

**F.NO. 3-1/2011-NCFC – E&S  
GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE  
DEPARTMENT OF AGRICULTURE & COOPERATION  
(NATIONAL CROP FORECASTING CENTRE)**

Room No. 344-A, Krishi Bhawan  
New Delhi, Dated: 02<sup>nd</sup> September, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON  
26.08.2011.**

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

- *In the Monsoon season, cumulative rainfall received for the country as a whole during the period 1<sup>st</sup> June to 24<sup>th</sup> August, 2011 was 656.0 mm which is 1% less than the L.P.A. Rainfall received (% departure from normal) in the four broad divisions of the country during the above period is (6%) in North-West India, (0%) in Central India, (3%) in South Peninsula and (-10%) in East & North-East India.*
- *Out of 36 met sub-divisions 32 met sub-divisions received excess/normal rainfall and 04 received deficient rainfall. Deficient Sub-divisions are Assam & Meghalaya(-28%), NMMT (-24%), Haryana, Chandigarh & Delhi (-29%) and Orissa (-23%).*
- *In 81 major reservoirs monitored by CWC in different parts of the country, total live storage has increased from 101.54 BCM on 18.08.2011 to 107.33 BCM on 25.08.2011.*
- *As per latest information available on sowing of crops, around 95% of the normal area under kharif crops have been sown upto 26.08.2011. Area sown under all kharif crops taken together has been reported to be 992.49 lakh hectares at All India level as compared to 962.68 lakh hectares in the corresponding period of 2010.*
- *Area reported was higher by 36.0 lakh ha. under Rice, 10.2 lakh ha. under Soyabean, 1.0 lakh ha. under Sesamum, 3.0 lakh ha. under Castor, 10.5 lakh ha. under Cotton and 2.4 lakh ha. under Sugarcane. Area coverage was lower by 3.8 lakh ha. under Jowar, 8.0 lakh ha. under Bajra, 7.2 lakh ha. under Tur, 1.9 lakh ha. under Urad, 4.8 lakh ha. under Moong and 7.1 lakh ha. under Groundnut.*
- *The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for all crops.*
- *The Primary Articles inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 13.08.2011 increased to 12.40% from the previous week's level of 11.64%. The inflation rate was 15.88% during the corresponding period of last year.*

- *Among the foodgrains, inflation for Rice has increased to 5.43% from the previous week's level of 5.06%, Pulses to -4.96% from the previous week's level of -5.06%; Wheat has decreased to -2.80% from the previous week's level of 0.59% and Cereals to 4.91% from the previous week's level of 5.98%.*
- *The inflation for non-food items has increased to 17.80% from the previous week's level of 16.07% and for the food items to 9.74% from the previous week's level of 9.03%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 26.08.2011 was 331.17 lakh tonnes which is higher than the procurement of 306.15 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 24<sup>th</sup> August, 2011

- **Widespread rainfall** occurred over Konkan & Goa for most days, over Andaman & Nicobar Islands, Uttarakhand, Coastal Karnataka and Lakshadweep for many days, over Kerala for a few days and over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Bihar, Haryana, Chandigarh & Delhi, Madhya Pradesh, Gujarat Region, Marathawada, Chhattisgarh, Coastal Andhra Pradesh, Rayalaseema and interior Karnataka for one or two days of the week.
- **Fairly widespread rainfall** occurred over Marathawada, Telangana and Rayalaseema for many days, over Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, West Madhya Pradesh, Vidarbha and Coastal Andhra Pradesh for a few days and over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Orissa, Jharkhand, Bihar, Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Chhattisgarh, Tamilnadu & Puducherry, Karnataka, Kerala and Lakshadweep for one or two days of the week.
- **Scattered rainfall** occurred over Assam & Meghalaya, Jharkhand, Vidarbha and south Interior Karnataka for many days, over Nagaland, Manipur, Mizoram & Tripura, East Uttar Pradesh, Gujarat Region, Madhya Maharashtra, Coastal Andhra Pradesh and Kerala for a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, West Bengal & Sikkim, Orissa, Bihar, West Uttar Pradesh, Uttarakhand, Himachal Pradesh, Punjab, Jammu & Kashmir, Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Chhattisgarh, Telangana, Rayalaseema, Tamilnadu & Puducherry and North Interior Karnataka for one or two days of the week.
- **Isolated rainfall** occurred over Gangetic West Bengal, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, Rajasthan, East Madhya Pradesh, Saurashtra & Kutch and Tamilnadu & Puducherry for many days, over Orissa, Bihar and West Uttar Pradesh for a few days and over Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Jharkhand, East Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Marathawada, Chhattisgarh, Telangana, Rayalaseema, North Interior Karnataka and Lakshadweep for one or two days of the week.
- Weather was **dry** over the rest region of the country.
- Rainfall during the week was excess / normal in 22 and deficient / scanty in 14 out of 36 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> June to 24<sup>th</sup> August, 2011)** was excess / normal in 32 met sub-divisions and deficient / scanty in 04 met sub-divisions out of 36 met sub-division.

