

**F.No. 4-4/2017-NMOOP(Coord.)/OS**  
**Government of India**  
**Ministry of Agriculture and Farmers Welfare**  
**Department of Agriculture, Cooperation and Farmers Welfare**  
**Oil Seeds Division**  
\*\*\*\*\*

**Krishi Bhawan, New Delhi**  
**Dated: 18<sup>th</sup> December 2017**

**Subject: Minutes of the 4<sup>th</sup> meeting of Executive Committee (EC) of National Mission on Oilseeds and Oil Palm (NMOOP) held on 23<sup>rd</sup> November, 2017 at Krishi Bhawan, New Delhi.**

The undersigned is directed to forward a copy of the Minutes of the Executive Committee (EC) of National Mission on Oilseeds and Oil Palm (NMOOP-EC) held on 23<sup>rd</sup> November 2017, presided over by the Secretary (AC&FW) at Acharya Jagdish Chandra Bose Hall, Krishi Bhawan, New Delhi.

It is requested that the Action Taken Report may kindly be furnished to the undersigned for placing before the next EC. Meeting.

**Encl.:** As above

  
(Dr. Anupam Barik)  
Additional Commissioner (Oil Seeds)  
E-mail: [adcoilseeds-agri@gov.in](mailto:adcoilseeds-agri@gov.in)  
Phone 011-23384618, Ext. 4963.  
R.No-37 'B'

**Distribution**

1. PPS to Hon'ble Union Minister for Agriculture & Farmers Welfare
2. PPS to Hon'ble MoS for A&FW (PR)
3. PPS to Hon'ble MoS for A&FW (Smt. KR)
4. PPS to Hon'ble MoS for A&FW (GSS)

**A. Members of EC:**

1. Shri Shobhana K. Pattanayak, Secretary (AC&FW), DAC&FW, Krishi Bhawan, New Delhi.
2. Shri. S.K. Malhotra, Agriculture Commissioner, DAC&FW, Krishi Bhawan, New Delhi.
3. Dr. B. Rajender, Joint Secretary (Oilseeds) and Member Secretary (NMOOP-EC), DAC&FW, Krishi Bhawan, New Delhi.
4. Shri R.C. Meena, Addl. Chief Conservator of Forest, Ministry of Environment & Forest, Indira Paryavaran Bhawan, Jor Bagh, New Delhi – Representative of Joint Secretary (MFP), MoEF.
5. Dr. S.K. Jha, Principal Scientist (O&P), ICAR, Krishi Bhawan, New Delhi – Representative of Secretary, DARE & DG, ICAR

**B. Participants from State Governments, ICAR and Central Seed Agency**

1. Shri Anup Kumar Srivastava, Secretary, Agriculture, Secretariat, Mahanadi Bhawan, Naya Raipur-492002, Chhattisgarh.

Contd./-

2. Shri Bhaskar Sarna, Special Secretary, Agriculture, Secretariat, Rajeev Bhavan, Bhubaneswar, Odisha.
3. Shri B.M. Modi, Director of Agriculture, Krishi Bhawan, Sector 10-A, Gandhinagar-382010, Gujarat.
4. Dr. S.L. Jadhav, Director of Agriculture (Extn. & Trg.), Commissionerate of Agriculture, Sakhar Sankul, Shivaji Nagar, Pune-411005, Maharashtra.
5. Shri Narendra Kumar Pandey, Director of Horticulture & Farm Forestry, 4<sup>th</sup> Floor, Block-2, HOD Building, Indrawati Bhavan, Naya Raipur, Chhattisgarh.
6. Dr. A. Vishnuvardhan Reddy, Director, ICAR-Indian Institute of Oilseeds Research, Rajendranagar, Hyderabad-500030.
7. Shri D.V. Barot, Joint Director of Agriculture, Krishi Bhawan, Sector 10-A, Gandhinagar-382010, Gujarat.
8. Shri R.K. Yadavendra, Joint Director of Agriculture (NMOOP), Pant Krishi Bhawan, Jaipur, Rajasthan.
9. Shri C.B. Londhekar, Joint Director of Agriculture, Secretariat, Mahanadi Bhawan, Naya Raipur-492002, Chhattisgarh.
10. Shri Suvash Chandra Panda, Asstt. Project Officer (OS), Department of Agriculture & Farmers' Empowerment, Bhubaneswar, Odisha.

