

Proceedings of the 12th Scientific Advisory Committee Meeting of KVK, Boudh

The 12th scientific advisory committee meeting of KVK, Boudh was held at 3.30 PM on 21.12.2015 at KVK training hall under the chairmanship of Dr. H.K. Sahoo, Deputy Director 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. Sri Sasanka Lenka, 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 Rabi season.

- Use of biofertilizer has been popularized through OFT and FLD on INM practices in Tomato, Brinjal, Okra, Paddy, Onion etc.
- A soil testing kit has been purchased by KVK for soil testing at KVK level. About 100 soil health cards have been distributed to farmers during celebration of world soil day at Town Hall, Boudh.
- High yielding variety of pigeon pea (Maruti), greengram (PDM-54) and Bengal gram (JAKI-9218) have been provided to farmers to assess the best one for Boudh district.
- Mustard cultivation has been demonstrated in 10 ha area during Rabi 2015-16.
- Newly released onion varieties Bhima Super has been supplied to farmer to assess its performance against Agrifound Dark Red.
- Mushroom production is popularized through training and demonstration across the district.
- Newly released potato variety Kufri Surya performance has been assessed & recommended for wider cultivation in Boudh district.

- 🌱 Marigold seedling suitable for round the year production which is now available at KVK.
- 🌱 Short duration pigeon pea varieties (ICPL-30325 & ICPL-30326) have been supplied to farmer for assessment in rainfed upland condition.
- 🌱 Cultivation of Kharif season groundnut has been demonstrated under FLD oilseed programme.

Agenda- 3Achievements made during Rabi: 2014-15

On-Farm Testing:

Five technologies have been assessed in Rabi: 2014-15 in farmer's field based on problem of farmers. Salient achievements of the OFTs are given below.

1. Application of FYM @10 t/ha, Soil application of Azospirillum & PSB each @ 5kg/ha + 75% RDF in Okra resulted 18.7% higher yield than the farmers practice.
2. Cultivation of Agrifound Light Red in rice based cropping system recorded 13.9% higher yield than the farmer's cultivated variety N-53.
3. Pre-emergence application of Pendimethalin @ 2.5 lit/ha at 2-3 DAT in onion resulted 14.73% increase in yield while post emergence application of Quizalofop ethyl @ 1000 ml/ha (15-20DAT) recorded 9.33% more yield than farmers practice.
4. Installation of yellow sticky trap @ 20 Nos./ha & application of Imidacloprid @ 125ml/ha twice at 10 days interval in greengram recorded 20.2% higher yield than local check.
5. Cultivation of *P. florida* species of oyster mushroom resulted 30.7% higher production against the species *P. sajarkaju*.

Front Line Demonstration:

K.V.K has conducted 6 Nos. of frontline demonstrations in Rabi: 2014-15. Salient achievement of some FLDs are given below.

1. Demonstration of tomato on soil application of Azotobacter & PSB each @ 5 kg/ha, 75 % of RDF & foliar application of multi micronutrient @2 ml/ltr. resulted 17.6% higher yield than farmers practice.
2. Demonstration of watermelon on application of FYM = 20 ton /ha, soil application of Borax @ 10 kg /ha along with RDF NPK @200:100:100 kg /ha resulted 16% higher yield than farmers practice.

3. Demonstration of watermelon on use of pheromone trap @ 20 no/ha and alternate spraying of BT 1 kg/ha and Cypermethrin 25 EC 500 ml/ha for management of *Spodoptera* resulted 15.4% higher yield than farmers practice.
4. Demonstration of cabbage on soil application of *T. viridae*@ 5 kg/ha along with FYM and spraying of Carbendazim 12 % + Mancozeb 63 % @ 1 kg / ha for management of *Alternaria* blight resulted 23.3% higher yield than the local check.
5. Demonstration of scientific rearing practices of poultry breed Banarajaresulted 42.8% higher gain body weight than local birds.
6. Demonstration of Preparation of value added products from tomato produced 260 gm of sauce with a net return of Rs. 34 per kg. of tomato.

FLD on oilseed and pulses

1. Cultivation of high yielding Groundnut variety Devi with integrated nutrient, weed and pest management practices resulted 18.24 % more yield over local check.
2. Cultivation of Greengram var.PDM-54 with INM & IPM practices resulted 22.91% more yield over local check.

