

**F.NO. 3-1/2008-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, the 15<sup>th</sup> January, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 09.01.2009.**

*Summary observations of the Group on Agenda Item*

- *Rainfall received for the country as whole in the first week of the Winter season commencing from 1<sup>st</sup> January, 2009 and ending 07<sup>th</sup> January, 2009 was 1.5 mm.*
- *Dense fog conditions in morning hours prevailed over many parts of Indo-Gangetic Plains during the week. Fog conditions also prevailed over some parts of central India during a few days of the week.*
- *Maximum Temperature anomaly ranged between 2 to 4<sup>0</sup>C over some parts of Jammu & Kashmir, Himachal Pradesh, Assam, Nagaland, Manipur, Jharkhand, Orissa, Central India, Konkan & Goa, Marathwada, Vidarbha and Coastal Andhra Pradesh, -2 to 0<sup>0</sup>C over most parts of Sikkim, West Bengal, some parts of Jammu & Kashmir, Himachal Pradesh, Punjab, Uttarakhand, East Uttar Pradesh, Assam, Tripura, Bihar, Jharkhand, Rajasthan, Madhya Pradesh, Gujarat, Rayalseema and Andaman & Nicobar Islands and -4 to -2<sup>0</sup>C over most parts of Punjab, Haryana and Delhi, over some parts of Uttarakhand, Uttar Pradesh, Bihar, Jharkhand, Rajasthan, West Madhya Pradesh and Gangetic West Bengal, -6 to -4<sup>0</sup>C over some parts of Punjab, Uttarakhand, Uttar Pradesh and 0 to 2<sup>0</sup>C over remaining parts of the country.*
- *Minimum Temperature anomaly ranged between 2 to 4<sup>0</sup>C over most some parts of Rajasthan, Saurashtra & Kutch, Orissa, Madhya Pradesh, Madhya Maharashtra and Vidarbha, -2 to 0<sup>0</sup>C over most parts of Jammu & Kashmir, Uttarakhand, Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim, Tripura, Rayalseema, Tamil Nadu and Lakshadweep, some parts of Assam, West Rajasthan, Gujarat, Madhya Pradesh, Orissa, Maharashtra, Karnataka, Coastal Andhra Pradesh and Telangana, -4 to -2<sup>0</sup>C over some parts of East Uttar Pradesh, Bihar, West Rajasthan, Gujarat, Karnataka, Kerala and Rayalseema, 0 to 2<sup>0</sup>C over remaining parts of the country.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has gone down from 81.40 BCM on 01.01.2009 to 78.23 BCM on 07.01.2009.*
- *Area sown reported till 09.01.09 under Coarse Cereals, Pulses and Oilseeds during Rabi season was 103%, 115% and 98% of the normal area respectively.*

- *As on 09.01.09, area sown under all rabi crops taken together has been reported to be 564.53 lakh hectares at All India level as compared to 538.65 lakh hectares in the corresponding period of 2007.*
- *Area reported was higher by 4.7 lakh ha. under Jowar, 6.5 lakh ha. under Gram, 1.7 lakh ha. under Lentil, 1.9 lakh ha. under Peas and 8.5 lakh ha. under Rapeseed & Mustard.*
- *Seed position is reported to be comfortable. The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for most of the crops.*
- *The all-commodity inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 27.12.2008 decreased to 5.91% from the previous week's level of 6.38%. The inflation rate was 3.83% during the corresponding period of last year.*
- *The inflation rate for foodgrains based on WPI for the week ending 27.12.2008 decreased to 9.17% from the previous week's level of 10.08%. Among the foodgrains, inflation for Pulses has increased to 13.86% from the previous week's level of 13.25%, Rice has decreased to 12.29% from the previous week's level of 12.94%, Cereals to 8.48% from the previous week's level of 9.58%,and Wheat to 4.39% from the previous week's level of 4.88%.*
- *The inflation for non-food items decreased to 11.22% from the previous week's level of 11.58% and for the food items to 9.95% from the previous week's level of 10.52%.*

