

F.NO. 3-1/2006-NCFC – E&S
GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE
DEPARTMENT OF AGRICULTURE & COOPERATION
(NATIONAL CROP FORECASTING CENTRE)

Room no. 344-A, Krishi Bhavan, New Delhi
Dated, the 14th August, 2007

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD
ON 10.08.2007.**

Presentations in the meeting

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

Rainfall during the week ending on 08th August, 2007

- The **southwest monsoon** entered into an active phase causing enhanced **rainfall activity** over central parts of the country and peninsular India during the week.
- **Widespread/fairly widespread rainfall** occurred over Orissa during 5-7th Aug. 07 Chhattisgarh during 6th-8th Aug. 07 and Madhya Pradesh during 7 & 8th Aug. 07, Gujarat state during 4-8th Aug. 07, Madhya Maharashtra during 5th-8th Aug.07 and west coast throughout the week.
- **Widespread/fairly widespread rainfall** also occurred over Himachal Pradesh, West Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi and east Rajasthan during first half of the week and Interior Karnataka, Lakshadweep, Coastal Andhra Pradesh, Telangana and Vidarbha during many days of the week.
- **Heavy to very heavy rainfall** at a few places with isolated extremely heavy falls occurred over Orissa, Chhattisgarh, Vidarbha, Madhya Maharashtra, West Madhya Pradesh, Guajrat State and along the West Coast during the week.
- **Rainfall activity** was subdued over northeastern states, east India outside Orissa, southeast Peninsula, Andaman & Nicobar Island where **isolated /scattered rainfall** occurred on many days during the week.
- **Isolated / scattered rainfall** also occurred over remaining parts of Northwest India during the week.

Warning: Isolated heavy to very heavy rainfall is likely over Orissa, Coastal West Bengal, Kerala, Lakshadweep, Coastal Karnataka, Konkan & Goa and Andaman & Nicobar Islands.

- **Out of 36 meteorological sub-divisions, rainfall during the week was in excess / normal in 24 and deficient / scanty in 12 sub-divisions.**

Cumulative seasonal rainfall (1st June to 08th August, 2007)

- **Out of 36 meteorological sub-divisions, cumulative rainfall at the end of the week was in excess / normal in 32, deficient / scanty in 4 sub-divisions.**

Table-1: Cumulative Rainfall from 01st to 08th August, 07 in four regions of the country ¹

Region	Actual (in mm)	Normal (in mm)	Deviation (%)	Category
North-West India	326.9	344.9	(-)5	Normal
Central India	660.3	589.0	12	Normal
South Peninsular India	531.8	430.3	24	Excess
North-East India	863.7	885.0	(-)2	Normal
Country as a whole	565.0	530.0	7	Normal

Source: IMD

² 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.

Weather Outlook / Forecast for the period 10th - 16th August, 2007 by IMD & NCMRWF

Outlook for the Week Ending on 15th August, 2007

- *A low pressure area is likely to form over North Bay of Bengal around 10th August, 07 causing increase in rainfall activity over East India & Central India.*
- *The axis of monsoon trough at sea level passes through Jaisalmer, Sikar, Aligarh, Gorakpur, Bhagalpur, Asansol. The centre of the low pressure area and thence, Southeastwards to East-central Bay of Bengal.*
- *Western end of monsoon trough is likely to shift towards Western Himalaya during next 48 hrs. Rainfall activities is likely to increase along hilly region of Western Himalaya.*

Zone-wise Weather Forecast:

North & North-West India (J&K, HP, Uttaranchal, Punjab, Haryana, Delhi, West UP)

- *H.P. and Uttaranchal is likely to receive scattered to fairly widespread rains during 11th - 13th August, 2007.*
- *Isolated rainfall is likely over rest of the region.*

East and NE India (East UP, Bihar, Jharkhand, West Bengal, Orissa, NE States)

- *Fairly widespread to widespread rainfall with isolated heavy fall is likely over Orissa, West Bengal, Jharkhand and Bihar during 10th - 15th Aug 07.*
- *Scattered rainfall is likely over East U.P. and NE States during 10th - 14th August, 07.*

Central India (MP, Chhattisgarh, Vidarbha)

