

F.No.9-1/2018/Oilseeds/CA
Govt. of India
Ministry of Agriculture & Farmers' Welfare
Department of Agriculture, Cooperation & Farmers' Welfare
(Oilseeds Division)

Krishi Bhawan, New Delhi
Dated: 3rd February, 2020

Sub: Minutes of the midterm review meeting on Oilseeds Seed Hubs under NFSM-Oilseeds held on 24.01.2020 at Ramkrishna Ashram, KVK, Nimpith, West Bengal-reg.

Sir,

I am forwarding herewith a copy of the minutes of midterm review meeting on Oilseeds Seed Hubs under NFSM-Oilseeds held on 24.01.2020 under the Chairmanship of Joint Secretary (OS) at Ramkrishna Ashram, KVK, Nimpith, West Bengal for information and necessary/ follow up action.

This issues with the approval of the competent authority.

Yours faithfully,



(Dr. Anupam Barik)

Addl. Commissioner (Oil Seeds)

Encl. As above

Distribution:

1. Director, ICAR-IIOR, Hyderabad, Telangana
2. Director, ICAR-IISR, Indore, Madhya Pradesh
3. Director, ICAR-DGR, Junagadh, Gujarat
4. Director, ICAR-DRMR, Bharatpur, Rajasthan

Copy to:

1. PPS to Joint Secretary (Oilseeds), Krishi Bhawan, New Delhi.
2. Asstt. Director General (O&P), ICAR, Pusa, New Delhi.
3. The Director, Crop Development Directorate of Oil Seeds, Pulses, Sugarcane, Wheat, Millets, Jute, Cotton, Rice for information.
4. Asstt. Commissioner (CA/OS), DAC&FW, Krishi Bhawan, New Delhi

Minutes of the midterm review meeting on Oilseeds seed hub under NFSM Oilseeds held on 24.01.2020 at RA KVK, Nimpith, West Bengal

A mid-term review meeting on oilseeds seed hub under NFSM oilseeds was held under the Chairmanship of Ms Shubha Thakur, Joint Secretary (Crops & Oilseeds), GOI, DAC & FW, New Delhi on 24th January, 2020 at RA KVK, Nimpith, West Bengal. The list of participants is appended.

2. The programme started with the inauguration of infrastructure facilities of the seed godown and processing unit created under infrastructure development component of Seed hub by Ms. Shubha Thakur, Joint Secretary (Crops & Oilseeds), DAC&FW in presence of Srimat Swami Sadanandaji Maharaj, Chairman, Ramkrishna Ashram KVK, Nimpith. Dr. Anupam Barik, Additional Commissioner (Oilseeds), DAC&FW and Dr. S. K. Jha, ADG (Oilseeds), ICAR and scientists from all seed hub centers.

3. The review meeting begin with the brief appraisal of the purpose of review meeting by Dr. S. N. SudhakarBabu, Principal Scientist, IIOR, Hyderabad. He gave the general information on implementation of seed hub programme during 2018-19 & 2019-20. He requested all participating centres to actively participate in the discussion and express the difficulties faced by them during the implementation of seed hub programme.

4. Srimat Swami Sadanandaji Maharaj, Chairman, Ramkrishna Ashram KVK, Nimpith welcomed all the dignitaries and scientist from all seed hub centers. During his welcome address, he briefed about the activities taken up Ashram and also by KVK for betterment of lives of people in the Sundarban area of West Bengal. KVK Nimpith has taken by Ashram lot of programmes on demonstration of different agricultural technologies in the farm and also made efforts to introduce Sunflower crop in the area during Rabi Season.

5. Dr. Anupam Barik, Additional Commissioner (Oilseeds) in his introductory remarks briefed about the role of seed hub programme to improve the Seed Replacement Ratio (SRR) in oilseed crops and explained about the proposal of launching of NMEO in the country to increase the production of oilseeds and reduce the import burden on country's exchequer. He requested all the participating centers to give the feedback on constraints and suggestions on implementation of seed hub programme, so that target of producing 60,000 qtls. of certified seeds could be achieved during 2019-20. DAC&FW is also proposing to increase the no. of seed hub of the basis of the success of current seed hubs.

