

**Minutes of the Seventh Meeting of the National Food Security Mission
Executing Committee (NFSM-EC) held on 02.09.2011 under the
Chairmanship of Secretary (A&C)**

Seventh meeting of National Food Security Mission Executing Committee (NFSM-EC) was held on 02.09.2011 at 3.00 PM under the Chairmanship of Secretary (A&C) in ICAR Committee Room No. 1, Krishi Bhawan, New Delhi. List of participants is appended.

1. Welcoming the participants, Mission Director NFSM informed about the purpose of the meeting as to review the progress of implementation of mission programmes of rice and pulses during Kharif 2011 and preparedness for Rabi 2011-12. He also briefed the Committee about the discussions held in the forenoon of 2nd September, 2011 with major pulse growing States to work out strategies for additional programme for pulses during Rabi 2011-12 to meet the likely shortfall of pulses on account of likely shortfall in area sown during Kharif 2011. He said that resources available under NFSM including A3P and 60,000 pulse villages could be utilized gainfully by the States to meet the shortfall of Kharif pulses
2. Agriculture Commissioner said that as per the current sowing trends, paddy coverage would be relatively higher than those of previous years but there could be shortfall under pulses during Kharif 2011 which was a matter of concern. He appreciated the good progress made by Punjab and Haryana in promoting moong during summer 2011. He stressed on the larger scope for area expansion under summer moong in Punjab, Haryana and also in Western Uttar Pradesh.
3. Secretary (A&C) desired that States in their presentations should indicate impact of mission programme on improvement in productivity of rice, wheat and pulses crops over the base year of 2006-07. He also sought specific inputs on the strategy to compensate the area shortfall and consequent likely shortfall in production of kharif pulses through efforts on enhancement of productivity of the standing crops and for higher area coverage in Rabi 2011-12 along with additional requirement of funds, if any.

4. Thereafter, agenda items were taken up as under:-

4.1. **Agenda Item No. 1 & 2:** Minutes of the Sixth Meeting held on 15th December, 2010 were confirmed as there were no amendment /modification suggested by any Member. Compliance on the Action Taken Report on the decisions of previous meeting was noted.

4.2. **Agenda Item No. 3:** Ex-post-facto approval was accorded by the Committee for State Action Plans for NFSM-rice, wheat and pulses for 2011-12.

4.3. **Agenda Item No. 4:** The State-wise presentations comprising review of progress of implementation of NFSM-rice and pulses during Kharif 2011 and preparedness for NFSM-wheat for Rabi 2011-12 are summarized as under:-

4.3.1. **Uttar Pradesh:** State Mission Director informed that yield gain of 21%, 13% and 11% during 2010-11 was achieved over the base year of 2006-07 in case of rice, wheat and pulses respectively. Higher area coverage of rice and pulses of 30.63 Lakh ha and 26 Lakh ha during Kharif 2011 as compared to coverage of 29.06 Lakh ha and 24.28 Lakh ha during Kharif 2010 with better crop prospects during Kharif 2011 due to good rainfall. In addition, larger coverage under hybrid rice (11.00 Lakh ha) and SRI (2.00 Lakh ha) would contribute to higher rice production during Kharif 2011.

Adequate seeds and other inputs were arranged for Rabi 2011-12 for pulses and wheat. In order to enlarge the credit network, 15.18 Lakh additional KCCs were distributed to the farmers during current year. No additional funds would be required.

4.3.2 **Bihar:** State Mission Director informed that initially rainfall was deficient in some parts of the State. However, rainfall position improved in the month of August all parts of the State that has improved area coverage in paddy this year including the lagging South Bihar Districts. An area of 34.00 Lakh ha was covered under rice in Kharif 2011, including 4.00 Lakh ha area of

hybrid rice and SRI cultivation as against coverage of 30.91 Lakh ha during Kharif 2010. However, use of somewhat older seedlings in late transplanting areas might have some adverse impact on productivity of Kharif rice. Arhar plantation on field bunds and lentil as para crop in low lying areas would be promoted. Adequate seed of wheat and pulses are available in the State. Distribution of farm machines is being promoted through district level campaign/Mela. Joint Secretary (Crops) desired to know the reasons / factors for consistently low performing districts like Nalanda under NFSM Rice. He advised the State to complete the concurrent evaluation for the purpose.