**Central Seed Agency:**

11. Shri V.K. Gaur, CMD, National Seeds Corporation, Pusa Complex, New Delhi-110012.
12. Shri Kuldeep Singh, Sr. General Manager (MM&P), National Seeds Corporation, Pusa Complex, New Delhi-110012.

**C. DAC&FW, Ministry of Agriculture & Farmers Welfare:**

1. Dr. Anupam Barik, ADC (Oilseeds), DAC&FW, Krishi Bhawan, New Delhi.
2. Dr. A.P. Singh, ADC (Commercial Crops), DAC&FW, Krishi Bhawan, New Delhi.
3. Dr. S.S. Tomar, ADC (Crops), DAC&FW, Krishi Bhawan, New Delhi.
4. Shri S. Selvaraj, Dy. Commissioner (Seeds), DAC&FW, Shastri Bhawan, New Delhi.
5. Shri R.K. Trivedi, Director I/c (Crops & Oilseeds), DAC&FW, Shastri Bhawan, New Delhi.
6. Dr. M. Dutta, National Consultant (OS), DAC&FW, Shastri Bhawan, New Delhi.
7. Shri S.K. Dalal, National Consultant (OS), DAC&FW, Krishi Bhawan, New Delhi.
8. Shri Shamsher Singh, National Consultant (NFSM), DAC&FW, Krishi Bhawan, New Delhi.
9. Shri U.S. Sadana, National Consultant (NFSM), DAC&FW, Krishi Bhawan, New Delhi.
10. Shri V.S. Pahil, National Consultant (NFSM), DAC&FW, Krishi Bhawan, New Delhi.
11. Shri T.P. Singh, Asstt. Commissioner (OS), DAC&FW, Krishi Bhawan, New Delhi.
12. Shri Kailash Choudhary, Under Secretary (OS), DAC&FW, Shastri Bhawan, New Delhi
13. Shri J.N. Padhy, AD (Coord.), DAC&FW, Shastri Bhawan, New Delhi.
14. Smt. Madhu Handa, SO CA (II), DAC&FW, Krishi Bhawan, New Delhi.
15. Shri Sukhpal, SO (OS), DAC&FW, Shastri Bhawan, New Delhi.
16. Shri P.S. Negi, SO CA (VI), DAC&FW, Krishi Bhawan, New Delhi.

**D. Distribution other than participants**

1. Joint Secretary, Food & PDS, Krishi Bhawan, New Delhi.
2. Joint Secretary, Ministry of Tribal Affairs, New Delhi
3. Advisor (Agriculture), NITI Ayog, Parliament Street, New Delhi.
4. Principal Secretary (Agriculture), Government of Madhya Pradesh, Bhopal

**Copy to:** Sr. Programmer (S), DAC&FW, (NFSM) for uploading the minutes in NMOOP website.

**Minutes of the 4<sup>th</sup> Meeting of the Executive Committee of National Mission on Oilseeds and Oil Palm (NMOOP) held on 23<sup>rd</sup> November, 2017 at Krishi Bhawan, New Delhi**

The 4<sup>th</sup> Meeting of the Executive Committee (EC) of National Mission on Oilseeds and Oil Palm (NMOOP), the apex policy making body was presided over by the Secretary (AC&FW) due to prior engagement of the Hon'ble Union Minister for Agriculture & Farmers Welfare. The list of participants is **annexed**.

At the outset, the Agriculture Commissioner welcomed the members of the EC from various Ministries/ Departments and invitees from the States and Central Agencies.