## Salient aspects of discussions / presentations in the meeting

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

#### **Winter Season Rainfall (January - February) during the week ending on 07<sup>th</sup> January, 2009**

- **Isolated to scattered precipitation** occurred over western Himalayan region during 2<sup>nd</sup> January, 09 half of the week. Isolated rain/thundershower also occurred over adjoining northern plains for one or two days during this period.
- East Madhya Pradesh and Chhattisgarh, Jharkhand, Bihar, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya received **isolated rain/thundershowers towards** the end of the week.
- **Isolated to scattered rain/thundershower** occurred over Andaman & Nicobar Islands during many days of the week and over Coastal Andhra Pradesh, Tamil Nadu & Pudducherry, Kerala & Lakshadweep during a few days of the week.
- **Mainly dry weather** prevailed over remaining parts of the country during the week.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess/normal in 02 met sub-divisions, deficient / scanty in 18 met sub-divisions and no rain in 16 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1<sup>st</sup> January to 07<sup>th</sup> January, 2009)** was in excess / normal in 02 and deficient / scanty in 18 sub-divisions and no rain in 16 met sub-divisions.

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

Region	Week Ending (07.01.09)				Cumulative (01.01.09 to 07.01.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	4.0	8.0	-50	D	4.0	8.0	-50	D
Central India	0.2	1.9	-91	S	0.2	1.9	-91	S
South Peninsular India	0.4	2.6	-86	S	0.4	2.6	-86	S
North-East India	1.0	3.5	-72	S	1.0	3.5	-72	S
Country as a whole	1.5	4.2	-64	S	1.5	4.2	-64	S

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

Source: India Meteorological Department, New Delhi

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.

## TEMPERATURE

### Minimum Temperature

- **Minimum Temperatures** over south India and interior Maharashtra gradually increased during the week. It was **below normal** over many parts of South Peninsula in the beginning of the week and became **normal to above normal** towards the end of the week.
- They were **above normal to appreciably above normal** over many parts of west Rajasthan during 1<sup>st</sup> half of the week and over central India during 2<sup>nd</sup> half of the week. They were also **above normal** over many parts of east India towards the end of the week.
- They were **near normal** over remaining parts of the country during many days of the week.

## ***Weather Outlook / Forecast for the period 08<sup>th</sup> - 14<sup>th</sup> January, 2009 by IMD***

### **Outlook for the Week Ending 14<sup>th</sup> January, 2009**

- *Under the influence of western disturbance located over Jammu & Kashmir on 8<sup>th</sup> January 2009, isolated precipitation is likely over western Himalayan region during first two days of the week.*
- *A fresh feeble western disturbance is likely to affect Western Himalayan Region from 13<sup>th</sup> January onwards.*
- *Isolated to scattered rain/thundershower is likely over central India, Uttar Pradesh, Bihar, Jharkhand and Sub-Himalayan West Bengal & Sikkim during first half of the week.*
- *Isolated rain/thundershower is likely over Arunachal Pradesh and Assam & Meghalaya during a few days of the week.*
- *Minimum temperature is likely to fall by 2-4°C over the Gangetic plains during second half of the week.*

### **Zone-wise Weather Forecast:**

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

- *Rain / snow is likely at isolated places over Jammu & Kashmir and Himachal Pradesh.*
- *Rain/thundershowers are likely at isolated places over West UP, Delhi and Haryana during next 24 hours and mainly dry weather thereafter.*
- *Mainly dry weather is likely over the rest region.*

#### ***East India (East UP, Bihar, Jharkhand, West Bengal & Sikkim, Orissa)***

- *Rain/thundershowers are likely at isolated places over Southeast UP during next 24 hours and mainly dry weather thereafter.*
- *Mainly dry weather is likely over the rest region.*

#### ***North-East India (Arunachal Pradesh, NMM&T, Assam & Meghalaya)***

- *Rain/thundershowers are likely at isolated places over Arunachal Pradesh.*
- *Mainly dry weather is likely over the rest region.*

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

- *Rain/thundershowers are likely at a few places over South Coastal Tamil Nadu during next 24 hours and at isolated places thereafter and at isolated places over rest Tamil Nadu, Kerala and Lakshadweep during next 24 hours and mainly dry weather thereafter.*
- *Mainly dry weather is likely over the rest region.*

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

- *Rain/thundershowers are likely at isolated places over Rajasthan, North Madhya Maharashtra and Gujarat region during next 24 hours and mainly dry weather thereafter.*
- *Mainly dry weather is likely over the region.*

***Central India (MP, Chhattisgarh, Vidarbha)***

- *Rain/thundershowers are likely at a few places over West Madhya Pradesh during next 24 hours and isolated thereafter.*
- *Rain/thundershowers are likely at isolated places over rest region during next 24 hours and mainly dry weather thereafter.*

## Reservoir Status (For the week ending on 07.01.2009)

- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 72% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 78.23 BCM. Current storage is less than the last year's position of 87.68 BCM and the average of last 10 year's storage of 74.56 BCM.