4.3.3 Assam: The state representative informed that the rice productivity increased from 1215 kg per ha. in 2006-07 to 1969 kg per ha. in 2010-11. More than 60000 ha of rice area had been brought under hybrid rice and State intended to increase the area under hybrid rice in boro season 2011-12. NSC assured supply of 5000 qtl of hybrid rice seed for boro season 2011-12. More shallow tube wells would be sunk during 2011-12 so that productive Boro Rice area could increase with assured irrigation.

4.3.4 Haryana: Director General (Agriculture), Govt. of Haryana informed that productivity of wheat in 7 NFSM districts increased from 3956 kg per ha in (2006-07) to 4133 kg per ha (2008-09) and reached 4410 kg per ha during 2010-11. Yellow rust was reported to be emerging as a major area of concern for the state. Resistant varieties namely DBW-17, WH-542 and PBW-550 were being promoted in the susceptible areas. As regard, pulses it was informed that 50,000 ha area was brought under summer moong during 2010-11 and an area of 1.00 Lakh ha was planned for summer 2012. The following issues were proposed for consideration:

- Supply of Propiconazole 25% EC on 50% subsidy to farmers under NFSM Wheat.
- Additional requirement of Rs. 6.25 Crores for distribution of 25,000 quintals of certified seeds of summer moong.
- Supply of happy seeder and straw reaper under NFSM Wheat.

- Chemical control of Orobanche a parasitic weed of mustard.

It was informed by the representative of NCIPM that as per international literature pseudomonas-a bio agent could be used for control of Orobanche. However, as per ICAR technology the Orobanche plants are to be cutoff with a *Khurpi*/knife dip in diesel.

4.3.5 Punjab: State Mission Director informed that a meeting was convened in June, 2011 under the Chairmanship of Chief Secretary, Government of Punjab wherein district-wise target for Rabi 2011-12 were decided and seed supply had already been planned. In anticipation of likely yellow rust incidence, State had already finalized the rate contract for supply of PP chemicals and was better prepared this year to control the disease and its spread. During Rabi 2010-11, a sum of Rs. 3 Crores was spent on control of yellow rust from RKVY. The productivity of wheat in NFSM district increased from 4128 kg per ha (2006-07) to 4397 kg per ha in 2008-09. Wheat yield declined during 2009-10 to 4189 Kg per ha, however, higher yields between 4306 Kg to 4970 Kg per ha was recorded during Rabi 2010-11. As against the coverage of 77,000 ha area under moong during summer 2011, an area of 1.50 Lakh ha was planned for summer 2012.

4.3.6 Maharashtra: State Mission Director informed that Kharif programme of NFSM was being implemented in project (cluster) mode covering about 100 ha area in each cluster. It was reported that as against the targeted area of 140 Lakh ha, an area of 130 Lakh ha had been covered during Kharif 2011 leaving a total shortfall of 5 Lakh ha mainly because of rainfall aberrations. Major shortfall was under pulses (moong , Urad) and millets. To address this shortfall, State planned to increase an additional area of 47,000 ha under gram and 20,000 ha under other Rabi pulses. Besides, more area would be covered under e-Pest Surveillance for productivity improvement of pigeon pea. Strategy to improve the productivity was being addressed through group formation of farmers (15-20 farmers per group), implementation of production programme in project mode with end

to end approach with a Project Management Team headed by Project Manager and Circle Agriculture Officer, Agriculture Supervisor, Agriculture Assistants and Farmers Group Leader as members; training of Group Leaders by SAUs/ Department; supply of inputs through MSSC and MAIDC with market linkages between producers and consumer groups. An additional requirement of Rs. 7.83 Crores was proposed for supply of 34,000 quintal of seed of pulses and 50,000 hectares under IPM during Rabi 2011-12. The state proposed to include paddy transplanter in place of rotavator for distribution under NFSM-rice and rotary tiller under NFSM-pulses.