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

Region	Week Ending (24.08.2011)				Cumulative (01.06.11 to 24.08.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	40.3	47.0	-14	N	492.4	464.6	6	N
Central India	48.8	63.0	-23	D	730.5	733.4	0	N
South Peninsular India	69.3	40.9	70	E	538.7	523.3	3	N
East & North-East India	59.1	81.1	-27	D	958.9	1067.9	-10	N
Country as a whole	51.9	56.6	-8	N	656.0	662.8	-1	N

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

Source: India Meteorological Department, New Delhi

### ***Weather Outlook / Forecast for the period 25<sup>th</sup> - 31<sup>st</sup> August, 2011 by IMD***

#### **Outlook for the Week Ending 31<sup>st</sup> August, 2011**

- *Fairly widespread rain/thundershowers would occur over Maharashtra, Coastal Andhra Pradesh, Orissa, Gujarat Region, Jammu & Kashmir, Nagaland, Manipur, Mizoram & Tripura, Andaman & Nicobar Islands and west coast.*
- *Subdued rainfall activity over remaining parts of the country.*

#### **Warning:**

- *Isolated heavy rainfall would occur over Orissa, North Andhra Pradesh, Gangetic West Bengal, Chhattisgarh, East Madhya Pradesh, Vidarbha, Madhya Maharashtra and Gujarat Region during next 48 hours.*

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

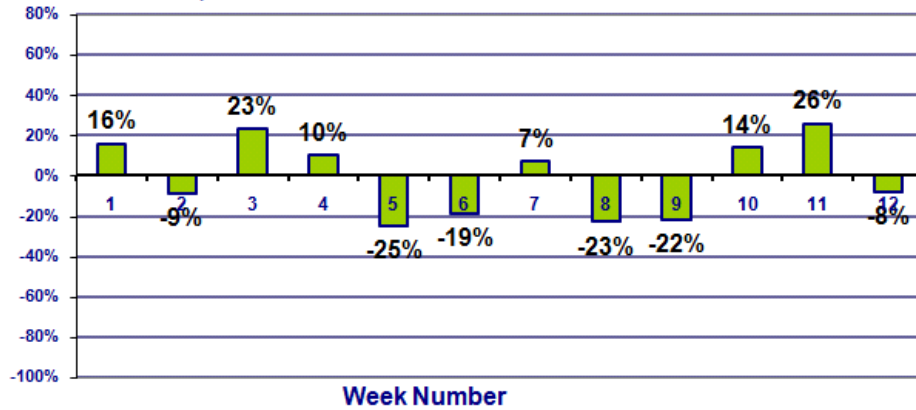
South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