**Table – 2: For 81 major reservoirs of the country**

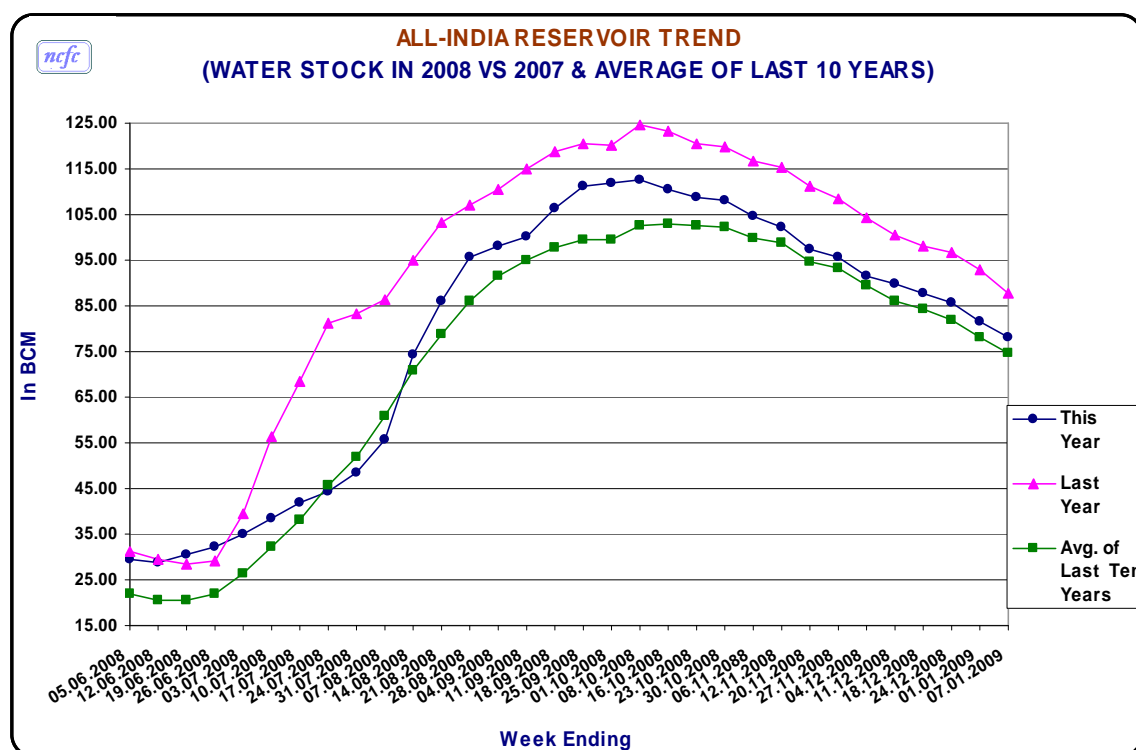
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	52	89	105
Last Week	54	88	104

The percentage to live capacity at FRL was 58% on 07/01/2008, 61% on 07/01/2007, 65% on 06/01/2006 and 45% on 06/01/2005 .

\* *Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 56 reservoirs having storage more than 80%, 16 reservoirs having storage between 50% to 80% of Normal Storage and 5 reservoirs having storage between 30% to 50% of Normal Storage.
- There were three reservoirs namely Dantiwada (Guj), Gumti (Tripura) and Yeldari (Maha) having storage below 30% of normal storage and one reservoir namely Harangi (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 1<sup>st</sup> October to 09<sup>th</sup> January, 2009***

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement upto 01<sup>st</sup> October to 09<sup>th</sup> January, 2009</i>	<i>11688</i>	<i>4547</i>	<i>1580</i>	<i>3514</i>
<i>Availability during 1<sup>st</sup> October to 09<sup>th</sup> January, 2009</i>	<i>8477</i>	<i>3511</i>	<i>1265</i>	<i>2394</i>
<i>Sales during 1<sup>st</sup> October to 09<sup>th</sup> January, 2009</i>	<i>7421</i>	<i>3484</i>	<i>1077</i>	<i>2324</i>
<i>Closing Stock as on 09.01.2009</i>	<i>1056</i>	<i>27</i>	<i>188</i>	<i>70</i>
<i>Requirement for February, 2009</i>	<i>1615</i>	<i>374</i>	<i>259</i>	<i>488</i>