The Chairman in his opening remarks expressed the concern of low budget utilization under NMOOP during 2017-18. He suggested for rewarding the better performing States through provision of additional funds and digital display of the defaulting States in the website who are not able to utilize the Central Share in time. He desired that the availability of quality seed may be ensured by the Central and State Seed Agencies as seed is the vital component for increasing crop productivity. He also pointed out that the prevailing low market price of major oilseeds like groundnut and soybean is adversely affecting the interest of oilseed growers, which may influence the area coverage under oilseeds.

The Chairman desired that large scale campaign may be initiated for consumption of good quality oil such as groundnut in pure form which is not chemically treated. Blending of low quality oil is a practice which should be discouraged through branding for purity. He advocated for promotion of oil expellers to farmer groups/FPOs for extraction of oil at local level and if required, the guideline may be suitably amended.

He suggested that States with potential for oil palm may be specifically focused and the system of price fixation of FFBS may be regularly monitored. The interventions like drip irrigation etc that are common with other Central Sector Schemes may suitably be converged. The DBT implementation by the States and Agencies may be taken up for ensuring transparency.

Joint Secretary (Oilseeds) and Member Secretary, EC made a brief presentation highlighting the demand and supply of vegetable oils, the current scenario of oilseeds production in the country including the financial status of NMOOP. Thereafter, the agenda items were put up before the committee for consideration.

**Agenda Item 1: Approval of Minutes of 3<sup>rd</sup> Meeting of EC**

The minutes of the 3<sup>rd</sup> meeting of EC held on 25<sup>th</sup> October, 2016 were approved.

## **Agenda Item 2: Review of Follow-up Actions on 3<sup>rd</sup> Meeting of EC**

- 2.1. Utilization of allocated funds by the States by providing matching share**
- 2.2. Mobilization of Central and State Seed Agencies for seed production and distribution.**
- 2.3. Uploading of progress of implementation of CFLDs by KVKs (ICAR-ATARIs)**
- 2.4. Critical analysis of NFL in seed production programme through HIL**
- 2.5. Integration of TBOs with submission on Agro-Forestry of RFS Division**
- 2.6. Ensuring procurement of groundnut and soybean at MSP by Central and State Agencies**

The follow up actions on the above points were noted by the committee. The Chairman desired that the States should make all out efforts to utilize the funds allocated under the Mission so as to increase the production of oilseeds. He directed that the Tree Borne Oilseeds (TBOs) programme may be integrated under Agro-Forestry submission of RFS Division, DAC&FW. He urged the Central and State Agencies to ensure the procurement of groundnut and soybean produce at Minimum Support Price to protect the interest of oilseed growers so that area under oilseeds is enhanced. Since, oilseeds and pulses compete for area under similar agro-climatic condition specific strategies may be devised to increase area under oilseeds.

## **Agenda Item 3: Highlights of NMOOP during 2016-17**

### **3.1 Mini Mission-wise physical achievements:**

Noted.

### **3.2. National events:**

Noted.

### **3.3. Other Initiatives taken:**

Noted.

## **Agenda Item 4: Highlights of NMOOP during 2017-18**

### **4.1. Annual Action Plan (AAPs) 2017-18**

#### **4.1.1. AAPs of States:**

Noted

**4.1.2. Annual Action Plan (AAP) of Central Agencies:**

Noted

**4.1.3. R&D Projects:**

Noted

**4.1.4. BE and Release of Funds during 2017-18:**

Noted. The Chairman desired that the States should make all possible efforts to utilize the funds allocated under the Mission so as to increase the production of oilseeds.

**4.2. Major activities during 2017-18**

Noted.

**4.3. Major initiatives during 2017-18**

Noted.

**4.4. Major events of the year 2017-18**

**4.4.1. 2<sup>nd</sup> Meeting of Standing Committee of NMOOP:**

Noted.

