VISIT OF NLMT TO ODISHA TO MONITOR THE PROGRESS OF IMPLEMENTATION OF NMOOP FROM 28TH SEPT TO 01ST OCT 2015

Team composition

1. Sri M.N Sukumaran, Director (OS), Ministry of Agriculture & Farmers Welfare, GOI, New Delhi. - Coordinator

2. Dr. S.D.Billore, Principal Scientist (Agronomy), ICAR- Directorate of Soyabean Research, Indore, MP

3. Dr. A.L. Waghmare, STA, Directorate of Pulses Development, Ministry of Agriculture & Farmers Welfare, GOI, Bhopal, MP

   Assisted by - Sri Suvash Chandra Panda, APO (Oilseeds), Director of Agriculture and Food Production, Odisha, Bhubaneswar

   The team visited districts of Bargarh, Subarnapur, Angul, Dhenkanal and Bhubaneswar as per details given below:

Date - 28.09.2015

1. Village – Darlipali, Block – Paikmal, Dist – Bargarh, Component – Ground nut Minikit, Variety TG-51
   Total Minikit supplied – 50

   - Farmers were satisfied with the performance of the variety.
   - About 6-8 Qtls. / acre yield is assessed from minikit.
   - PRI System is used for selection of beneficiary.
   - Minikit supply by NSC in time in the month of June.
   - Intercropping of ground nut with Arhar is being undertaken by the farmers in the ratio of 6:1.
   - All the seeds / area of the ground nut minikit has been registered under seed production by the state department and the procurement price has been fixed at Rs. 64.00 / Kg seed.
   - Increase in incentive under seed production by the extension officials / farmers.
   - Celosia Argentia (Cocks Comb) weeds the major problem in ground nut fields.
   - Farmers used 50 Kg DAP + 15 – 30 Kg Potash per acre for ground nut crop.
   - Aphids, Stem rot, Collar Rot are the major pests in the locality.
   - Seed treatment / inoculation not followed by the farmers in the locality.

2. Farmer	Village / District	Component
Arkhid Swain	Vill – Mansil, Dist – Bargarh	Oil palm plantation 450 Plants Area – 3 ha Age of plant: 1 ½ years Subsidy Rs. 10.00 per plant, Total cost of sibling Rs. 27.00 For marketing – MOU with Godrej

- There was demand that subsidy should be increased in Drip component.
- Demand of farmers for Solar System to solve the electric problem in the area.

3. Village – Marhapalli, Block – Padmapur, Dist – Bargarh, Component – Minikit, Variety – TG – 51

    - A total of 150 minikits were allocated to the village. Farmers recorded 6.0 – 6.5 Qtl. / acre yield from the minikit.
    - Farmers satisfied with the performance of the minikit variety.
    - Non-adoption of seed treatment with fungicide and seed inoculation with liquid bio-fertiliser was pointed out during discussion.

Date – 29.09.2015

1. Village – Sulsuli, Block – Bhatli, Dist –Bargarh, Component –Seed Minikit, Crop stage – Maturity to harvesting stage,
   Farmers– Sri Bhojraj Podar / Sri Ghanashyam Shah.

    - Farmers satisfied with the performance of the minikit variety (TG – 51).
    - Farmers are expecting the yield of 8 – 10 Qtl. / acre.

    Field visit was followed by meeting with stakeholders in the O/oDeputy Director of Agriculture office, Bargarh.

    - District wise brief given by respective districts – Bargarh, Angul, Subarnapur and Dhenkanal (**Appendix-II**)
    - Availability of seeds of ground nut and Gypsum are the constraints faced by the farmers.
    - Labour is main constraint in Angul district being an industrial belt. Farm mechanization has been given priority in the district.
    - Ground nut crop is being replaced by cotton and other cash crop in some areas due to non-availability of seeds at the time of sowing and less remunerative price. Fields are heavily infested by the weeds.

- Short duration mustard variety (100 days duration) are in demand.
- Lack of dehumidified seed storage Godown.
- Odisha State Seeds Corporation (OSSC) / Odisha Agro Industries Corporation (OAIC) are dealing with the seed production and seed distribution in the State.
- The Seed Certification Officer pointed that Bargarh district has potential for ground nut seed production. Further he pointed out about the requirement of training to farmers for seed production and demanded for a processing unit in the area.
- Problem of procurement and timely payment to the seed producer / grower.
- The Officials from Horticulture Department briefed about the progress under oil palm and tree borne oil seeds (TBO) of the State. It was informed that olive cultivation was found not successful.

Date – 30.09.2015

Component – Minikit – Ground nut Variety (ICGV-91114),
Village – Kurdul, Block – Banarpal, Dist – Angul
Village – Chaulia Khamarl, Block –Dhenkanal, Dist – Dhenkanal.

- The crop (minikit) faced moisture stress during pegging stage in Angul district.
- Intercropping of groundnut with Arhar (6:1) have been undertaken and farmers are expecting yield of 6-8 Qtls. / acre in Angul district.
- The farmers of Dhenkanal used weedicide Rapta (Oxydizonol), post emergency for control of Celosia Argentia.
- The performance of TG-51 is better than the variety ICGV – 91114 in the district.
- Seed production of Arhar variety (VLArhar-1) in the village Bahirkhana, Block – Sonepur under Deputy Director of Agriculture, Sonepur, also visited by the team. The seed production has been taken in an area of 7 ha. The crop is at flowering stage. The activity is undertaken by the Department of Agriculture, Dist – Sonepur.

Suggestions:-

State evel

- The minikit demonstration programme should be registered and procured in Kharif to meet the demand of the farmers during Rabi as done in Kharif-2015.
- Availability of liquid Bio-Fertiliser may be encouraged for the farmers under the scheme by timely tendering process by the Department of Agriculture, Odisha.

- Seed treatment of oilseeds and pulses to be ensured.

NSC

- Timely supply of Kharif minikit by end of May needs to be ensured.

DAC

- Minikit number may be increased for the State.
- Increase in subsidy for drip irrigation

Scope for Soybean cultivation

The monitoring team also discussed about the possibility of horizontal expansion of soybean in the state with the efforts of State Department of Agricultural Officers. During the discussion, it was brought out that they have already tried the promotion of soybean in rainy season in the past and they achieved appreciable yield levels at farmer's fields. It appears that there is a vast scope to grow soybean in Orissa state. The crop can be grown successfully in the upland areas of the state in rainy season. Intensive efforts can be carried out to popularize soybean among the farming community by way of conducting field demonstrations on larger scale and also through awareness creation about location specific package of practices through organizing training programmes for the farming community. However, the non availability of soybean market for soybean farmers was found to be the major constraint.

Date: 1.10.2015

Meeting with Director of Agriculture, State Government could not be held as he was not available. Overall, implementation of NMOOP in the visited districts was satisfactory.

Few photographs of the visit are appended (**Appendix – I**)

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(NMOOP)
MINI MISSION - I ON OILSEEDS
KHARIF - 2015
Block - Dhenkanal, GP.
Village - Chaulia Kha
Crop - Groundnut
Variety - ICGV - 91114
No of Minikits - 200
Size of Kit - 20 Kgs
Area Covered
No. of Ben
Sowing 27th to 30th