BCM of normal storage (average storage of the last 10 years). Current year's storage is 61% of the last year's and 78% of the normal storage. Major States reporting lower than normal storage are Himachal Pradesh, Jharkhand, West Bengal, Tripura, Andhra Pradesh, Karnataka, Kerala, Maharashtra, Odisha, UP and Punjab.*
- *Contingency plans for sowing of alternate crops in rainfall deficit areas have been prepared and shared with the States and are expected to be rolled out next week in Karnataka and Maharashtra.*

- *351.04 lakh ha. area had been sown under various Kharif crops upto 13.07.2012 as compared to average sown area of 428.07 lakh ha. upto the corresponding period of previous years. Major decline (compared to average area) has been reported under Rice, Jowar, Bajra, Maize, Moong, Groundnut and Cotton. However, in view of widespread rains in most States last week, sowing of Kharif crops is likely to pick up momentum and deficiency in area coverage particularly in Rice, Bajra, Groundnut and Cotton is likely to get reduced.*
- *All-India progressive procurement of Rice for the marketing season 2011-12 as on 13.07.2012 was 344.68 lakh tonnes which is higher than the procurement of 313.84 lakh tonnes upto the corresponding period of last year.*
- *All-India progressive procurement of Wheat for the marketing season 2012-13 as on 13.07.2012 was 380.30 lakh tonnes which is higher than the procurement of 280.25 lakh tonnes upto the corresponding period of last year.*

## **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 11<sup>th</sup> July), 2012**

- Widespread rainfall occurred over Konkan & Goa and Coastal Karnataka for most days, over Sub-Himalayan West Bengal & Sikkim and East Madhya Pradesh for many days, over Andaman & Nicobar Islands, East Uttar Pradesh, Uttarakhand, West Madhya Pradesh Chhattisgarh, Kerala and Lakshadweep for a few days and over Arunachal Pradesh, Jharkhand, Bihar, Himachal Pradesh, Gujarat Region, Madhya Maharashtra, Marathawada, Vidarbha and Telangana for one or two days during the week.
  - Fairly widespread rainfall occurred over Arunachal Pradesh, Assam & Meghalaya and Gangetic West Bengal for many days, over Nagaland, Manipur, Mizoram and Tripura, Odisha, Jharkhand, West Uttar Pradesh, Coastal Andhra Pradesh and Kerala for a few days, over Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, East Rajasthan, Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Marathawada, Vidarbha, Telangana and Coastal Karnataka for one or two days during the week.
  - Scattered rainfall occurred over Odisha, Bihar, East Rajasthan, Gujarat Region, Madhya Maharashtra and Chhattisgarh for many days, over Nagaland, Manipur, Mizoram & Tripura, West Uttar Pradesh, Himachal Pradesh, Marathawada and North Interior Karnataka for a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, West Bengal & Sikkim, Jharkhand, East Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, Madhya Pradesh, Saurashtra & Kutch, Vidarbha, Andhra Pradesh, South Interior Karnataka and Kerala for one or two days during the week.
  - Isolated rainfall occurred over Saurashtra & Kutch and Tamilnadu & Puducherry for most days, over Punjab, Jammu & Kashmir, West Rajasthan and interior Karnataka for many days, over Haryana, Chandigarh & Delhi, Coastal Andhra Pradesh and Lakshadweep for a few days and over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Uttar Pradesh, East Rajasthan, West Madhya Pradesh, Madhya Maharashtra, Marathawada, Vidarbha, Telangana and Rayalaseema for one or two days during the week.
  - Weather was dry over the rest region of the country.
- 
- **Rainfall during the week (01<sup>st</sup> June - 11<sup>th</sup> July, 2012)** was 21 met sub-divisions received excess / normal rainfall and 15 met sub-divisions received deficient / scanty rainfall.
  - **Cumulative rainfall (01<sup>st</sup> June - 11<sup>th</sup> July, 2012)** was excess / normal in 15 met sub-divisions rainfall and 21 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 (11.07.2012)				Cumulative (01.06.12 to 11.07.12)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	58.1	44.3	31	E	85.8	133.7	-36	D
Central India	76.6	71.2	8	N	213.4	273.0	-22	D
South Peninsular India	35.1	48.0	-27	D	170.9	234.8	-27	D
East & North-East India	82.9	102.7	-19	N	444.5	513.8	-13	N
Country as a whole	63.8	63.4	1	N	202.7	261.0	-22	D