- *Scattered rainfall is likely over Chhattisgarh and Vidarbha during 10th - 12th Aug, 07 then increase thereafter.*
- *Isolated rainfall is likely over M.P. during 10th - 12th Aug 07 then increase thereafter.*

South India (Tamil Nadu, AP, Kerala, Karnataka, Andaman & Nicobar Islands, Lakshadweep)

- *Fairly widespread rainfall with isolated very heavy fall is likely over Coastal AP and Coastal Karnataka during 10th - 13th August, 07.*
- *Scattered rainfall is likely over Telangana, Rayalseema, Interior Karnataka, Kerala, Tamil Nadu and Pondicherry.*

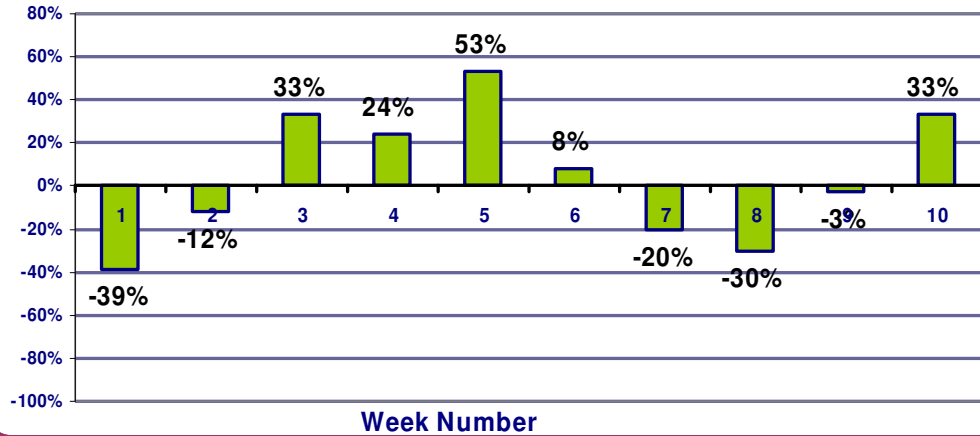
West India (Maharashtra, Other than Vidarbha, Gujarat, Rajasthan)

- *Fairly widespread rainfall with isolated heavy rainfall is likely over Konkan & Goa and Madhya Maharashtra during 10th - 13th Aug, 07.*
- *Scattered rainfall is likely over Marathwara, Gujarat and East Rajasthan during 10th - 14th Aug, 07.*