**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

<b>All India Crop Situation - Rabi (2008-09) as on 09-01-2009</b>								
Crop Name	IV Adv. Est.	Normal Area	Area sown reported (In lakh hectares)			Change vis-à-vis prev. year		Remarks
			This Year	% of Normal	Last Year	Absolute	Percentage	
								Changes in major States (abs. %)
Wheat	281.53	265.30	269.70	101.7	265.76	3.9	1.5	Guj (-2.1, -15.1), HP (+0.2, +5.6), Har (+0.2,+0.6), Kar (+0.2, +9.1), MP (-0.7, -1.9), Maha(-1.9, -17.1), Raj (+1.7 +8.3), UP (+5.7, +6.6), Uttarn(+0.2, +5.9), WB (+0.5, +13.6)
Rice	43.88	37.31	5.60	15.0	6.02	-0.4	-7.0	AP(-0.6, -13.4), Ass (+0.1, +8.3)
Jowar	43.62	49.11	48.42	98.6	43.68	4.7	10.9	AP (-0.3, -15.7), Kar (+0.3, +2.1), Maha (+4.2, +15.0), TN (+0.6, +43.3)
Maize	11.28	8.15	9.22	113.2	8.83	0.4	4.4	Bih (-0.2, -7.1), Kar (+0.4, +61.4), Maha (+0.1, +6.8)
Barley	6.14	6.50	7.64	117.5	6.71	0.9	13.9	MP (+0.4, +83.3), Raj (+0.6, +19.3), UP (-0.1, -3.8)
Total Coarse Cereals	61.04	63.60	65.77	103.4	59.66	6.1	10.2	AP (-0.2, -5.3), Bih (-0.2, -7.2), Kar (+0.6, +4.9), MP (+0.4, +78.4), Maha (+4.3, +14.7), Raj (+0.6, +19.3), TN (+0.6, +25.5), UP (-0.2, -6.5)
Total Cereals	386.45	366.21	341.07	93.1	331.44	9.6	2.9	
Gram	75.80	68.50	83.61	122.1	77.15	6.5	8.4	AP (-0.3, -4.0), Guj (-0.2, -8.7), Har (+0.2, +21.5), Kar (+1.4, +20.7), MP (+3.3, +13.5), Maha(-1.4, -11.1), Raj (+1.1, +8.2), UP (+2.6, +42.5)
Lentil	-	14.45	15.19	105.1	13.51	1.7	12.4	Bih (-0.1, -4.8), MP (+0.6, +13.0), UP (+1.2, +21.1)
Peas	-	7.41	8.35	112.7	6.42	1.9	30.1	MP (+0.7, +37.6), UP (+1.3, +39.4)
Kulthi(Horse Gram)	-	3.10	4.61	148.7	4.87	-0.3	-5.3	AP (-0.1, -30.4), Chhat(-0.1, -24.5), Ori (-0.2, -8.6), TN (+0.2, +104.8)
Urad	8.09	7.30	6.51	89.2	8.01	-1.5	-18.8	AP (-1.3, -37.5), TN (-0.3, -24.1), WB (+0.2 +33.3)
Moong	7.21	6.22	4.22	67.8	4.47	-0.2	-5.6	AP (-0.2, -26.3), TN (-0.1, -9.7)
Lathyrus	-	6.35	4.30	67.7	5.04	-0.7	-14.7	Chhat (-0.8, -16.8)
Others	31.07*	2.99	6.81	227.7	6.18	0.6	10.2	
Total Pulses	122.16	115.99	133.59	115.2	125.63	8.0	6.3	AP (-1.7, -15.1), Bih (-0.4, -8.8), Chhat (-1.1, -12.5), Har (+0.3, +25.0), Kar (+1.4, +15.7), MP (+4.5, +14.4), Maha(-1.6, -12.2), Ori (-0.4, -4.6), Raj (+1.2, +9.4), TN (+0.7, +28.4), UP (+5.0, +33.9), WB (+0.4, +19.0)
Total Foodgrains	508.61	482.21	474.66	98.4	457.07	17.6	3.8	
Rapeseed & Mustard	57.49	63.25	66.24	104.7	57.74	8.5	14.7	Guj (-0.5, -13.5), Har (+1.3, +25.3),MP (+2.6, +49.1), Raj (+4.0, +16.6), UP (+0.8, +9.7), WB (+0.3, +5.9)
Groundnut	11.12	8.28	4.75	57.4	5.11	-0.4	-7.0	AP (+0.2, +8.9), TN (-0.6, -37.7)
Safflower	3.17	3.69	2.75	74.5	3.04	-0.3	-9.5	Maha (-0.3, -14.6)
Sunflower	11.14	13.04	9.99	76.6	8.92	1.1	12.0	AP (+0.4, +13.5), Kar (+0.8, +18.8), Maha (-0.1, -4.1)
Sesamum	3.06	2.41	0.87	36.1	0.73	0.1	19.2	TN (+0.1, +65.0)
Linseed	3.87	4.50	4.40	97.8	5.24	-0.8	-16.0	Chhat (-0.2, -15.0), MP (-0.4, -18.9), Maha(-0.3, -43.8), UP (+0.1, -29.0)
Others	0.52	0.54	0.88	163.0	0.80	0.1	10.0	
Total Oilseed (Nine)	90.36	92.21	89.87	97.5	81.58	8.3	10.2	AP (+0.5, +9.1), Bih (-0.2, -11.3), Guj (-0.4, -12.4), Har (+1.3, +25.3), Kar (+0.9, +16.0), MP (+2.2, +30.2), Maha (-0.7, -15.6), Raj (+4.0, +16.6), TN (-0.4, -19.3), UP (+0.9, +10.4), WB (+0.3, +7.6)
All- Crops	598.97	574.41	564.53	98.3	538.65	25.9	4.8	
Source: Crops & TMOP Divisions, DAC								
*:- Includes Lentil, Peas, Kulthi, Lathyrus, Cowpea, Avare and Moth etc. during 2007-08 Adv. Est. (E&S)								

