

Proceedings of 9th Scientific Advisory Committee Meeting, KVK, Sambalpur

The 9th Scientific Advisory Committee meeting of KVK, Sambalpur was held on 24.07.2014 in the conference hall of Krishi Vigyan Kendra, Sambalpur at 10.30 a.m. Dr. P. K. Banerjee, Joint Director, Directorate of Extension Education, OUAT, Bhubaneswar was chairing the session. The members present in the meeting are annexed herewith (Annexure - I). The SMS (horticulture) after giving heartiest welcome to the Hon'ble members, the chairman inaugurated the meeting by lightening the lamp with the dignitaries.

After a brief introductory remarks on the importance of the meeting and involvement of members the chairman advised the Programme Coordinator to start the proceedings as per the agenda.

Agenda - 1

The Programme Coordinator appraised the house about the circulation of the proceedings to the members vide letter no. 659 dated 03.10.2013. He also briefly presented the proceedings. The chairman approved the proceedings after taking consent of the members.

Agenda - 2

Action taken on proceedings of the last SAC meeting:

- a) Crop diversification in upland through oilseed, pulse and vegetable crops: FLD on cultivation of groundnut var. Devi and Mustard var. parvati were conducted. In groundnut yield recorded was 18.9 q/ha and in mustard it was 10.52 q/ha. FLD on scientific cultivation of arhar was conducted during Kharif 2013 where 12.7 q/ha yield was recorded. Also OFT on IDM for leaf curl virus in tomato, post emergence herbicide in onion and assessment of high yielding pointed gourd variety Swarna alokik were conducted.
- b) Application of 'B' and 'Zn' in Rice: One OFT on application of 'B' & 'Zn' was conducted where 15.6% increase in yield was achieved as compared to control plot. One training was also conducted about the use of micro nutrient in paddy.
- c) Maize and Cowpea Intercropping : OFT on intercropping of maize and cowpea has been planned during Rabi 2014-15.
- d) Pest management through Handi Khata & other Bio-control measures: Two nos. of training programme were conducted & OFT on Brinjal is continuing.
- e) BPH & sheath blight management in Rice: FLD on disease management in rice and OFT on BPH management have been planned during the current year.
- f) Micro-irrigation in Banana: Two drip kits have been demonstrated in farmers field.
- g) Kuchinda chilli demonstration in instructional farm: It will be conducted during Rabi 2014-15 in KVK instructional farm.
- h) Trials on pollen grain spray in pointed gourd: OFT has been proposed during Rabi 2014-15.
- i) IPM on Okra : OFT was conducted on "Assessment of IPM for control of fruit & shoot borer in Okra" where 128q/ha yield was recorded in recommended practice as compared to 116q/ha in farmers practice.

- j) Horticultural trials with variety released by OUAT: FLD on Turmeric cultivation, variety Roma has already started during Kharif 2014.

Agenda - 3

Achievement during 2013-14

The Programme Coordinator presented the overall activities of KVK during 2013-14. He informed the house that the KVK has conducted 58 numbers of training programme for practising farmers and farm women, 24 numbers for Rural Youth and 10 numbers for Extension Functionaries involving 1450, 300, 100 nos of participants respectively to upgrade the knowledge and skill on Agriculture and allied activities. Besides, KVK has conducted 19 numbers of Front Line Demonstrations like INM in maize where the percentage of increase in yield was 18.42. In demonstration on cultivation of groundnut var. Devi, the yield recorded was 18.9 q/ha where as in control plot (var. AK-12-24) it was 15.8 q/ha. Also in demonstration on IPM of stem borer in rice, the increase in yield recorded was 11.18%. Demonstration on application of vitamin and mineral mixture along with conventional feed has increased the fish yield by 14.38%.

Sixteen numbers of On Farm Trials on agriculture and allied enterprise like Assessment of Zn and B application in paddy resulted in 15.6 % increase in yield. Assessment of IPM for control of Fruit & Shoot borer in Okra has given 10.34% more yield as compared to farmers practice. Assessment of post emergence herbicide in Onion gives 13.36% more yield as compared to check plot.

Agenda - 4

Action Plan Kharif-14

The Programme Coordinator presented the detailed Action Plan for Kharif-2014. All total 45 numbers of trainings are to be conducted which includes 28 numbers of training programme for practising farmer and farm women, 10 numbers for Rural Youth, 5 numbers for Extension Functionaries and 2 numbers of Vocational trainings. Besides; 11 numbers of Front Line Demonstrations and 10 numbers of On Farm Trials in agriculture and allied subjects have been planned.

