

Proceedings of the 13th Scientific Advisory Committee Meeting of KVK, Boudh

The 13th scientific advisory committee meeting of KVK, Boudh was held at 10.30 AM on 07.12.2016 at KVK training hall under the chairmanship of Prof. P.N.Jagadev, Dean Extension Education, OUAT, Bhubaneswar. The District Magistrate Sri Madhusudan Mishra, IAS, of Boudh participated in the SAC meeting as Chief Guest. Members present in the meeting are annexed herewith. Dr. Sutanu Kumar Satapathy, Sr. Scientist & Head, Boudh made a brief welcome to the Hon'ble Members and requested the dignitaries to inaugurate the meeting by lightening the lamp and requested the Chairman to conduct the meeting.

After a brief introductory remark, the Chairman asked the Sr. Scientist & Head to start the proceedings as per the agenda.

Agenda-1 Approval of the proceedings of last SAC meeting.

The Sr. Scientist & Head briefly presented the proceedings of the last SAC meeting. The chairman taking the consent of the members approved the proceedings.

Agenda-2 Action taken on the proceedings of last SAC meeting.

The Sr. Scientist & Head presented the following action taken report on the recommendations of last SAC meeting having relevance to Kharif season.

- Steps have been taken through OFT, FLD & Training in this year for diversification of crop in Rainfed upland.
- Use of Biofertilizer has been popularized in farmer's field through OFT on INM in Chilli, Banana & Training.
- Farmers have been motivated to cultivate non paddy crops in rainfed upland through training, Group Meeting distribution of extension literature and demonstration & other extension activities.
- Recently released onion variety Bhima Super has been assessed and demonstrated in farmer's field in this year.
- An OFT has been conducted for popularization of INM technology in Banana.
- Line department personnel are involved in mandatory activities of KVK. Also a district level Research & Extension Interface meeting is being conducted in 3rd Tuesday of every month for planning activity in convergence mode.
- Two pigeon pea var. VL Arhar-1 and UPAS-120 have been assessed for rainfed upland in this year.
- Bengal gram var- Jaki-9218 has been demonstrated 10.0 ha area in last year.
- One day old chicks (Rain booster) have been vaccinated and supplied to farmers after 21 days of brooding.
- Technical supports are being provided to NGO as and when required.
- Vermicompost is produced in vermicompost unit of KVK and distributed to farmers.

- Method demonstration on use of seed drill for sowing of Greengram has been conducted in farmers field.
- GPS based soil sample have been collected from FLD plot for soil testing
- Four nos. of vocational training programme are to be conducted in Rabi 2016-17 each with duration of 4 days.
- All Rural youth & vocational training programme & some of farmers training programme are conducted in KVK campus.

Agenda- 3 **Achievements made during: 2015-16**

On-Farm Testing:

Eight technologies have been assessed in: 2015-16 in farmer's field based on problem of farmers. Salient achievements of the OFTs are given below.

- Cultivation of rice var. Jyotirmayee with ICM resulted 19.1% high yield than Khandagiri is also better than Heera.
- Cultivation of Onion var.- Bhima Super recorded 15.6 % higher yield than N-53 and also produced higher yield than Agrifound Dark Red.
- Cultivation of Agrifound light red of variety of Onion recorded 15.2 % higher yield than N-53
- Pre-emergence application of Pendimethalin @ 2.5 lit/ha at 2-3 DAT reduced weed infestation & increased yield by 16.3 % than Farmers Practice and also more effective than application of Targa super.
- Pigeon pea var ICPL- 30326 with ICM recorded 52.6 % higher yield than local variety & found to be superior than ICPL 30325
- Swarna Sampad hybrid of tomato recorded 36.07 % higher yield than the commercial hybrid Laxmi.
- Nursery raising in poly bags, transplanting of 15 days old seedling recorded less mortality of plant in main field & increased yield by 18.3 % and was also found to be superior than planting of 7-10 days seedling.

Front Line Demonstration:

K.V.K has conducted 8 Nos. of frontline demonstrations in: 2015-16. Salient achievement of some FLDs are given below.

1. Seedling root dip treatment (Carbendazim 20 gm + Streptocyclin 1 gm in 10 lit) and soil application of *T.viridae* and *P. fluroscience each* @ 5 kg/ ha with FYM at 21 days of transplanting brinjal resulted 25.2 % higher yield than local check.
2. Application of FYM = 20 ton /ha, soil application of Borax @ 10 kg /ha along with RDF NPK @200:100:100 kg /ha in watermelon resulted 16.1 % higher yield than the local check.

3. Cultivation of paddy Variety Sahabnagi dhan ,with NPK 60:30:30 kg/ha resulted 17.5 % higher yield than the var.Khandagiri.
4. Use of pheromone trap @ 20 trap/ha and alternate spraying of BT 1 kg/ha and Cypermethrin 25 EC 500 ml/ha in watermelon reduced *Spodoptera* infestation & increased yield by 19.8% than local check.
5. Stocking of yearling @ 5000 / ha in composite pisciculture recorded 31.3% higher fish production than conventional pisciculture.
6. Culture exotic carps with IMC in poly culture recorded 31.5 % higher production than monoculture of IMC.
7. Soil application of Azotobacter & PSB each @ 5 kg/ha,75 % of RDF & foliar application of multi micronutrient @2 ml/lt in tomato increased yield by 23.8 % than local check.
8. Application of 110:40:60:40 kg NPKS + Azospirillum & PSB each @ 5 kg/ha in onion resulted 24.3 % higher yield than local check.