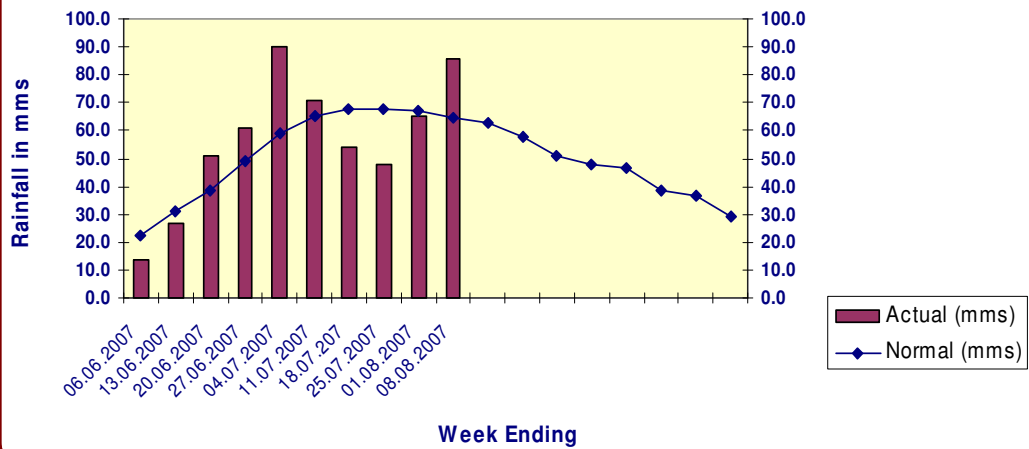


Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

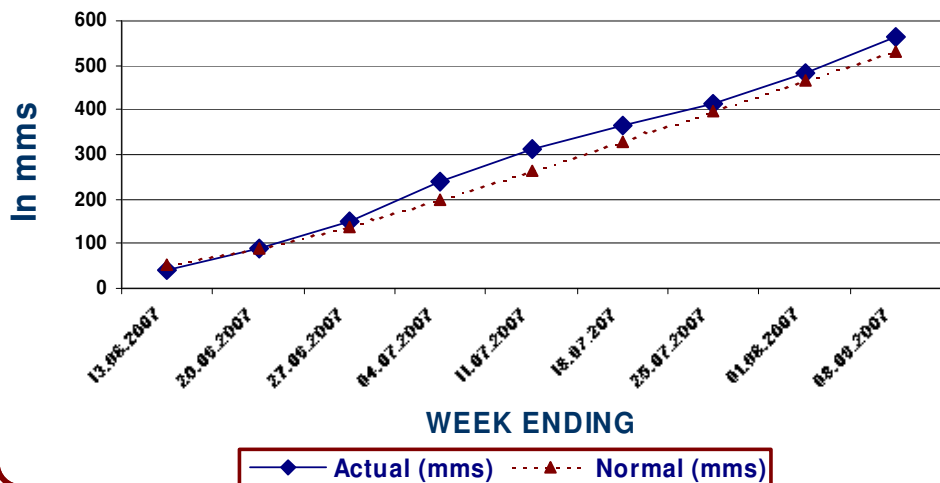
(Monsoon 2007 - from 01.06.2007 to 08.08.2007)



Weekly Rainfall Distribution in Monsoon 2007 - All India



Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2006



Reservoir Status (For the week ending on 09.08.2007)

- The **Central Water Commission** monitors the live storage of **78** important/major reservoirs, having Full Reservoir Level (FRL) of **134.242** billion cubic meters (BCM), which is about 64% of total reservoir capacity in the country.
- Water stock in 78 major reservoirs increased to 83.83 BCM. The current storage is marginally less than the last year's position of 85.64 BCM (76 Reservoirs) and more than the average of last 10 year's storage of 58.29 BCM (76 Reservoirs).

Table – 4: For 78 major reservoirs of the country

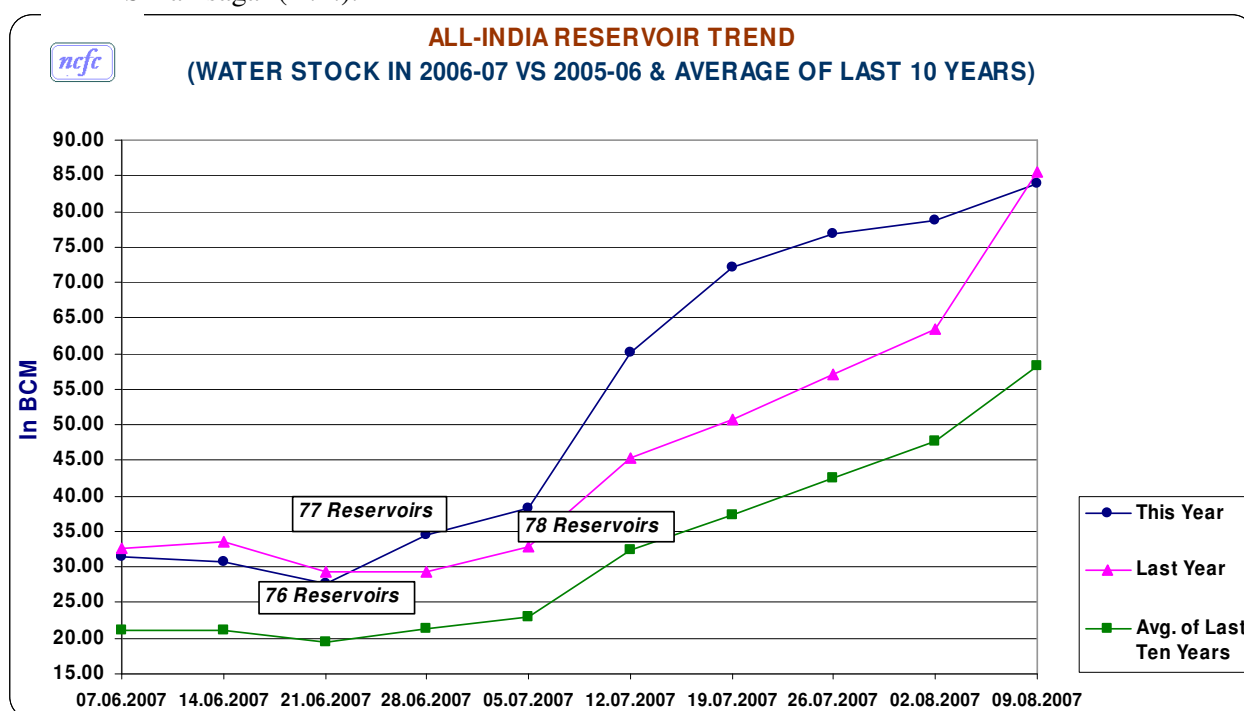
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	62	98	144
Last Week	59	124	165