6. Dr. S.K. Jha, Assistant Director General (Oilseeds), ICAR, New Delhi appreciated the work done by KVK, Nimpith towards agricultural and other activities taken up in the saline tracked of Sundarban area. He also briefed about the importance of seed in increasing the oilseed production in the country and contribution of seed produced by seed hub programme to the total seed requirement of oilseed crops in the country. The seed produced under seed hub programme is contributing only about 0.25% of the total seed requirement of oilseed crops. Among the oilseed crops, the seed requirement of Soybean and Groundnut is about 90-95% of total seed

requirement of oilseed crops and seed production of these crops has to be taken up during Kharif season only under un-stabilized weather conditions. Stabilized seed production is possible during rabi season due to un-favorable climatic conditions specially irrigation facilities, through which higher seed production can be achieved. He also informed that the facilities created under seed hub programme will be helpful in long term.

7. Joint Secretary (OS) during her remarks briefed about the objectives of seed hub programme in increasing the availability of quality seed and enhancing the fertilizer use efficiency and directed all centers to focus on the objectives. There is need to have the information on problem faced by all seed implementing centers & suggestions for successful implementation of programme, so that the problems will resolved before launching of new mission of NMEO with increased number of seed hubs. The actionable points of previous seed hub review meeting viz., creation of seed portal, seed hub registration, Geo tagging, monitoring, creation of centre of excellence for oilseed, etc. needs to be addressed at the earliest. While explaining the purpose of launching NMEO, she stressed on achieving the higher Seed Replacement Ratio and Varietal Replacement Rate, which are main components in increasing the oilseed production.

8. During the technical session, the Director, DOD, Hyderabad, Directors of IISR, Indore, DGR, Junagadh, DRMR, Bharatpur and IIOR, Hyderabad made presentations on progress of seed hub programme during 2018-19 and 2019-20. The main observations made during technical session were given below.

8.1 Dr. K. Manoharan, Director, DOD, Hyderabad

- The variation in target fixed by GOI and seed hub centres needs to be rectified and the crop and variety-wise seed production achievement against target needs to be submitted to DOD, Hyderabad.
- Avoid using more than 10 years old variety in seed production programme.
- Acceptance of cultivating new groundnut varieties in place of Kadiri-6 needs to be addressed.
- Seed production of oilseed crops taken up during Kharif season affected due to heavy rains in some states resulting lessor production of seed against the target.
- Possibility of providing subsidy for certified seed distribution to seed hub centres needs to explored.
- To overcome the problem of seed lifting, steps like informing the seed availability to SSC, NSC, NAFED & Seed cooperatives well in advance, use of seed for cluster demonstration, FLDs, wide publicity and organizing the seed mela may be taken up.

8.2 GROUNDNUT - Dr. T. Radhakrishnan, Director, DGR, Junagadh

- High volume crop in groundnut crop is major issue in achieving the target and also storage of huge quantity in the godown. The problem of availability of foundation seed during 2019-20 has been resolved.

- Higher allocation of infrastructure fund to groundnut crop to accommodate high volume groundnut seed.
- As the target is too high, procurement of seed with allocated revolving fund is difficult.
- Crop-wise allocation of revolving funds needs to be followed instead of uniform allocation of fund to all crops.
- Distribution of seed produced under seed hub programme within one year needs to assured and the problem of indenting more quantity of breeder seed of K-6, more than 10 years old variety, needs to addressed.