The DDH, Sambalpur suggested to include demonstration on Kharif potato, Canopy Management in Litchi, Pest and Disease management in Banana. He also stressed upon for including training programmes on protected cultivation of vegetables like tomato, brinjal and bitter gourd.

The AGM, NABARD expressed his views on application of new herbicide in agriculture as weeds play a measure role in reduction of yield in different crops. He also suggested for controlling BPH with certain new molecule as it is found resistant against many of the insecticides.

Director, CCBF, Sambalpur suggested providing KMA on veterinary science by contacting him for the message as SMS (Animal Sc.) post is vacant. He also advised to take up large scale demonstration by taking fund from ATMA, Sambalpur.

DFO, Sambalpur suggested to conduct fisheries training programme in their scheme operated area and in Fish Seed Hatchery, Chiplima.

The DSWO, Sambalpur suggested that, some of the training programme of Women In Agriculture discipline to be organized by involving SHG members and the CDPO will help in the identification of trainees. She also told to conduct mushroom demonstration with SHG personnel so that it will have a greater impact and the SHG will do the business with greater interest by linking them with NABARD or any other bank.

The DAO, Sambalpur suggested for popularizing Arhar cultivation in Rairakhol block and advised to conduct some of the training and demonstration programme in that area.

The chairman expressed his satisfaction on the involvement of the members and for their valuable suggestions. He summarized all the suggestions and the salient recommendations have been given below.

Salient recommendations

- a) Application of new herbicides in paddy.
- b) Application of new molecules for management of BPH.
- c) Trials on management of disease in banana
- d) Value addition in different fruits & vegetables
- e) Application of Bio-fertilizer in Vegetable
- f) Popularization of women friendly farm implements.
- g) Popularization of Kharif potato.
- h) Protected cultivation in vegetables
- i) Canopy management in litchi
- j) Trials on genetically improved fish variety.

The meeting was ended at 2.30 pm with vote of thanks followed by visit of the members to various demonstration units of KVK.

Programme Coordinator
KVK, Sambalpur
& Member Secretary

Annexure - I

Sl. No.	Name	Designation	Remark
1.	Dr. P. K. Banerjee	Joint Director Extension Education, OUAT	Chairman
2.	Prof. D. K. Dash	Asso. Dean, College of Horticulture & CA, Chiplima, OUAT	Invitee
3.	Mr. P. C. Sethi	Representing DDA, Sambalpur	Member
4.	Mr. S. Nanda	DDH, Sambalpur	Member
5.	Dr. N. Panigrahi	ADR, RRTTS, Sambalpur	Member
6.	Mr. Rabinarayan Panda	Executive Engineer, Watershed, Burla	Member
7.	Mr. B. S. Naik	OIC, AICRP, Chiplima	Invitee
8.	Mrs Kakali Pal	DDP, Doordarshan Kendra, Sambalpur	Member
9.	Mr. Surendra Ku. Patra	Dist. Fisheries Officer, Sambalpur	Member
10.	Dr. B. R. Pattanaik	PC, KVK, Jharsuguda	Invitee
11.	Dr. P. K. Ray	Director, CCBF, Govt. of India	Member
12.	Mr. S. N. Mishra	PC, KVK, Sonapur	Invitee
13.	Dr. M. A. Alim	Jr. Agronomist, AICRP	Invitee
14.	Mrs. Jhunu Swain	DSWO, Sambalpur	Member
15.	Mr. M. R. Mishra	LDM, Sambalpur	Member
16.	Mr. R. C. Sahu	AGM, NABARD	Invitee
17.	Mr. Manbodh Barik	Farmer	Member
18.	Mr. Sushanta Padhan	Farmer	Member
19.	Mrs. Kalpana Barik	Farm Women	Member
20.	Mrs. Suru Balinker	Farm Women	Member
21.	Mr. B. K. Hota	Doordarshan Kendra, Sambalpur	Invitee
22.	Mr. D. Praharaj	DAO, Sambalpur	Invitee
23.	Dr. M. K. Tripathy	PC, KVK, Bargarh	Invitee
24.	Mr. P. K. Prusti	Programme Coordinator, KVK, Sambalpur	Member Secretary

Programme Coordinator
KVK, Sambalpur
& Member Secretary