The percentage to live capacity at FRL was 64% on 09/08/2006, 65% on 09/08/2005, 37% on 09/08/2004 and 36% on 09/08/2003 .

* Live storage as % to Full Reservoir Level (FRL) of 134.24 Billion Cub. Mts.(BCM)

Source: CWC

- There were 70 reservoirs having storage more than 80%, 4 reservoirs having storage between 50% to 80% of Normal Storage and one reservoir having storage between 30% to 50% of Normal Storage.
- There were three reservoirs namely Vanivilas Sagar (Kar) and Rihand (UP) having storage less than 30% of normal and there was no live storage in one reservoir namely Sriramsagar (A.P.).



Source: Central Water Commission

Fertilizer Position:

Table – 5: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during 1st to 5th August, 2007

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>
<i>Requirement for August, 2007</i>	<i>2203</i>	<i>616</i>	<i>321</i>
<i>Availability during 1st to 5th Aug, 07</i>	<i>3396</i>	<i>833</i>	<i>404</i>
<i>Sales during 1st to 5th Aug, 07</i>	<i>935</i>	<i>167</i>	<i>75</i>
<i>Closing Stock as on 05.08.2007</i>	<i>2461</i>	<i>666</i>	<i>329</i>

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

Pest & Diseases:

Locust Situation

- No desert locust found in the area surveyed by LWO staff in Rajasthan and Gujarat States.
- No shortage of Chemical / Bio-pesticides reported from any State / UT.

Price Situation of Agricultural Commodities as submitted by the Department of Consumer Affairs

Inflation

The all-commodity inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 28.07.2007 increased by 0.09 percentage points to 4.45% from the previous week's level 4.36%. The inflation rate was 4.16% during the corresponding period last year.

Table – 7: Retail prices of Essential Agricultural Commodities at Delhi

						(Rs. Per Kg.)
Items	Current price 09.08.07	1 week ago 02.08.07	Fortnight ago 26.07.07	1 month ago 9.07.07	1 year ago 09.08.06	% Variation 09.08.07 over 09.08.06
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Rice	15.00	15.00	15.00	15.00	14.00	7.1
Wheat	12.00	12.00	12.00	11.00	10.00	20.0
Atta	13.00	13.00	13.00	12.00	11.00	18.2
Gram Dal	33.00	33.00	34.00	33.00	31.00	6.5
Tur Dal	39.00	40.00	39.00	39.00	33.00	18.2
Sugar	16.00	16.00	16.00	17.00	21.00	-23.8
Groundnut Oil	114.00	107.00	107.00	103.00	85.00	34.1
Mustard Oil	61.00	60.00	60.00	60.00	52.00	17.3
Vanaspatti	60.00	59.00	59.00	57.00	52.00	15.4
Tea (Loose)	106.00	106.00	108.00	106.00	106.00	Steady
Milk	19.00	19.00	18.00	18.00	16.00	18.8
Potato	15.00	13.00	13.00	12.00	12.00	25.0
Onion	15.00	14.00	15.00	13.00	9.00	66.7

- Source : Department of food and Civil Supplies, Delhi

During the week, prices of most of the essential agricultural commodities namely Rice, Wheat, Atta, Sugar, Gram dal, Tea (Loose) and Milk remained at the same level as they were last week. Rise in prices was noted in **Groundnut oil** (Rs.7.00 per kg, 6.5%), **Mustard oil** (Re. 1.00 per kg, 1.7%), **Vanaspatti** (Re. 1.00 per kg, 1.7%), **Potato** (Rs. 2.00 per kg, 15.4%) and **Onion** (Re. 1.00 per kg, 7.1%). Fall in price was noted in **Tur dal** (Re. 1.00 per kg, 2.5 %).