## 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 27.12.2008 decreased to 5.91% from the previous week's level of 6.38%. The inflation rate was 3.83% during the corresponding period last year.

The inflation rate in respect of (a) Primary articles group **decreased** by 0.48% to 11.59%, (b) Manufactured products group by 0.60% to 6.24% and (c) Fuel, power, light and lubricant group remained unchanged at the previous week's level of -0.66%. The share of these three groups in inflation during the week ending 20.12.2008 stood in the order of 44.22%, 58.77% and -2.45%.

### Procurement:

**Table – 5: Progressive procurement of Rice as on 09.01.2009 (lakh tonnes)**

State	Total procurement in marketing season 2007-08 (Oct. – Sept.)	Progressive Procurement as on 09.01.2009	
		In Marketing season 2008-2009	In Marketing season 2007-2008
Andhra Pradesh	74.17	19.36	14.35
Chhattisgarh	27.43	15.52	15.87
Haryana	15.72	13.81	15.26
Kerala	1.68	0.67	0.54
Maharashtra	1.60	0.97	0.74
Orissa	23.49	7.50	6.60
Punjab	79.07	81.17	73.40
Tamil Nadu	9.68	2.16	0.02
Uttar Pradesh	28.91	19.41	12.61
Uttaranchal	1.47	1.63	0.93
West Bengal	15.08	4.68	0.90
All-India	285.02	169.39	142.13

## Annexure

LIST OF PARTICIPANTS WHO ATTENDED THE MEETING OF CROP WEATHER WATCH GROUP HELD ON 09-01-2009.

**Shri R.C. Ray**

**E.S.A.**

**Chairman**

**DTE. OF ECO. & STAT.**

1. Shri Rajeev Lochan Adviser

**DEPARTMENT OF AGRICULTURE & COOPERATION**

2. Dr. H.C. Gautam Addl. Commissioner (Crops)  
3. Shri S. Selvaraj Dy. Commissioner (Seeds)  
4. Shri Ram Sanehi Asstt. Director (Crops)  
5. Shri T.P. Singh Asstt. Director  
6. Shri Rakesh Agarwal Asstt. Director (FS)

**I.M.D.**

7. Dr. B.P. Yadav Director

**C.W.C.**

8. Shri K.M. Hamza E.A.D.

**I.C.A.R.**

9. Shri A.K. Gogoi ADG (Agro)

**P.P.Q & S.**

10. Shri V.K. Yadava Director (IPM)

**N.C.F.C.**

11. Shri Dalip Singh Dy. Stat. Adviser  
12. Smt. Suman Chopra R.O.

**Note:** Representatives from Deptt. of Fertilizer, Deptt. of Consumer Affairs, Deptt. of Food & PD, R.I.B., P.I.B. and N.R.A.A. did not attend the meeting. It is requested that they should regularly attend the meeting.