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

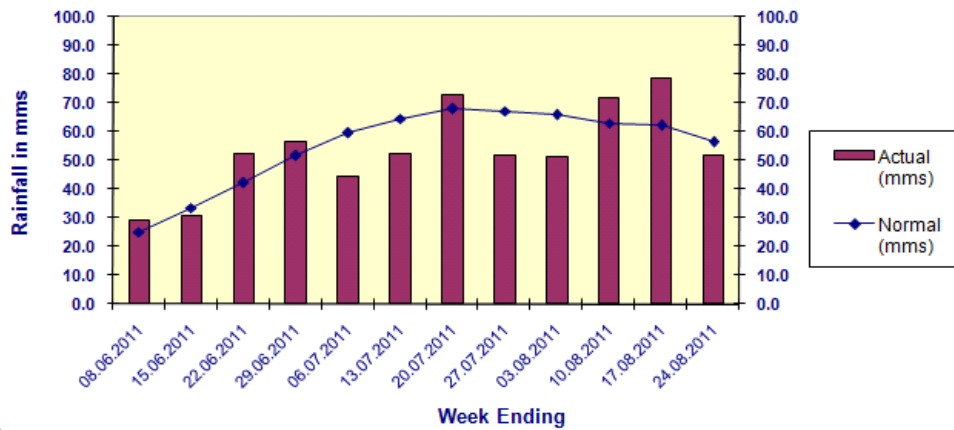


### Weekly Percentage Rainfall Deviation from Normal(LPA)-All India

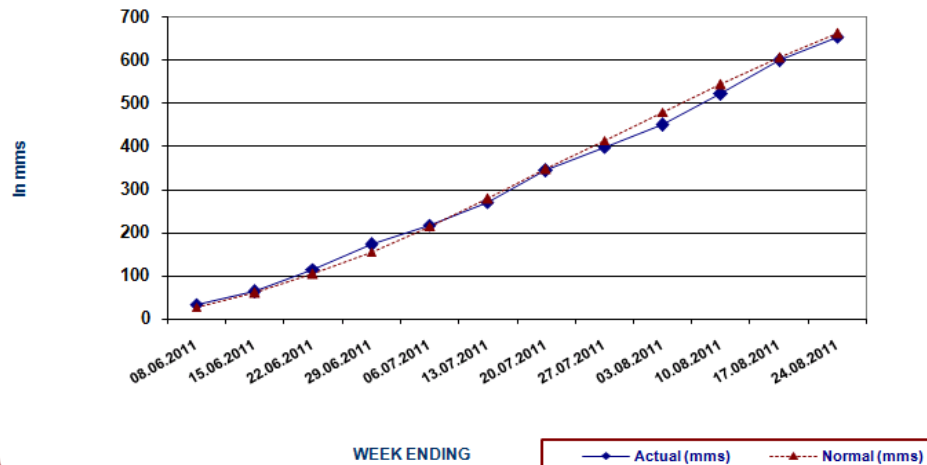
(Monsoon 2011 - from 01.06.2011 to 24.08.2011)



### Weekly Rainfall Distribution in Monsoon 2011 - All India



### Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2011



## Reservoir Status (For the week ending on 25.08.2011)

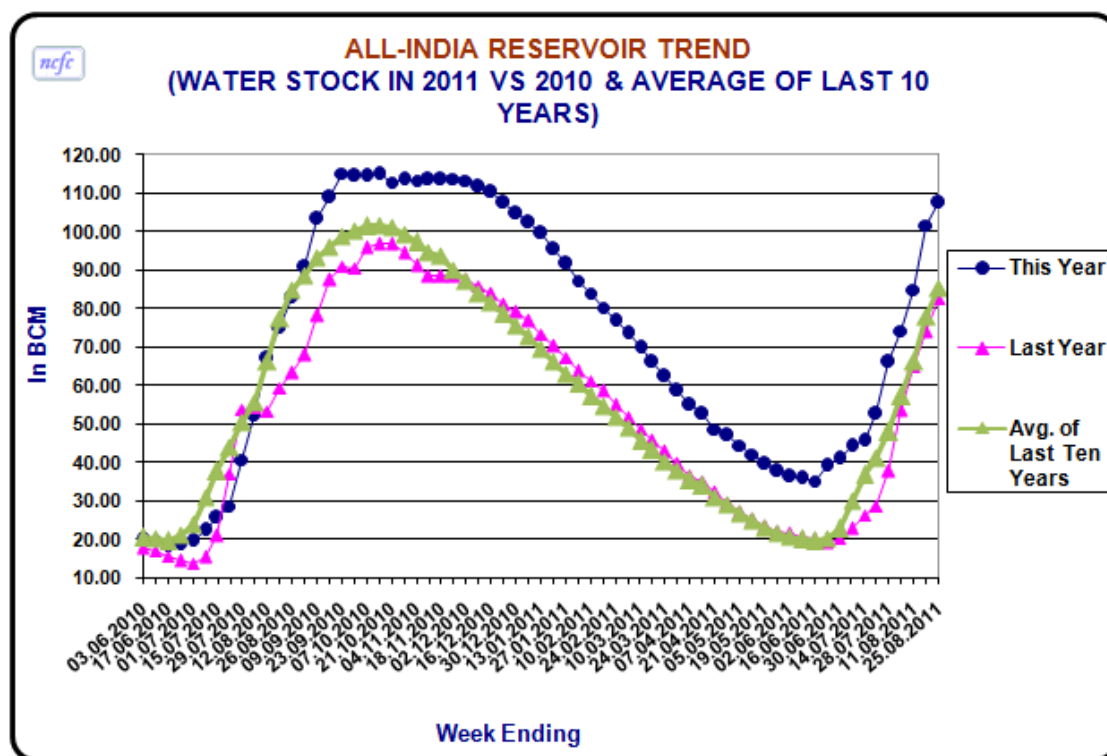
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **increased** to 107.33 BCM from the previous week's level of 101.54 BCM. Current storage is **more** than the last year's position of 82.52 BCM and average of last 10 year's storage of 85.16 BCM.