Training

KVK conducted 22 nos. farmer & farmwomen, 3 nos. of rural youth and 3 nos. in-service training programme and covered 550 farmers & farmwomen, 45 rural youths and 45 extension personnel's respectively with recent advances on agricultural & allied technologies.





Other Extension Activities:

KVK has conducted 5 field days, 20 film shows, 4 newsletters & 4 nos of leaflets besides other extension activities. KVK produced 2, 10,500 nos. of quality seedlings of vegetables and 3.0 qtls. seeds of pigeon pea and distributed to farmers.

Agenda 4 Action Plan for Rabi: 2015-16

The Programme Coordinator presented the detailed action plan for Rabi 2015-16. This includes 6 OFTs, 8 FLDs including oilseed and pulse crops and 35 nos of trainings covering 705 farmers, farmwomen, rural youth and extension functionaries.

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

-  Diversification of crop in Rainfed upland
-  Popularization of use of bio fertilizer by farmer
-  Motivation of farmer for cultivation of non-paddy crops
-  Popularization of white sesamum in farmers field

- 🌱 Assessment of recently released variety of onion
- 🌱 Training to farmers on oil palm cultivation
- 🌱 Training on rejuvenation of old orchard
- 🌱 Popularization INM and IPM technology in Banana
- 🌱 Involvement of Line Dept. personnel in FLD and OFT programme
- 🌱 Evaluation of short duration pigeon pea variety for upland
- 🌱 Popularization of Bengalgram cultivation
- 🌱 Training on scientific rearing of goat and cows
- 🌱 Vaccination and supply of Banaraja chicks to farmers
- 🌱 Seasonally conducted animal health camp for animals
- 🌱 KVK extended its technical support to NGOs
- 🌱 Production and popularization the use of vermicompost
- 🌱 Popularization of zero seed drill in sowing greengram
- 🌱 Soil test based nutrients application to be popularized during FLD programme
- 🌱 Rural Youth Training duration should be increased to 4 days
- 🌱 More on campus training should be organized by KVK

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 6.30 pm with vote of thanks by Mr. A.B.Das, SMS (Extn.Edn).

Sr. Scientist & Head

Annexure: I

List of participants present in the Rabi 12th SAC meeting with their address and status in the meeting.

Sl. No	Name	Designation &Address	Status
1	Dr. H.K.Sahoo	Deputy Director Extension Education, OUAT, BBSR	Chairing the session
2	Sri Madhusudan Mishra	Collector cum District Magistrate	Chief Guest
3	Sri Sridhar Das	DDA, Boudh	Member
4	Sri SuryamaniMaharana	ADH,Boudh	Member
5	Sri LaxmidharSahoo	PD, Watershed	Member
6	Sri PurnachandraMeher	DFO, Boudh	Member
7	Dr. PriyabrataBehera	VAS, Representing CDVO, Boudh	Member
8	Sri Ramesh ch. Swain	DM, OAIC, Boudh	Member
9	Sri HadibandhuMahakud	Secretary, RMC, Boudh	Member
10	Sri S.N.Mishra	PC, KVK, Sonepur	Member
11	SmtWahida Begum	CDPO, ICDS, Boudh	Member
12	Sri Tophan Ku. Behera	IPO, Representing DIC, Boudh	Member
13	Sri PurnachandraGaegauria	AAO, Boudh	Invitee
14	Sri Subrata Jena	OA, YCDA, Baunsuni (NGO)	Invitee
15	SmtSrahalikaBhattacharya	PM, (Livelihood) YCDA, Bausuni (NGO)	Invitee
16	Sri Nirmala Ku. Sahoo	Secretary, PSS, Telibandha (NGO)	Invitee
17	Sri KhetrabasiNaik	Farmers	Member
18	Sri Jayadev Pradhan	Farmers	Member
19	Sri Kushadwaja Pradhan	Farmers	Invitee
20	Sri Chintamani Pradhan	Farmers	Invitee
21	SrikantaSahoo	Correspondent, Dharitri	Invitee
22	Sri Sasanka Lenka	Sr. Scientist & Head	Member Secretary
23	Sri BishnupadaGiri	Scientist,Horticulture	-
24	Sri Ashok Baran Das	Scientist, Agril. Extension	-

PHOTOGRAPHS OF 12TH SAC MEETING OF KVK, BOUDH 2015