4.3.7 Gujarat: State representative informed coverage of 8.05 Lakh ha area under pulses with expected production of 6.80 Lakh tonnes as against last year coverage of 8.01 Lakh ha and production of 5.80 Lakh tonnes is likely to be achieved during the year. Under 60,000 pulse villages programme, 30-40% of progress has been achieved in construction of farm ponds. As regards preparedness for wheat and gram for Rabi 2011-12, no shortage of seed and other inputs were reported. As against the last year coverage of 2.13 Lakh ha of gram, 2.46 Lakh ha area was proposed this year. No additional funds were required for area expansion of Rabi Pulses. Agriculture Commissioner suggested that State might find out the availability of seed of KRL-19 – a wheat variety for saline areas from CSSRI, Karnal. The state proposed to change districts under NFSM-rice to which JS (crops) responded by stating that the state would be consulted while deciding parameters for selection of districts in 12th Plan.

4.3.8 Rajasthan: State representative informed that State received good rainfall during Kharif 2011. No district was under deficit or scanty rainfall category. Area under pulses however, declined from 29.16 Lakh ha covered during Kharif 2010 to 25.55 Lakh ha leaving a gap of about 4.00 Lakh ha. The major shortfall was under ‘moth’ mainly because of delayed onset of rainfall in the Western Rajasthan. This shortfall was likely to be

compensated through better productivity with better soil moisture conditions. The overall pulse production for the year was expected to be at par with ever highest production of 33.32 Lakh tonnes achieved last year. More than 4 Lakh quintals seed of gram was available in the State for Rabi 2011-12. No additional funds would be required. Under 60,000 pulse village scheme, 1180 ponds had been constructed during current year. However, farmers were not enthusiastic about the plastic lining component of the existing ponds. He also made a mention that Hon'ble Chief Minister of the State had emphasized to maintain the momentum of pulse production achieved during last year. In response to a query from the Secretary (A&C), it was clarified that seed production of 'moth' varieties had been undertaken under RKVY by RAU, Bikaner and availability of seed would be increased from current level of 4,000 quintals to 15,000 quintal during next Kharif season.

4.3.9 Madhya Pradesh: State representative informed that State received good rainfall and there would not be any shortfall of area coverage under Kharif pulses. Crop health was also much better than that of the previous year and the State was expecting a gain of about half a million tons of pulses in production as compared to last year. The state had achieved significant yield gains in wheat during 2010-11 and was poised to record equally good performance in wheat and pulses during 2011-12. Additional area of 1.30 Lakh ha under gram and 0.20 Lakh ha under lentil was proposed for Rabi 2011-12 with an additional demand of Rs. 26 Crores.

5 Agenda 5& 6 : Presentations from ICARDA, ICRISAT, IRRI, NIC, NCIPM

5.1 It was informed by the representative of ICRISAT that with hybrids of pigeon pea namely; ICPH-2671 released in Madhya Pradesh and ICPH-2740 performing well in Andhra Pradesh, Karnataka and Maharashtra, there was yield advantage of 28-60% as was recorded with maximum yield of 5 tonnes per ha in Maharashtra. He requested DAC to intervene and involve SFCI, NSC and Seed Corporations of Andhra Pradesh,

Karnataka, Madhya Pradesh and Maharashtra for seed production of these hybrids.