**Table – 2: For 81 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
04/08	71	130	126
	67	137	130
The percentage to live capacity at FRL was 54% on 25/08/2010, 42% on 25/08/2009, 57% on 21/08/2008 and 68% on 21/08/2007.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 70 reservoirs having storage more than 80%, 3 reservoirs having storage between 50% to 80% of Normal Storage, 3 reservoirs having storage between 30% to 50% of Normal Storage and 5 reservoirs having storage 30% or below.



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 2011***

*(in '000 Tonnes)*

<b><i>Availability / Sale / Closing Stock</i></b>	<b><i>Urea</i></b>	<b><i>DAP</i></b>	<b><i>MOP</i></b>	<b><i>Complex</i></b>
<b><i>Requirement for 1<sup>st</sup> April to 24<sup>th</sup> August, 2011</i></b>	<b><i>12100</i></b>	<b><i>5772</i></b>	<b><i>1742</i></b>	<b><i>4178</i></b>
<b><i>Availability during 1<sup>st</sup> April to 24<sup>th</sup> August, 2011</i></b>	<b><i>10403</i></b>	<b><i>3421</i></b>	<b><i>644</i></b>	<b><i>3977</i></b>
<b><i>Sales during 1<sup>st</sup> April to 24<sup>th</sup> August, 2011</i></b>	<b><i>9856</i></b>	<b><i>3144</i></b>	<b><i>641</i></b>	<b><i>3575</i></b>
<b><i>Closing Stock as on 24.08.2011</i></b>	<b><i>547</i></b>	<b><i>277</i></b>	<b><i>3</i></b>	<b><i>402</i></b>
<b><i>Requirement for September, 2011</i></b>	<b><i>2116</i></b>	<b><i>1366</i></b>	<b><i>512</i></b>	<b><i>1028</i></b>

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

## **Pest & Diseases:**

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

**Table - 4 : Percentage Variations in the Wholesale Price Indices (WPI) of Major items**

Period / commodities	Weight	Point to Point annual Inflation		
		Latest Week	Previous Week	Last Year
		13.08.2011	06.08.2011	14.08.2010
<b>Primary Articles</b>	<b>20.12</b>	<b>12.40</b>	<b>11.64</b>	<b>15.88</b>
<b>(a) Food Articles</b>	<b>14.34</b>	<b>9.74</b>	<b>9.03</b>	<b>14.62</b>
<b>Cereals</b>	<b>3.37</b>	<b>4.91</b>	<b>5.98</b>	<b>9.16</b>
Rice	1.79	5.43	5.06	7.55
Wheat	1.12	-2.80	0.59	11.77
Jowar	0.10	39.45	37.97	7.50
Bajra	0.12	4.92	5.25	12.12
Maize	0.22	22.67	23.54	8.86
Barley	0.02	14.61	15.56	6.22
Ragi	0.02	18.28	18.57	-0.96
<b>Pulses</b>	<b>0.72</b>	<b>-4.96</b>	<b>-5.06</b>	<b>7.40</b>
Gram	0.33	18.99	18.31	-5.22
Arhar	0.13	-14.16	-13.89	-7.08
Moong	0.08	-17.18	-16.89	48.37
Masur	0.05	-20.10	-19.39	-15.81
Urad	0.10	-20.18	-20.05	41.21
<b>Vegetables</b>	<b>1.74</b>	<b>6.52</b>	<b>2.59</b>	<b>-5.19</b>
Potatoes	0.20	16.39	7.22	-46.44
Onions	0.18	44.42	37.62	-2.03
Fruits	2.11	27.01	26.46	12.52
Milk	3.24	9.51	9.76	26.78
Egg, Meat & Fish	2.41	13.37	9.93	24.19
<b>(b) Non-Food Articles</b>	<b>4.26</b>	<b>17.80</b>	<b>16.07</b>	<b>16.24</b>
Oilseeds	1.78	15.91	16.47	3.19
<b>Fuel &amp; Power</b>	<b>14.91</b>	<b>13.13</b>	<b>13.13</b>	<b>12.48</b>