FLD on oilseed and pulses

1. Cultivation of high yielding Groundnut variety *Devi* with integrated nutrient, weed and pest management practices resulted 27.2 % higher yield than the local check.
2. Demonstration on Improved Mustard Cultivation Var= M-27 with NPK @ 30:20:15kg/ha resulted 21.2 % higher yield than the local check.
3. Cultivation of high yielding of Pigeon pea var. ASHA with ICM practices recorded 23.3 % higher yield than local check.
4. Cultivation of Greengram var. TARM-1 with ICM practices resulted 30.75 % higher yield than local check.
5. Cultivation of Bengal gram var. JAKI-9218 with ICM practices resulted 25.2 % higher yield than local check.

Training

KVK conducted 24 nos. farmer & farmwomen, 9 nos. of rural youth and 3 nos. in-service, 2 no. of vocational training programme and covered 600 farmers & farmwomen, 135 rural youths, 45 extension personnel's and 25 nos. of unemployed youth respectively with recent advances on agricultural & allied technologies.

Other Extension Activities:

KVK has conducted 4 field days, 27 film shows, 4 newsletters & 7 nos of leaflets, 5 no. of exhibition, 3 no. of farmers fair, 2 no. of exposure visit. KVK produced 722700 Nos. of quality seedlings of vegetables and 0.7 qt of seeds, 146 no. of fruit sapling, 0.9 qt of planting materials.

Agenda 4 Action Plan for Rabi: 2016-17

The Senior Scientist presented the detailed action plan for Rabi 2016-17. This includes 8 OFTs, 9 FLDs including oilseed and pulse crops and 45 nos of trainings covering 950 farmers, farmwomen, rural youth and extension functionaries.

The members interacted among themselves and following action points were suggested.

- Popularization of variety released by OUAT & ICAR institute in odisha.
- Assessment of recently released (not more than 10 years) variety of crop.
- Conducting more no of scientist visit to farmers field and diagnostic visit.
- Extending KVK activities to all blocks.
- Linkage & convergence among all line dept.
- Demonstration on Technologies for banana & oil palm cultivation.
- Demonstration on hybrid vegetable cultivation
- Providing technical support to farmers club
- Facilitation for formation of farmers club
- Developing suitable cropping system for targeting rice fallow in Bouh district.
- Evaluation of cold resistant of greengram
- KVK-ATMA Convergence.
- Evaluation of drought resistant paddy variety
- Popularization of alternate crop in drought prone area.
- Crop diversification in rainfed upland.
- Popularization of use of bio fertilizer, vermicopost & neem cake.
- Creation of awareness among farmers for INM.
- Conducting vocational training for unemployed rural youth.
- Encouragement for participation of women in agriculture.
- Vaccination & supply of chicks to farmers
- Conservation of local germoplasom of green gram & black gram.
- Documentation of success stories of awardees farmer.

The Chairman in his presidential remarks stated that KVK and all the Line Department Officials should work together for betterment of the farming community. The meeting was ended at 5.30 pm with vote of thanks by Mr. A.B.Das, SMS (Agril.Extn).

Sr. Scientist & Head

Annexure: I

List of participants present in the Rabi 13th SAC meeting with their address and status in the meeting.

Sl. No	Name	Designation &Address	Status
1	Prof.P.N.Jagadev	Dean, Extension Education,OUAT,BBSR	Chairing
2	Sri Madhusudan Mishra	Collector cum District Magistrate	Special Invitee
3	Sri Manaranjan Mallick	DDA, Boudh	Member
4	Sri Suryamani Maharana	ADH,Boudh	Member
5	Sri Raghava Mallick	PD, Watershed	Member
6	Sri Biraja Prasad Divedi	DFO, Boudh	Member
7	Sri T.S.Rout	DDM,NABARD	Member
8	Sri Subhakanta Panda	DIO,NIC,Boudh	Invitee
9	Sri M.K.Srivastav	DD,NHRDF	Invitee
10	Sri Ajit Patra	STO,NHRDF	Invitee
11	Sri S.N.Mishra	PC, KVK, Sonapur	Invitee
12	Sri Nirmala Ku. Sahoo	Secy PSS Telibandha	Invitee
13	Sri Purna Ch.Khatua	Coordinator, YCDA	Invitee
14	Sri Srikanta Sahoo	Dist Correspondence Dharitri	Invitee
15	Sri Priyabrata Sahoo	Dist Correspondence, NAXATRA	Invitee
16	Sri Pradeep Ku. Bhanja	Lambakani, Bandhapathar	Invitee
17	Sri Umesh Bhoi	Menda,Bamanda	Invitee
18	Sri Kusa dhawja Pradhan	Progressive Farmer	Invitee
19	Sri Kalyani Satapathy	I/c, CDPO,Boudh	Invitee
20	Sri Hadibandhu Mahakuda	Secy. RMC,Boudh	Invitee
21	Sri Khetrabasi Naik	Progressive Farmer, Rampur	Member
22	Sri Ritanjali Naik	Progressive farm women, Rampur	Member
23	Sri Tilochan Nanda	Retailer Maa Mangala TGrader	Invitee
24	Smt. Gurubari Sahu	Progressive farm women	Member
25	Rajesh Chaudhury		
26	Purnachandra Gaigouria		
27	Sudhakar Satpathy		
28			
29	Mr. Jayadev Pradhan	Progressive Farmer	Member
30	Dr. Sutanu Kumar Satapathy	Sr.Scientist & Head, KVK,Boudh	Member Secretary

PHOTOGRAPHS OF 13TH SAC MEETING OF KVK, BOUDH 2016