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

Source: India Meteorological Department, New Delhi

## ***Weather Outlook / Forecast for the period 12<sup>th</sup> - 18<sup>th</sup> July, 2012 by IMD***

### **Outlook for the Week Ending 18<sup>th</sup> July, 2012**

- *Rain/thundershowers would occur at many places over West Coast, Eastern & Northeastern States, Western Himalayan region and Gangetic plains and at a few places over Central India.*
- *Subdued rainfall activity would occur over Interior Peninsular India.*

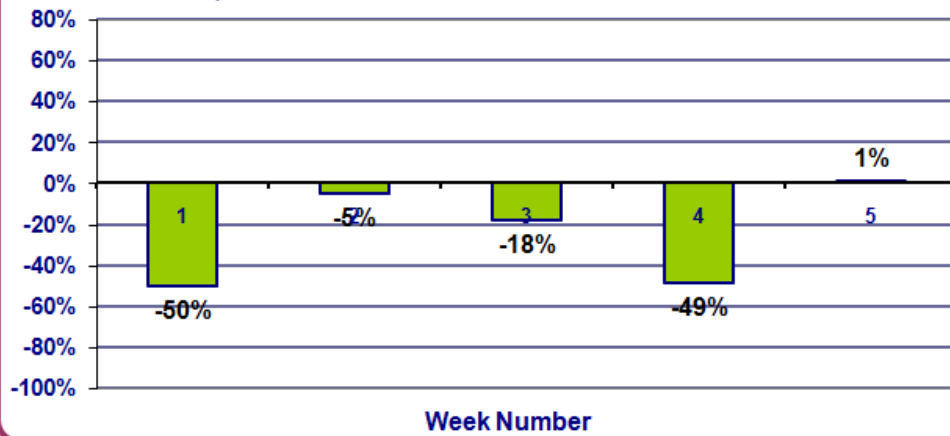
1. North-west India - Uttar Pradesh, Rajasthan, Haryana, Chandigarh and Delhi, Punjab, Uttaranchal, Himachal Pradesh, and Jammu and Kashmir.  
Central India - Madhya Pradesh, Chhattisgarh, Maharashtra and Gujarat

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

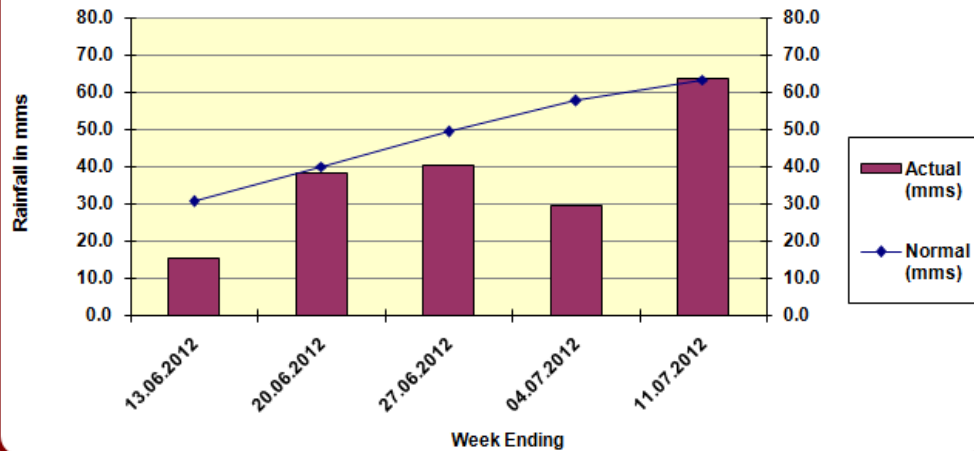
North-east India - Bihar, Jharkhand, Orissa, West Bengal, Sikkim, Assam, Arunachal Pradesh, Meghalaya, Nagaland, Manipur, Mizoram, Tripura, and Andaman and Nicobar Islands.