As compared to the last year Tea (Loose) remained steady. Increase in prices was noted in **Rice** (Re. 1.00 per kg, 7.1%), **Wheat** (Rs. 2.00 per kg, 20.0%), **Atta** (Rs. 2.00 per kg, 18.2%), **Gram Dal** (Rs. 2.00 per kg, 6.5%), **Tur dal** (Rs. 6.00 per kg, 18.2%), **Mustard Oil** (Rs. 9.00 per ltr., 17.3%), **Groundnut oil** (Rs. 29.00 per ltr, 34.1%), **Vanaspatti** (Rs. 8.00 per ltr, 15.4%), **Milk** (Rs. 3.00 per ltr, 18.8%), **Potato** (Rs. 3.00 per kg, 25.0%) and **Onion** (Rs. 6.00 per kg, 66.7%) and decrease in price of **Sugar** (Rs. 5.00 per kg, (-)23.8%) was observed.

Procurement :

Table – 8: Progressive procurement of Rice as on 09.08.2007 (lakh tonnes)

State	Total procurement in marketing season 2005-06 (Oct. – Sept.)	Progressive Procurement as on 09.08.2007	
		In Marketing season 2006-2007	In Marketing season 2005-2006
Andhra Pradesh	49.72	53.02	47.13
Chhattisgarh	32.65	28.27	31.81
Haryana	20.54	17.73	20.40
Kerala	0.94	1.51	0.94
Maharashtra	1.94	0.97	1.45
Orissa	17.85	19.69	16.64
Punjab	88.55	78.26	88.50
Tamil Nadu	9.26	10.77	8.60
Uttar Pradesh	31.51	25.49	31.20
Uttaranchal	3.36	1.76	3.28
West Bengal	12.75	6.22	12.65
All-India	276.56	249.63	269.75

Table – 9: Progressive procurement of Wheat as on 30.07.2007 (lakh tonnes)

State	Total procurement in marketing season 2006-07 (Apr - Mar)	Progressive Procurement as on 30.07.2007	
		In Marketing season 2007-2008	In Marketing season 2006-2007
Punjab	69.46	67.57	69.46
Haryana	22.29	33.46	22.29
Uttar Pradesh	0.49	5.49	0.49
Rajasthan	0.02	3.83	0.02
Uttaranchal	0.00	0.02	0.00
Madhya Pradesh	0.00	0.57	0.00
All-India	92.25	111.04	92.25

Source: Department of Food & Public Distribution.