- 5.2** Representative of IRRI informed that about 1.50 Lakh ha area was covered under submergence tolerant varieties of rice in Eastern India. Approximately 2 Lakh minikits of stress tolerant varieties of IRRI were supplied during Kharif 2011 and 1900 ha area was covered under demonstration in BGREI States. He also informed of the training of the District level officials at IRRI Manila in November 2011.
- 5.3** Representative of NCIPM informed about the activities undertaken on National Pest Reporting and Alert System, Registered Scout Information and Methodology of e-Pest Surveillance. He informed that 7247 SMS alerts were sent during Kharif 2011. Slowly the response from the field was increasing in terms of reporting pest incidence in prescribed data sheets every week from the static plots. He informed that the crop advisories and the follow up action by farmers resulted in substantial yield gain while the pesticide use decreased. This increased the income of the farmers.
- 5.4** Representative of ICARDA informed that some lentil varieties tolerant to *Casputa* were available in Syria. ICARDA would try to get seeds of these varieties for evaluation under Indian agro-climatic conditions.
- 5.5** Representative of NIC informed that except Andhra Pradesh and Bihar, response from the NFSM States had not been encouraging for providing the district level online data entry about the progress of NFSM. He suggested that District Level Centre of NIC should be contacted by the States for any kind of technical support/training. He further suggested that some weightage for use of IT tools could be kept by the Mission while evaluating the performance of the State under Reward scheme.
- 6** In his concluding remarks, the following observations were made by Secretary (A&C):-

- 6.1 Follow up actions on the provisions contained under MoU signed between DAC and CIMMYT particularly for sourcing rust tolerant material from CIMMYT.
- 6.2 Convening a meeting of NSC, FCI, State Seeds Corporations of Andhra Pradesh, Karnataka, Madhya Pradesh, Maharashtra and ICRISAT by Agriculture Commissioner for augmenting the availability seed of hybrid pigeon pea developed by ICRISAT.
- 6.3 To examine the request of States for supply of Propiconazole 25% EC under NFSM-wheat for control of yellow rust.
- 6.4 To take up the matter relating to non-performing districts under NFSM with the Chief Secretaries of the concerned States.
- 6.5 To support efforts of the States towards increasing the production and productivity of pulses during Rabi/summer 2011 to meet the likely shortfall of Kharif pulses.

7 Action Points:

- 7.1 Latest progress reports of NFSM, Utilisation Certificates and audited U.Cs as required by NFSM cell are to be submitted for further releases (**Action: States**)
- 7.2 Progress report 2010-11 of BGREI, 60000 Pulses villages programmes; latest progress report of BGREI and 60000 pulses villages programme(**Action: States**)
- 7.3 Unit wise report on performance of A3P units in the prescribed format to be submitted.(**Action: States**)
- 7.4 Reports of concurrent evaluation needs to be submitted.(**Action: All states except A.P**)
- 7.5 Reconciliation of APY data submitted by state agriculture department and state statistics department(**Action: All states , especially A.P, Gujarat**)
- 7.6 A letter to be written to DG, CIMMYT for supply seed of yellow rust resistant varieties for testing their suitability to Indian Climatic Conditions (**Action: CIMMYT, NFSM Cell, DAC**)

- 7.7 A meeting needs to be convened with ICRISAT, national and state seed producing agencies for chalking out seed multiplication plan for Pigeon pea hybrids. (**Action: ICRISAT, NFSM Cell, DAC**)
- 7.8 Examining the request of States for supply of Propiconazole 25% EC under NFSM-wheat for control of yellow rust. (**Action: NFSM Cell, DAC**)
- 7.9 Letter to all chief Secretaries of concerned states regarding non-performer districts under NFSM. (**Action: NFSM Cell**)
- 7.10 A plan should be chalked out and budgetary support should be made available to the states for enhanced production and productivity of pulses during rabi/summer 2011 to meet the likely shortfall of Kharif pulses based on the requirement projected by the states. (**Action: NFSM Cell, States**)