**4.4.2. Brain Storming Session on Oilseeds & Oil Palm and Possibility of Inclusion of Coconut under NMOOP:**

Noted.

Agriculture Commissioner briefed about the Brain Storming Session and informed that growing oilseeds in rice fallow and non-traditional areas, intercropping of oilseeds with pulses, providing life saving irrigation and oil expellers at local level and raising productivity of oilseeds from 1225 kg/ha to 1500 kg/ha, will enhance the oilseeds production. The high seed requirement in groundnut and soybean coupled with low turnover of foundation seed from breeder seed are the major constraints in oilseeds production, hence, a Seed Hub programme on oilseeds is the need of the hour and is under final stages of preparation. Assistance to coconut on the pattern of oil palm was suggested.

**4.4.3. National Events:**

Noted.

**Agenda item 5: Ratification of the decisions taken on file**

Point No. (i) to (vi). Ratified

**Agenda item 6: Area coverage under kharif and crop prospect of rabi oilseeds during 2017-18**

Noted.

**Agenda item 7: Presentation by the states on crop prospects and implementation of NMOOP:**

The State/Agency-wise presentations made by senior officials of State Governments and National Seeds Corporation are as under:

**Chhattisgarh:**

Secretary, Agriculture, Chhattisgarh informed that the area under oilseeds has increased significantly from 2.47 lakh ha in 2016-17 to 3.14 lakh ha in 2017-18. According to him linseed has huge scope in the State particularly under rice fallow areas. He requested to relax the age limit of region specific widely adapted, more than 15 years old varieties due to paucity of seed of newly released varieties. He informed that currently the State has about 3,666 ha under oil palm as against the potential area of 40,000 ha in 11 districts planted during 2013-14 in collaboration with five oil palm processors, out of which only two are actively engaged. He informed that the State has planned a meeting on oil palm in last week of November, 2017.

The Chairman suggested that the State should have an in-depth study on whether oil palm is competitive with other potential crops and whether further area expansion is possible. In case it is found competitive, the State should focus on area expansion in atleast 10,000 ha within next year. The State should also organize exposure visit to Andhra Pradesh for setting up oil palm industry and also to ICAR-IIOPR, Pedavegi for technical guidance.

**Gujarat:**

Director, Agriculture, Gujarat informed that groundnut (64%) and castor (20%) are the two major oilseed crops in the State. Area under groundnut decreased from 16,42,200 ha in kharif 2016 to 16,00,400 ha in kharif 2017 due to flood in some districts of the State. Although, groundnut production has been reported to be very good, the market price is ruling below the MSP. The State has taken initiative for increasing area under oilseed crops during 2017-18 through a new scheme on "Intercropping of oilseed crops with other crops" with an allocated amount of Rs. 375.00 lakh. The area under mustard crop in the State has increased by about 8,000 ha over the normal area (avg. 3 years). Availability of seed of newly released varieties is a major constraint, particularly in groundnut, for which relaxation of age limit of popular varieties is needed. A cooperative system for oil production in the pattern of AMUL has been planned by the State. He requested that the contingency amount should be increased up to 5%, to engage adequate technical manpower at district level. Preparation of AUCs for 2014-15, 2015-16 and 2016-17 is under progress and will be submitted soon.

The Chairman desired that the oil production undertaken earlier by NDDDB did not prove successful in the past hence, proper precaution may be taken before embarking on oil production in a cooperative mode. However, the State may initiate a proactive market intervention for procurement of groundnut at a competitive price so as to protect the interest of oilseed growers particularly of groundnut.