**Table:5**

<i>All India Crop Situation - Kharif (2011-12) as on 26.08.2011</i>						
Crop Name	Normal Area for whole Kharif Season	Area sown reported				(In lakh hectares)
						Change vis-à-vis prev. year
		This Year 2011	% of Normal	Last Year 2010	2008	Absolute Change 2010
<b>Rice</b>	<b>393.58</b>	<b>348.78</b>	<b>88.6</b>	<b>312.76</b>	<b>344.76</b>	<b>36.0</b>
<b>Jowar</b>	<b>34.27</b>	<b>25.47</b>	<b>74.3</b>	<b>29.23</b>	<b>27.97</b>	<b>-3.8</b>
<b>Bajra</b>	<b>92.63</b>	<b>76.52</b>	<b>74.4</b>	<b>84.49</b>	<b>74.75</b>	<b>-8.0</b>
<b>Maize</b>	<b>69.59</b>	<b>72.01</b>	<b>103.5</b>	<b>72.74</b>	<b>69.50</b>	<b>-0.7</b>
<b>Total Coarse Cereals</b>	<b>219.68</b>	<b>189.07</b>	<b>86.1</b>	<b>202.37</b>	<b>191.58</b>	<b>-13.3</b>
<b>Total Cereals</b>	<b>613.26</b>	<b>537.85</b>	<b>87.7</b>	<b>515.13</b>	<b>536.34</b>	<b>22.7</b>
<b>Tur</b>	<b>35.42</b>	<b>37.02</b>	<b>104.5</b>	<b>44.19</b>	<b>33.30</b>	<b>-7.2</b>
<b>Urad</b>	<b>22.36</b>	<b>21.97</b>	<b>98.2</b>	<b>23.82</b>	<b>19.77</b>	<b>-1.9</b>
<b>Moong</b>	<b>25.56</b>	<b>22.92</b>	<b>89.7</b>	<b>27.67</b>	<b>22.80</b>	<b>-4.8</b>
<b>Others</b>	<b>23.13</b>	<b>20.74</b>	<b>89.7</b>	<b>19.97</b>	<b>21.92</b>	<b>0.8</b>
<b>Total Pulses</b>	<b>106.47</b>	<b>102.64</b>	<b>96.4</b>	<b>115.66</b>	<b>97.79</b>	<b>-13.0</b>
<b>Total Foodgrains</b>	<b>719.73</b>	<b>640.49</b>	<b>89.0</b>	<b>630.79</b>	<b>634.13</b>	<b>9.7</b>
<b>Groundnut</b>	<b>51.47</b>	<b>41.92</b>	<b>81.5</b>	<b>49.01</b>	<b>50.28</b>	<b>-7.1</b>
<b>Soyabean</b>	<b>88.33</b>	<b>103.09</b>	<b>116.7</b>	<b>92.85</b>	<b>95.19</b>	<b>10.2</b>
<b>Sunflower</b>	<b>7.54</b>	<b>2.13</b>	<b>28.2</b>	<b>2.57</b>	<b>4.95</b>	<b>-0.4</b>
<b>Sesamum</b>	<b>17.95</b>	<b>14.50</b>	<b>80.7</b>	<b>13.45</b>	<b>13.61</b>	<b>1.0</b>
<b>Niger</b>	<b>4.12</b>	<b>1.44</b>	<b>35.0</b>	<b>1.61</b>	<b>2.15</b>	<b>-0.2</b>
<b>Castor</b>	<b>7.76</b>	<b>10.02</b>	<b>129.0</b>	<b>7.06</b>	<b>6.77</b>	<b>3.0</b>
<b>Total Oilseed</b>	<b>177.17</b>	<b>173.10</b>	<b>97.7</b>	<b>166.56</b>	<b>172.94</b>	<b>6.5</b>
<b>Cotton</b>	<b>93.55</b>	<b>118.05</b>	<b>126.2</b>	<b>107.53</b>	<b>89.09</b>	<b>10.5</b>
<b>Sugarcane</b>	<b>46.00</b>	<b>51.67</b>	<b>112.3</b>	<b>49.32</b>	<b>44.13</b>	<b>2.4</b>
<b>Jute+Mesta</b>	<b>9.20</b>	<b>9.18</b>	<b>99.8</b>	<b>8.48</b>	<b>7.37</b>	<b>0.7</b>
<b>All- Crops</b>	<b>1045.64</b>	<b>992.49</b>	<b>94.9</b>	<b>962.68</b>	<b>947.66</b>	<b>29.8</b>

Source: Crops &amp; TMOP Divisions, DAC

## Procurement:

**Table – 6: Progressive procurement of Rice as on 26.08.2011 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 26.08.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
Andhra Pradesh	75.55	92.36	67.52
Chhattisgarh	33.57	36.73	31.57
Haryana	18.19	16.87	18.16
Kerala	2.61	2.63	2.61
Maharashtra	2.29	2.85	2.13
Orissa	24.96	24.60	24.82
Punjab	92.75	86.35	92.75
Tamil Nadu	12.41	14.65	11.71
Uttar Pradesh	29.01	24.27	27.11
Uttaranchal	3.75	4.17	3.74
West Bengal	12.40	10.79	12.01
All-India	320.34	331.17	306.15