Following groundnut seed centres expressed their views on implementation of seed hub programme

- 1) **RARS, Palem** :i) Fund available under revolving fund is not sufficient to procure about 2000 qtls of groundnut seed produced under seed hub centre; ii) The breeder seed produced under seed hub programme during 2018-19 needs to be considered; iii) The fund allocated i.e. Rs. 50.00 lakhs for infrastructure is sufficient to construct the seed godown only and provision of additional fund for processing unit may be considered; iv) Provision for hiring of seed godown during current year may be considered.
- 2) **UAS, Dharwad** :Seed production during Kharif has been affected due to heavy rains.
- 3) **TNAU, Coimbatore**: i) Price difference between seed distribution by SDA and KVK is affected lifting seed produced under seed hub programme; ii) Problem of lifting of seed.
- 4) **GKVK, Bengaluru**: i) Inclusion of old varieties viz., Kaidiri-6 is required due to preference by traders; ii) new varieties produced under seed hub programme may be included under seed minikitprogramme to demonstrate the performance to farmers.
- 5) **OUAT, Bhubaneshwar** :i) Extension of booking expenditure beyond March, 2020 as the seed produced during Rabi/Summer will be available for procurement after March only.

8.3 SOYBEAN - Dr. V. S. Bhatia, Director, IISR, Indore

- KVK, Bemetera and RRS, Adilabad centres produced more than the target and production was less than target in other centres due to delayed onset of monsoon and heavy rains during August, September.
- The revolving fund with VNMKV, Parbhani is much higher (Rs. 85.99 lakhs) compared to released amount of Rs, 500 lakhs due to better lifting of seed.
- Due to non-implementation of seed hub programme during 2018-19 by MAF, AU, Kota, the funds for infrastructure and also evolving funds released only during December, 2019.

8.4 Following Soybean seed centres expressed their views on implementation of seed hub programme

- 1) **UAS, Raichur:** i) Seed production affected due to heavy rainfall during Kharif, 2019 and only 500 qt of seed passed the germination test against the total procured seed of 3000 qts. ii) Quality of seed also got affected.
- 2) **RRS, Adilabad :** i) Lifting of seed;
- 3) **MAF, AU, Kota:** centre requested for extension of the programme for next year so that they can implement the programme.
- 4) **VNKMV, Parbhani :** There is some problem in registration of seed hub centre in seed portal as the name of centre is not appearing in the website.
- 5) **IGKVV, Bemetera :** There is a chance of diversion of Soybean area to rice area in the state.

The chairman directed all the centers to give the crop and variety wise details of certified seed available with centers to Ministry for further passing the information to seed division/State Department of Agriculture with a direction to include in the State Annual Action Plan.

8.5 RAPESEED-MUSTARD- Dr. Bhagirath Ram, Principal Scientist, DRMR, Bharatpur

- Morena centre is not performing well in implementation of seed hub programme.
- Construction of seed godown is under progress in most of the seed hub centers.
- The seed production of old varieties like NRCHB-101 and TS-36 needs to be stopped by Kamrup and suggested for testing of Tapeswari, a newly released variety.

Following Rapeseed-Mustard seed centres expressed their views on implementation of seed hub programme

- 1) **KVK, Kamrup:** i) Suggested to avoid producing old varieties and Tapeswari is under testing, will be produced based on its performance.
- 2) **ARS, Sriganaganagar :** Lifting of seed is problem and seed produced during 2018-19 is still available with centre.
- 3) **KVK, Kota and RRS, Rewari ;** Lifting of seed.
- 4) **KVK, Mirzapur :** i) Fund has been received by University, however, centre has not yet received fund for implementing seed hub programme; ii) Subsidy for distribution of seed similar to State Department of Agriculture; iii) Requested for deviation for expenditure to other activities, which is not considered by Ministry.

During the discussion, Director (Seed), TNAU, Coimbatore requested to issue guidelines from centre for providing the subsidy for seed produced under seed hub programme.

8.6 OTHER OILSEED CROPS - Dr. S. N. Sudhakar Babu, Principal Scientist, IIOR, Hyderabad

- Availability of parental seed of sunflower is a problem.