#### **Maharashtra:**

The Director Agriculture (Extn & Trg), Maharashtra informed that the State has initiated a focused implementation of programme through “*Unnat Sheti – Samrudha Shetkari*”. He was of the view that soybean, niger and linseed have scope for area expansion, however, inadequate availability of breeder seed particularly of new varieties is a major constraint. The area coverage under oilseeds is 40.77 lakh ha during 2017-18 as compared to 42.46 lakh ha in 2016-17 showing a reduction of about 2.00 lakh ha. The response under DBT for farm mechanization component is poor due to higher involvement of cost on the part of the farmer. Water scarcity, a general problem, is being addressed through Jal Yukta Sheewar Yojana under which large number of water bodies has been created. The State has initiated backward-forward linkage through PPP-IAD project under RKVY. He requested for relaxation of age limit of varieties from 10 to 15 years and to enhance the subsidy under seed production. He also suggested that the size of minikits in soybean and groundnut may also be increased to 30 kg/ha and support under seed godown may be enhanced.

The Chairman suggested that the water harvesting ponds created by Maharashtra may be visited by the farmers of Odisha and Chhattisgarh so as to learn about the system. The on-line pest monitoring and advisory through CROPSAP project developed by the State is another example to be followed by other States. He also urged the participants particularly from Gujarat and Rajasthan to visit the Suratgarh farm of NSC to learn about the pivot irrigation system.

#### **Odisha:**

The Special Secretary, Agriculture, Odisha informed that oilseeds is cultivated in about 6.3 lakh ha area in both rabi and kharif seasons. He requested for enhancing assistance for conducting Block Demonstration of groundnut from Rs 7500/- to Rs 14000/- per ha due to high seed cost of certified seeds. Relaxation of age limit for more than 15 year old popular varieties like Parbati (2001), Anuradha (2002) and M-27 (1978) of mustard well adapted for rainfed condition of the State may be considered. There is a 50% shortfall in supply of seed minikits of groundnut during the current season. He also informed that oil palm in some districts is performing well and procurement of FFBS is also satisfactory. Currently, the oil palm area stands at 4044.4 ha against the target of 6299.8 ha.

## **National Seeds Corporation:**

CMD, NSC informed that as against the total target of 34,483 q foundation seed during 2017-18, a quantity of 17,209 q seed has been produced, which is about 50% of the target. The shortfall could mainly be attributed to the less availability of breeder seed particularly in groundnut and soybean where seed requirement is very high. Moreover, the seed plan was disturbed due to the prevailing drought condition and excess rainfall. Similarly, the certified seed production during 2017-18 was 1,61,502 q against the target of 1,90,026 q comprising more than 80% of the target. An improvement in both foundation and certified seed production was observed during 2017-18 as compared to that of previous year (2016-17). The total number of seed minikits supplied during 2017-18 was 11,25,560 against the allocated target of 11,96,400 seed minikits with an achievement of 94%. This is in comparison with 11,99,155 seed minikits supplied against the allocated target of 14,35,690 seed minikits during 2016-17 showing a marginal shortfall. He requested to consider supply of groundnut variety ICGV 91114 in place of Dharani, K7, K9 and Haritandhra which are in short supply.

The Chairman in his concluding remarks desired that the overlapping areas between pulses and oilseeds may be properly estimated and focus should be laid accordingly. The support for micro-irrigation may be availed through convergence with other CSS having similarity in pattern of assistance. Supply of water through water tankers, pump sets etc for specific requirement may be considered wherever necessary. He also pointed out that the high seed requirement in case of groundnut coupled with lack of proper seed storage facility has resulted in low market price particularly in Gujarat. Similarly, the fall in export of de-oiled cake (DOC) has depressed the market price of soybean hence, there is a need to create alternative demand for DOC as poultry, fish and animal feed so as to sustain the soybean crop production and oil industry. He informed that the recent increase in import duty of crude and refined edible oils by the Government may trigger the domestic price of oilseeds to benefit the oilseed growers. He also emphasized the need for promoting locally produced oils like coconut, rapeseed-mustard, etc and to make vigorous campaign for their use in pure form particularly through the local level oil expellers.

### **Actionable points:**

- The fund utilization during 2017-18 is low, hence, it was emphasized that the States should make all out efforts to utilize the funds allocated under the Mission with a view to increase the production of oilseeds.