## Weekly Percentage Rainfall Deviation from Normal(LPA)-All India

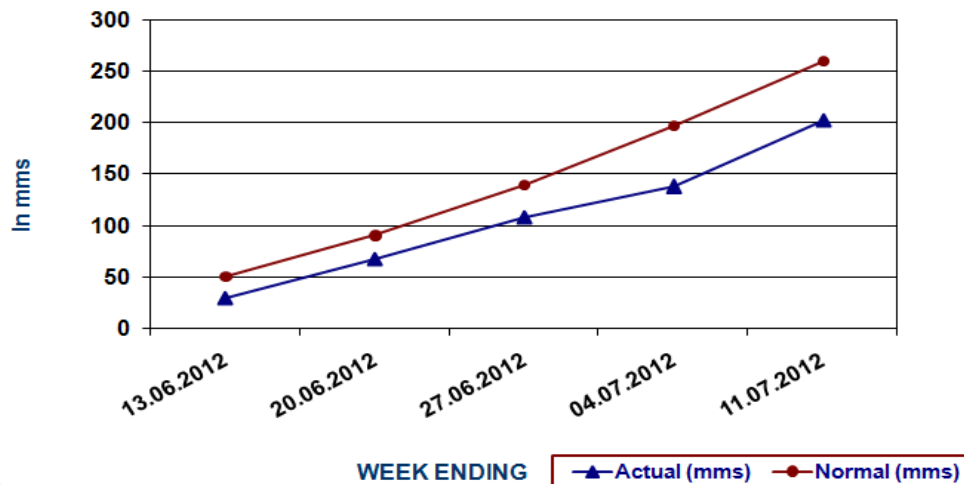
(Monsoon 2012 - from 01.06.2012 to 11.07.2012)



## Weekly Rainfall Distribution in Monsoon 2012 - All India



## Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2012



## Reservoir Status (For the week ending on 12.07.2012)

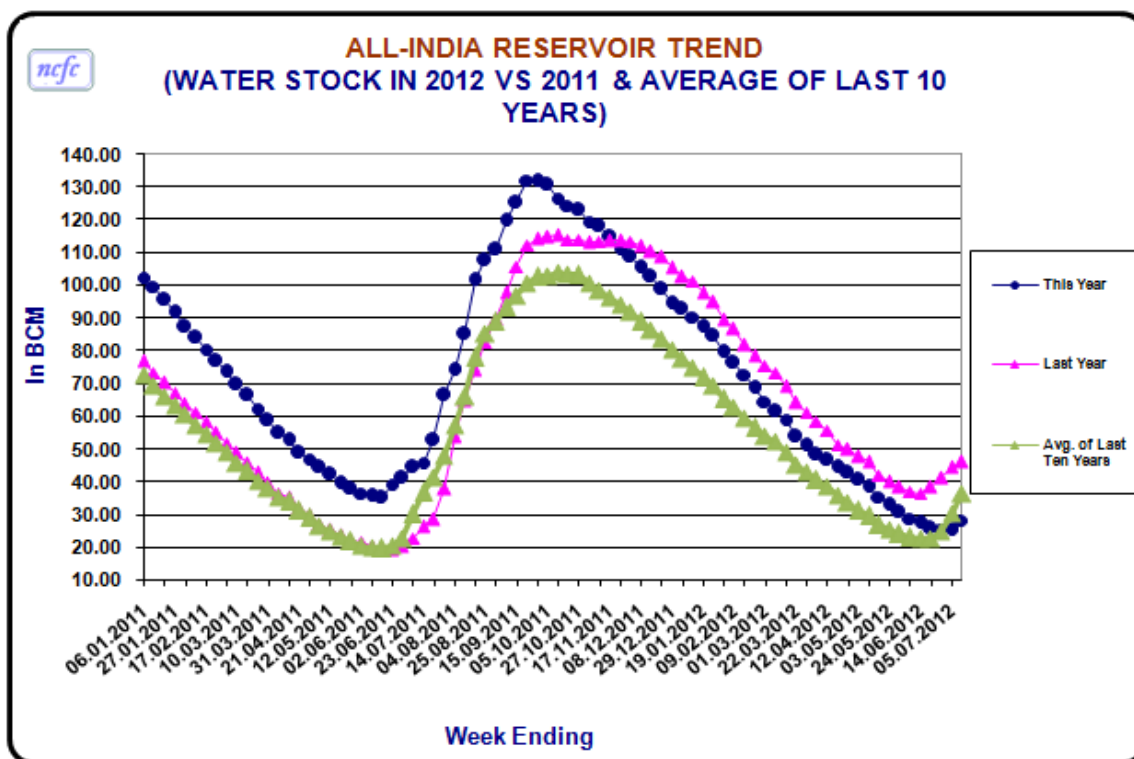
- The **Central Water Commission** monitors the live storage of **84** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **154.42** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 84 major reservoirs **decreased** to 28.17 BCM from the previous week's level of 25.09 BCM. Current storage is **less** than the last year's position of 46.10 BCM and more than the average of last 10 year's storage of 36.22 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	18	61	78
Last Week	16	57	83
The percentage to live capacity at FRL was 30% on 12/07/2011, 17% on 12/07/2010, 11% on 09/07/2009 and 25% on 10/07/2008.			
* Live storage as % to Full Reservoir Level (FRL) of 154.42 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 31 reservoirs having storage more than 80%, 24 reservoirs having storage between 50% to 80% of Normal Storage, 10 reservoir having storage between 30% to 50% of Normal Storage, 19 reservoir having storage 30% or below of Normal Storage and 05 reservoirs namely Bhima (Ujjani), Yeldari (Maha), Malaprabha ( Kar), Kabini and Almatti (Kar) 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, May & June 2012***