- GKVK, Bengaluru requested for inclusion as seed hub centre of sunflower, as they are the main centre for producing seed of sunflower hybrid seeds.
- There is less chances of utilizing the revolving fund released for Niger crop.

8.7 Following seed hub centers of sunflower, safflower, castor, sesame, linseed and Niger expressed their views on implementation of seed hub programme

- 1) **JNKV, Jabalpur**: Centre has made efforts to distribute the linseed seed produced under seed hub programme, but they could not sell the seed.
- 2) **IIOR, Hyderabad** : i) Market rate of safflower produce is higher than procurement cost of seed resulting difficulty in procuring the seed, ii) Extension of budget during next year also.
- 3) **UAS, Bengaluru** : Centre has produced the sunflower seed, which needs to be included under seed hub programme by sanctioning sunflower seed hub centre to Bengaluru.
- 4) **MPKV, Solapur** : i) Safflower seed is being procured at market price plus 25% of market rate, ii) Safflower seed is produced in the University farm only and volume of seed is also more; iii) Seed produced during last year is still available for distribution.
- 5) **ARS, Sumerpur** : Market rates of sesame is higher than MSP and procuring the seed from farmer is very difficult.
- 6) **KVK, Nimpith** : i) Supply of parental seed of sunflower is less from Laturcentre; ii) Centre could not receive foundation seed of CUMS 17 resulting in less production of newly released variety; iii) KBSH-53 hybrid is performing better in West Bengal state, however, it is released for Karnataka state only.
- 7) **OUAT, Bhubaneshwar** : Lifting of linseed seed is difficult,

9. After the technical session, Dr Anupam Barik, ADC (Oilseeds) in his closing remarks informed about the objectives of propose of NMEO and informed that the current level of 33% SRR of oilseeds has been targeted to increase to 47% by 2024-25. He also informed that there will be no additional seed hub centre for linseed and castor in the proposed NMEO however the existing will continue. All centers have been directed to given the details of centre-wise constraints faced during implementation of the programme and also submit the quantity of seed available with them for distribution during ensuing season to the Ministry, so that necessary action may be taken up. The request for extension for booking expenditure for 6 months after March from ICAR-IIOR Hyderabad may kindly be forwarded to the Ministry for consideration.

The Chairman in her concluding remarks informed that the seed hub programme to be continued during next year and directed to implement the programme effectively to achieve the objectives of the programme.

The meeting ended with vote of thanks by Dr. C. K. Mandal, SMS, RMKVK, Nimpith, W.B.

10. Recommendation of the review meeting.

1. DAC&FW will provide a format for submission of physical and financial progress of each seed hub and the same may be forwarded to the Ministry within 15 days

(Action: - Oilseed Division and seed Hub Centers)

2. ICAR-IIOR may request DAC&FW to extend the seed hub program upto October 2020 within the allocated amount to finish the infrastructure and to achieve The full target of seed production

(Action: - ICAR-IIOR, Hyderabad)

3. Crop wise allocation of revolving fund need to be rationalized instated of uniform allocation of Rs. 100.00 lakh per seed hub

(Action:-DAC&FW/ICAR-IIOR)

4. Seed produced by seed hubs can be mandatorily lifted by State Government and the same will be included under Annual Action Plan of respective States.

(Action: - DAC&FW/ICAR/ States)

5. 10 years age bar of varieties in case of minor crops like Sunflower, Safflower, Sesame, Niger, Linseed and castor may be relaxed due to non availability of less than 10 years old varieties and sufficient quantity breeder seeds

(Action: - DAC&FW)

6. Separate account, geo tagging, seed certification registration, seed portal registration, achieving seed production target are mandatory for all seed hubs

(Action: - all seed hub Centers)

7. Market rate of sesame is higher than MSP. In such cases procurement of seed from farmers at market rate may be allowed under revolving fund

(Action: - DAC&FW)

**List of participants in Mid-Term Review Workshop of Oilseeds Seed Hub held on
24.01.2020 at Ramkrishna Ashram Krishi Vigyan Kendra, Nimpith.**