**Action: All States**

- ICAR should submit a detailed programme on Oilseeds Seed Hub as is being implemented for pulses under NFSM.

**Action: ICAR**

- The Tree Borne Oilseeds (TBOs) programme may be integrated under Agro-Forestry submission of RFS Division, DAC&FW.

**Action: Oilseeds & RFS Divisions, DAC&FW**

- Central and State Agencies should ensure the procurement of groundnut and soybean at Minimum Support Price fixed by Govt of India to protect the interest of oilseed growers so that area under oilseeds is enhanced.

**Action: Central and State Agencies**

- Since, oilseeds and pulses occupy similar agro-climatic condition with overlapping of areas, focused strategies may be devised to estimate the area that could be exclusively earmarked for oilseeds to enhance oilseeds production.

**Action: Oilseeds Div, DAC&FW and ICAR**

- Support for micro-irrigation may be availed through convergence of other CSS with similarity in pattern of assistance and supply of water through water tankers, pump sets etc specifically required by the States may be considered.

**Action: Oilseeds Div, DAC&FW and State Govts.**

- Fall in export of de-oiled cake (DOC) of soybean has depressed the market price, hence, there is a need to create alternative demand for DOC as poultry, fish and animal feed so as to sustain the soybean crop production and oil industry.

**Action: Deptt. of AH, Dairy & Fisheries and Oilseeds Div, DAC&FW**

- Local level oil expellers need to be promoted to facilitate farmer groups/FPOs to process oil at local level and to increase consumption of locally produced oils in pure form particularly of coconut, rapeseed-mustard and other suitable oils through vigorous campaigns.

**Action: Oilseeds Div., DAC&FW, Coconut Development Board & State Govts.**

- Adequate production of quality seed and supply of seed minikits may be ensured by Central and State Seed Agencies through preparation of seed rolling plan and efforts may be made to promote new varieties.

**Action: Central & State Seed Agencies, State Govts. & ICAR**

- Exposure visits may be organized by Chhattisgarh State to Andhra Pradesh for setting up of oil palm industry and to ICAR-IIOPR, Pedavegi, AP for technical guidance; Odisha and Chhattisgarh to Maharashtra to learn about water harvesting ponds & CROPSAP project and Gujarat & Rajasthan to Suratgarh farm of NSC to learn about the pivot irrigation system.

**Action: Concerned State Govts.**

- States with potential for oil palm may be specifically focused and the system of price fixation of FFBs may be regularly monitored.

**Action: Oilseeds Div., DAC&FW**

The meeting ended with a vote of thanks to the Chair.

\*\*\*\*\*

**List of participants of 4<sup>th</sup> Meeting of Executive Committee (EC) of NMOOP held on 23<sup>rd</sup> November, 2017 at Krishi Bhawan, New Delhi**

**Members:**

1. Shri Shobhana K. Pattanayak, Secretary (AC&FW), DAC&FW, Krishi Bhawan, New Delhi.
2. Shri. S.K. Malhotra, Agriculture Commissioner, DAC&FW, Krishi Bhawan, New Delhi.
3. Dr. B. Rajender, Joint Secretary (Oilseeds) and Member Secretary, NMOOP, DAC&FW, Krishi Bhawan, New Delhi.
4. Shri R.C. Meena, Addl. Chief Conservator of Forest, Ministry of Environment & Forest, Indira Paryavaran Bhawan, Jor Bagh, New Delhi – Representative of Joint Secretary (MFP), MoEF.
5. Dr. S.K. Jha, Principal Scientist (O&P), ICAR, Krishi Bhawan, New Delhi – Representative of Secretary, DARE & DG, ICAR