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Opening Stock as on 01.04.2012</i>	<i>388</i>	<i>450</i>	<i>172</i>	<i>1032</i>
<i>Requirement for April to June, 2012</i>	<i>6286</i>	<i>2814</i>	<i>897</i>	<i>2467</i>
<i>Availability during 01<sup>st</sup> April to 12<sup>th</sup> July June, 2012</i>	<i>6463</i>	<i>1651</i>	<i>590</i>	<i>2576</i>
<i>Sales during 01<sup>st</sup> April to 12<sup>th</sup> July, 2012</i>	<i>5860</i>	<i>1323</i>	<i>416</i>	<i>1763</i>
<i>Closing stock as on 12.07.2012</i>	<i>603</i>	<i>328</i>	<i>174</i>	<i>813</i>
<i>Requirement for July, 2012</i>	<i>3251</i>	<i>1622</i>	<i>456</i>	<i>1060</i>
<i>Availability as on 12.07.2012</i>	<i>880</i>	<i>358</i>	<i>180</i>	<i>824</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 13-07-2012</b>							
						(In lakh hectares)	
Crop Name	Normal Area for whole Kharif Season	Normal Area as on date	Area sown reported			Absolute Change over (+/-)	
			This Year 2012	% of Normal for whole season	Last Year 2011	Normal as on date	Last Year
Rice	391.10	111.63	96.79	24.7	120.40	-14.8	-23.6
Jowar	32.88	12.10	6.83	20.8	8.87	-5.3	-2.0
Bajra	92.70	28.46	8.52	9.2	29.40	-19.9	-20.9
Maize	70.64	34.27	21.76	30.8	31.38	-12.5	-9.6
Total Coarse Cereals	218.58	79.82	39.76	18.2	74.39	-40.1	-34.6
Total Cereals	609.68	191.45	136.55	22.4	194.79	-54.9	-58.2
Tur	37.00	12.39	9.50	25.7	9.46	-2.9	0.0
Urad	23.11	6.36	4.62	20.0	6.32	-1.7	-1.7
Moong	26.29	8.94	4.59	17.5	8.06	-4.3	-3.5
Others	23.36	5.20	1.83	7.8	9.00	-3.4	-7.2
Total Pulses	109.75	32.88	20.54	18.7	32.83	-12.3	-12.3
Total Foodgrains	719.43	224.33	157.09	21.8	227.62	-67.2	-70.5
Groundnut	49.94	20.92	10.71	21.4	15.50	-10.2	-4.8
Soyabean	92.11	50.61	54.52	59.2	67.34	3.9	-12.8
Sunflower	6.33	1.89	0.45	7.0	0.49	-1.4	0.0
Sesamum	18.67	3.57	1.27	6.8	2.46	-2.3	-1.2
Niger	4.03	0.15	0.06	1.5	0.07	-0.1	0.0
Castor	7.79	1.19	0.70	8.9	1.12	-0.5	-0.4
Total Oilseed	178.89	78.33	67.70	37.8	86.97	-10.6	-19.3
Cotton	98.66	70.43	65.22	66.1	59.22	-5.2	6.0
Sugarcane	47.36	46.97	52.85	111.6	50.77	5.9	2.1
Jute	7.96	8.00	8.19	102.9	8.79	0.2	-0.6
All- Crops	1052.30	428.07	351.04	33.4	433.37	-77.0	-82.3
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)		
		May, 2012	April, 2012	May , 2011
<b>All Commodities</b>	<b>100</b>	<b>7.55</b>	<b>7.23</b>	<b>9.56</b>
<b>Primary Articles</b>	<b>20.12</b>	<b>10.88</b>	<b>9.71</b>	<b>12.92</b>
<b>(a) Food Articles</b>	<b>14.34</b>	<b>10.74</b>	<b>10.49</b>	<b>8.25</b>
<b>Cereals</b>	<b>3.37</b>	<b>5.73</b>	<b>5.80</b>	<b>5.76</b>
Rice	1.79	5.07	5.68	3.79
Wheat	1.12	6.81	3.25	-0.42
<b>Pulses</b>	<b>0.72</b>	<b>16.61</b>	<b>11.29</b>	<b>-9.21</b>
Gram	0.33	55.96	47.34	5.41
Arhar	0.13	-5.43	-11.22	-16.27
Moong	0.08	-6.17	-6.99	-22.21
Masur	0.05	10.56	-0.47	-25.72
Urad	0.10	-16.71	-16.00	-6.46
<b>Vegetables</b>	<b>1.74</b>	<b>49.43</b>	<b>60.97</b>	<b>-0.66</b>
Potato	0.20	68.10	53.44	0.08
Onions	0.18	-7.32	-12.11	8.13
Fruits	2.11	-6.07	-15.34	27.42
Milk	3.24	11.90	15.51	6.11
Egg, Meat & Fish	2.41	17.89	17.54	6.59
<b>(b) Non-Food Articles</b>	<b>4.26</b>	<b>8.47</b>	<b>1.61</b>	<b>21.42</b>
Oilseeds	1.78	19.18	16.66	12.06
<b>Fuel &amp; Power</b>	<b>14.91</b>	<b>11.53</b>	<b>11.03</b>	<b>12.32</b>