5 List of Participants NFSMEC held on 2.9.2011

Sl. No.	Name & Designation	Address
1	Shri P.K. Basu, Secretary (A&C)	DAC, Krishi Bhawan, New Delhi.
2	Dr. Gurbachal Singh, Agriculture Commissioner	DAC, Krishi Bhawan, New Delhi
3	Shri Mukesh Khullar, Joint Secretary (Crops) & Mission Director, NFSM	DAC, Krishi Bhawan, New Delhi
4	Shri S.C. Garg, Joint Secretary (RKVY)	DAC, Krishi Bhawan, New Delhi
5	Shri Sanjeev Gupta, Joint Secretary (Extn.)	DAC, Krishi Bhawan, New Delhi
6	Smt. A. Neeraja, Director (Crops)	DAC, Krishi Bhawan, New Delhi
7	Dr. J.P. Singh, Director (DMD)	DAC, Krishi Bhawan, New Delhi
8	Smt. V.V. Vijaylaxmi, Addl. DA	Govt. of Andhra Pradesh, Hyderabad
9	Smt. S. Shalaye	Govt. of Andhra Pradesh, Hyderabad
10	Dr. K. B. Saxena, Principal Scientist	ICRISAT, Patancheru, Hyderabad
11	Dr. Robinder Nath Chutiya Director of Agriculture	Govt. of Assam, Guwahati
12	Shri Upen Chaudhary Bora, DDA (P&O)	Govt. of Assam, Guwahati
13	Dr. Krishna Bihari, DDA (NFSM)	Govt. of Bihar, Patna.
14	Shri H.K. Vadhvaniya, DDA	Govt. of Gujarat, Gandhinagar
15	Shri A.K. Yadav, DG (Agriculture)	Govt. of Haryana, Panchkula.
16	Shri B.S. Duggal, Addl. DA	Govt. of Haryana, Panchkula.
17	Shri Jata Shamkar Chaudhary Mission Director NFSM	Govt. of Jharkhand, Ranchi
18	Shri B.S. Dhruva, JDA	Govt. of M.P., Bhopal
19	Shri Prabhakar Deshmukh Commissioner of Agriculture	Govt. of Maharashtra, Pune.
20	Shri Jayant Deshmukh Director of Agriculture (Extn.)	Govt. of Maharashtra, Pune.
21	Shri Saraja Ranta Das Trg. Officer, NFSM	Govt. of Orissa, Bhubaneswar.
22	Shri Gurdial Singh, JDA	Govt. of Punjab, Chandigarh.
23	Shri L.N. Kumawat, JDA	Govt. of Rajasthan, Jaipur.
24	Shri Alok Ranjan, APC	Govt. of Uttar Pradesh, Lucknow

Sl. No.	Name & Designation	Address
31	Dr. D.M. Singh, Addl. Director Agri	Govt. of Uttar Pradesh, Lucknow
32	Dr. P.K. Suri, Sr. Technical Director	NIC, CGO Complex, Lodhi Road, New Delhi
33	S. Balasundar, Scientist 'D'	NIC, R.No. 21 B, Krishi Bhawan, New Delhi
34	Dr. R. Chaudhary	ICARDA, South Asia Office, NASC Complex, Pusa, New Delhi
35	Dr. J.P. Tandon, Ex ADG (FFC) ICAR	A-72, Sector-14, Noida
36	Shri Prabhat Kumar, Director	ICRISAT, New Delhi
37	Dr. G.P. Gupta, National Consultant	125, NSC Complex, Pusa, New Delhi
38	Dr. O.P. Sharma Principal Scientist (PP)	NCIPM, LBS Building, IARI Campus, Pusa, New Delhi
39	Shri U.S. Singh, South Asia Coordinator	IRRI, India Office, New Delhi
40	Dr. M.N. Singh, Joint Director	DAC, Krishi Bhawan, New Delhi
41	Shri Narender Kumar, Asstt. Director	DAC, Krishi Bhawan, New Delhi
42	Dr. S.K. Yadav, STA	DAC, Krishi Bhawan, New Delhi