**Invitees from State Governments and ICAR:**

1. Shri Anup Kumar Srivastava, Secretary, Agriculture, Secretariat, Mahanadi Bhawan, Naya Raipur-492002, Chhattisgarh.
2. Shri Bhaskar Sarna, Special Secretary, Agriculture, Secretariat, Rajeev Bhavan, Bhubaneswar, Odisha.
3. Shri B.M. Modi, Director of Agriculture, Krishi Bhawan, Sector 10-A, Gandhinagar-382010, Gujarat.
4. Dr. S.L. Jadhav, Director of Agriculture (Extn. & Trg.), Commissionerate of Agriculture, Sakhar Sankul, Shivaji Nagar, Pune-411005, Maharashtra.
5. Shri Narendra Kumar Pandey, Director of Horticulture & Farm Forestry, 4<sup>th</sup> Floor, Block-2, HOD Building, Indrawati Bhavan, Naya Raipur, Chhattisgarh.
6. Dr. A. Vishnuvardhan Reddy, Director, ICAR-Indian Institute of Oilseeds Research, Rajendranagar, Hyderabad-500030.
7. Shri D.V. Barot, Joint Director of Agriculture, Krishi Bhawan, Sector 10-A, Gandhinagar-382010, Gujarat.
8. Shri R.K. Yadavendra, Joint Director of Agriculture (NMOOP), Pant Krishi Bhawan, Jaipur, Rajasthan.
9. Shri C.B. Londhekar, Joint Director of Agriculture, Secretariat, Mahanadi Bhawan, Naya Raipur-492002, Chhattisgarh.
10. Shri Suvash Chandra Panda, Asstt. Project Officer (OS), Department of Agriculture & Farmers' Empowerment, Bhubaneswar, Odisha.

**Central Seed Agency:**

1. Shri V.K. Gaur, CMD, National Seeds Corporation, Pusa Complex, New Delhi-110012.
2. Shri Kuldeep Singh, Sr. General Manager (MM&P), National Seeds Corporation, Pusa Complex, New Delhi-110012.

**DAC&FW, Ministry of Agriculture & Farmers Welfare:**

1. Dr. Anupam Barik, ADC (Oilseeds), DAC&FW, Krishi Bhawan, New Delhi.
2. Dr. A.P. Singh, ADC (Commercial Crops), DAC&FW, Krishi Bhawan, New Delhi.
3. Dr. S.S. Tomar, ADC (Crops), DAC&FW, Krishi Bhawan, New Delhi.
4. Shri S. Selvaraj, Dy. Commissioner (Seeds), DAC&FW, Shastri Bhawan, New Delhi.
5. Shri R.K. Trivedi, Director I/c (Crops & Oilseeds), DAC&FW, Shastri Bhawan, New Delhi.
6. Dr. M. Dutta, National Consultant (OS), DAC&FW, Shastri Bhawan, New Delhi.
7. Shri S.K. Dalal, National Consultant (OS), DAC&FW, Krishi Bhawan, New Delhi.
8. Shri Shamsheer Singh, National Consultant (NFMS), DAC&FW, Krishi Bhawan, New Delhi.
9. Shri U.S. Sadana, National Consultant (NFMS), DAC&FW, Krishi Bhawan, New Delhi.
10. Shri V.S. Pahil, National Consultant (NFMS), DAC&FW, Krishi Bhawan, New Delhi.
11. Shri T.P. Singh, Asstt. Commissioner (OS), DAC&FW, Krishi Bhawan, New Delhi.
12. Shri Kailash Choudhary, Under Secretary (OS), DAC&FW, Shastri Bhawan, New Delhi
13. Shri J.N. Padhy, AD (Coord.), DAC&FW, Shastri Bhawan, New Delhi.
14. Smt. Madhu Handa, SO CA (II), DAC&FW, Krishi Bhawan, New Delhi.
15. Shri Sukhpal, SO (OS), DAC&FW, Shastri Bhawan, New Delhi.
16. Shri P.S. Negi, SO CA (VI), DAC&FW, Krishi Bhawan, New Delhi.

\*\*\*\*\*