All India Crop Situation - Kharif (2007-08) as on 10-08-2007							
Crop Name	Normal Area	Area sown reported			Change vis-à-vis prev. year		Remarks
		This Year	% of Normal	Last Year	Absolute	Percentage	
Rice	381.89	260.77	68.3	261.74	-1.0	-0.4	AP (+1.3, +25.2), Ass(+3.3, +38.3), Bih (-2.7, -11.1), Chhat(-0.9, -2.9), Guj (+1.0, +22.4), Jhar (+1.1, +17.0), Kar (-0.6, -10.9), MP (-2.1, -16.8), Maha (+0.5, +5.1), Ori (+0.4, +1.8), Pun (-0.5, -1.8), UP (-3.7, -7.3), WB (+2.2, +7.0)
Jowar	44.28	31.39	70.9	33.09	-1.7	-5.1	AP (+0.1, +10.4), MP (-0.8, -13.7), Maha(-1.5, -11.1), Raj (+0.2, +3.8)
Bajra	93.89	76.72	81.7	70.23	6.5	9.2	Kar (+0.2, +4.6), Maha (-1.9, -13.4), Raj (+7.8, +23.6), UP(+0.4, +11.3)
Maize	62.16	70.35	113.2	63.33	7.0	11.1	AP(+0.5, +11.2), Bih (+0.8, +29.0), Chhat(+0.6, +61.9), Guj (-0.3, -7.5), Kar (+2.0, +26.4), Maha (+1.4, +30.7), Ori (+1.3, +221.2), UP (+0.3, +4.0)
Total Coarse Cereals	228.86	193.26	84.4	177.75	15.5	8.7	AP (+0.7, +10.0), Bih (+0.7, +24.2), Chhat(+0.6, +35.4), Guj (-0.4, -3.5), Kar (+5.4, +33.8), MP (-1.0, -5.3), Maha (-2.1, -6.2), Ori (+1.9, +122.7), Raj (+8.0, +16.7), UP (+1.1, +7.6)
Total Cereals	610.75	454.03	74.3	439.49	14.5	3.3	
Cotton	83.44	86.24	103.4	81.74	4.5	5.5	AP (+3.2, +58.1), Guj (+0.6, +2.6), Har (-0.4, -8.1), Maha (+0.4, +1.2), Pun(+0.4, +6.8), Raj (+0.5, +14.8)
Sugarcane	41.70	51.16	122.7	48.32	2.8	5.9	AP (-0.6, -20.8), Bih (+1.6, +143.4), Guj (-0.5, -24.8), Kar (-0.4, -15.8), Maha(+2.1, +24.9), Pun (+0.4, 41.3), UP (-0.2, -0.8).
Jute	8.38	7.89	94.2	8.18	-0.3	-3.5	WB (-0.4, -5.9)
Mesta	1.66	1.47	88.8	1.53	-0.1	-3.7	
Tur	34.71	33.19	95.6	32.42	0.8	2.4	AP (+0.8, +28.8), Bih (-0.5, -43.5), Chhatt(-0.2, -15.5), Maha (+0.7, +6.5)
Urad	26.14	21.86	83.6	20.08	1.8	8.9	Guj (+0.7, +143.0), Maha (+1.3, +26.3), Pun (-0.2, -100.0)
Moong	26.16	29.92	114.4	24.07	5.9	24.3	AP (+0.6, +26.3), Chhat (+0.2, +19.6), Guj (+1.1, +105.6), Kar (+0.7, +16.1), Maha (+1.1, +19.0), Raj (+1.9, +26.8)
Others	22.64	19.36	85.5	18.89	0.5	2.5	
Total Pulses	108.62	104.34	96.1	95.45	8.9	9.3	AP (+1.6, +26.3), Bih (-0.8, -44.2), Guj (-1.4, -17.3), Jhar (+1.4, +100.0), Kar (+1.2, +10.3), MP (-0.8, -8.0), Maha (+2.9, +12.7), Raj (+4.0, +22.1), TN (+0.5, +300.0)
Total Foodgrains	719.37	558.37	77.6	534.93	23.4	4.4	
Groundnut	54.84	48.40	88.3	42.47	5.9	14.0	AP (+4.8, +59.0), Kar (+1.1, 21.6), Maha (-0.3, -8.0), UP (-0.2, -16.8),
Soyabean	65.98	84.75	128.4	79.17	5.6	7.0	Guj (+0.2, +36.5), MP (+2.2, +4.9), Maha (+1.9, +8.1), Raj (+1.1, +18.1)
Sunflower	5.49	6.28	114.4	7.31	-1.0	-14.1	AP (+0.3, +35.1), Kar (-1.1, -20.5), Maha (-0.2, -23.9)
Sesamum	15.40	13.37	86.8	13.80	-0.4	-3.1	Maha (-0.1, -11.8), TN (-0.1, -28.6)
Niger	4.39	1.40	31.9	1.37	0.0	2.2	
Castor	7.68	5.12	66.7	4.66	0.5	9.9	Guj (+0.6, +36.5), Raj (-0.2, -20.3)
Total Oilseed (Nine)	153.78	159.30	103.6	148.78	10.5	7.1	AP (+5.3, +42.0), Guj (+0.4, +1.8), MP (+2.4, +4.7), Maha (+1.4, +4.6), Raj (+1.2, +8.7), UP (-0.3, -10.8)
All- Crops	1008.33	864.43	85.7	823.48	41.01	5.0	

Source: Crops & TMOP Divisions, DAC