List of Participants

Sl. No.	Name	Designation
1.	Ms. Shubha Thakur	JS (Crops & Oilseeds), DAC & FW, GOI, New Delhi
2.	Dr. S. K. Jha	ADG (OP), ICAR, New Delhi
3.	Dr. Anupam Barik	ADC (Oilseeds), DAC & FW, GOI, New Delhi
4.	Dr. Radhakrishnan T.	Director, ICAR-DGR, Junagarh
5.	Dr. V. S. Bhatia	Director, ICAR-IISR, Indore
6.	Dr. S. N. Sudhakara Babu	PS, ICAR-IIOR, Hyderabad & Nodal officer, Seed Hub
7.	Dr. K. Manoharan	Director, DOD, Hyderabad
8.	Dr. Narendra Kumar	Director, DJD, Kolkata
9.	Dr. Bhagirath Ram	PS(Breeder), ICAR-DRMR, Bharatpur
10.	Dr. S. Sundareswaran	Director, Directorate of Seed Centre, TNAU
11.	Dr. Pratap Singh	Director of Research, AU, Kota
12.	Dr. K.K. Pal	PS, ICAR-DGR, Junagarh
13.	Dr. Mrinal K. Kulchan	PS, ICAR-IISR, Indore
14.	Dr. Durga Rani	PS (Oilseeds), PJTASAU, Hyderabad
15.	Dr. K. Madhusudhan	Special Officer (Seed), GKVK, UAS, Bangalore
16.	Dr. Basawe Godwa	Special Officer (seeds), UAS, Raichur
17.	Dr. A. Motilal	Professor, RRS, TNAU
18.	Dr. S. R. Venkatachalam	PS & Head, TCSR, TNAU
19.	Dr. Shree Ram Singh	Pr. Scientist & Head, KVK, Mirzapur
20.	Dr. N.L. Meena	Officer, Incharge, MAF, Kota
21.	Dr. D.N. Kalita	PS& Head, AAU, Jorhat
22.	Dr. V. N. Tiwari	Principal Scientist, JNKVV, Jabalpur
23.	Dr. Ashok Kumar Dehinwal	Scientist AICRP, CCSHAU, Hisar, RRS, Bawal
24.	Dr. G. P. Ayam	Senior Scientist & Head KVK-Bemetara, MP
25.	Dr. (Mrs) Anisa M. Nimbale	Asst Officer (Seeds), UAS, Dharwad
26.	Dr. (Mrs) Priya K.	SRF, UAS, Dharwad
27.	Dr. Ajoy Das	Agronomist, Dhanya Ganga KVK, RK Mission
28.	Dr. Harsha Vardhan	ARSS,AU, Jodhpur
29.	Dr. S. K. Bairwa	Farn-I/C, SKRAU, Sriganganagar
30.	Dr. A. H. Rathod	I/C Seed hub Soybean, VNMKV, Parbhani
31.	Dr. S. B. Ghuge	Safflower Breeder, VNMKV, Parbhani
32.	Dr. S. K. Shinde	Safflower Breeder, MPKV, Solapur
33.	Dr. Srimanta Sahoo	Agronomist, OUAT, Bhubaneswar
34.	Shri Bibhuti Bhusan Dalei	Jr. Agronomist, OUAT, Bhubaneswar
35.	Dr. K. C. Pradhan	Jr. Breeder, AICRP-Groundnut, OUAT, Bhubaneswar
36.	Dr. C.K. Mondal	SMS (Horti), RAKVK& I/C, Seed Hub

37.	Dr. A. Roy	Jr. Agronomist, AICRP-Sunflower, RAKVK
38.	Shri S.S. Kagi	Assistant Director, DOD, Hyderabad
39.	Shri Anuj Kumar	Administrative Officer, DJD, Kolkata
40.	Shri Jintu Das	Joint Director, DJD, Kolkata