## Procurement:

**Table – 6: Progressive procurement of Wheat as on 13.07.2012 (lakh tonnes)**

State	Total procurement in marketing season 2011-12 (April - March)	Progressive Procurement as on 13.07.2012	
		In Marketing season 2012-2013	In Marketing season 2011-2012
<b>Punjab</b>	<b>109.58</b>	<b>128.34</b>	<b>109.57</b>
<b>Haryana</b>	<b>69.28</b>	<b>86.65</b>	<b>68.82</b>
<b>Uttar Pradesh</b>	<b>34.61</b>	<b>50.63</b>	<b>34.61</b>
<b>Madhya Pradesh</b>	<b>49.65</b>	<b>84.93</b>	<b>49.05</b>
<b>Rajasthan</b>	<b>13.03</b>	<b>19.64</b>	<b>13.03</b>
<b>All-India</b>	<b>283.35</b>	<b>380.30</b>	<b>280.25</b>

**Table – 7: Progressive procurement of Rice as on 13.07.2012 (lakh tonnes)**

State	Total procurement in marketing season 2010-11 (Oct. – Sept.)	Progressive Procurement as on 13.07.2012	
		In Marketing season 2011-2012	In Marketing season 2010-2011
<b>Andhra Pradesh</b>	<b>96.10</b>	<b>73.97</b>	<b>85.36</b>
<b>Chhattisgarh</b>	<b>37.39</b>	<b>41.15</b>	<b>30.30</b>
<b>Haryana</b>	<b>16.87</b>	<b>19.85</b>	<b>16.87</b>
<b>Kerala</b>	<b>2.63</b>	<b>3.72</b>	<b>2.60</b>
<b>Maharashtra</b>	<b>3.08</b>	<b>1.58</b>	<b>2.05</b>
<b>Orissa</b>	<b>24.76</b>	<b>27.78</b>	<b>24.25</b>
<b>Punjab</b>	<b>86.35</b>	<b>77.31</b>	<b>86.35</b>
<b>Tamil Nadu</b>	<b>15.83</b>	<b>15.96</b>	<b>13.85</b>
<b>Uttar Pradesh</b>	<b>24.66</b>	<b>33.45</b>	<b>23.95</b>
<b>Uttaranchal</b>	<b>4.22</b>	<b>3.78</b>	<b>3.99</b>
<b>West Bengal</b>	<b>13.10</b>	<b>17.50</b>	<b>9.97</b>
<b>All-India</b>	<b>340.94</b>	<b>344.68</b>	<b>313.84</b>