

## **Proceedings of 5<sup>th</sup> Scientific advisory Committee Meeting of KVK Boudh**

The 5<sup>th</sup> Scientific advisory Committee Meeting of KVK, Boudh was held at 10.30 am on 21.07.2010 in the conference hall of KVK, under the chairmanship of Prof. S.S. Nanda, the Dean, Extension Education, OUAT, Bhubaneswar. Sri B.C. Dhir, Programme Co-ordinator, after a brief welcome to the Hon,ble Members, requested the chiefguest Dr P.K. Pradhan Hon,ble Collector & District Magistrate 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 Programme Co-ordinator to start the proceedings as per the agenda.

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

The Programme Co-ordinator briefly presented the proceedings of the last SAC meeting and stated that it has been circulated to all the members vide this office letter No233 dt.12.07.2010.

The chairman taking the consent of members approved the proceedings.

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

The Programme Co-ordinator presented the actions taken on the recommendations of last SAC meeting.

1. Action has been taken for change of adopted villages after 3 years. Two new adopted villages Isirisinga and Badagochhapada have been selected during 2010 through PRA survey.
2. Action has been taken for soil test based fertilizer application in FLD and OFTs. One soil testing kit was purchased during 2009-10 for soil testing of FLD and OFT sites.
3. Seeds of recently released paddy variety *Ranidhan* (30 kg) has been distributed to 5 farmers under OFT programme during Kharif 2010.
4. Farming system models has been developed by farmers in adopted village Polam through K.V.K. intervention with different enterprises like fishery, dairy, paddy and vegetables. Steps have been taken to develop farming system model in other adopted villages as per resource availability of farmer.
5. Demonstration on scented paddy variety *Ketakijoha* was conducted in the farmers field through FLD programme during 2009. However the farmers are not interested to cultivate this variety in future due to milling problem.
6. Front Line Demonstration on potato has been included in Action Plan of 2010-11 with use of variety *Kufri Surya* for replacing the old low yielding variety *Lalpatna*.
7. FLD and Training on backyard poultry rearing with *Banaraja* breed has included in the Action Plan for 2010-11.

### **Agenda- 3. Achievements made by the KVK**

#### **Training**

KVK has imparted training to 1329 farmers & farmwomen through 53 training programmes, 171 rural youths on Mushroom cultivation, use of biopesticide, planting material production, Vermicomposting and Nursery raising techniques through 9 Training Programme. All total 114 extension personnels are up graded to recent advances on agricultural & allied technology through 8 Nos. of Training Programme.

The chairman appreciated & advised to increase no. of trainees to 2000 nos in the training programme of farmers & farm women and rural youth.

#### **Front Line Demonstration:**

K.V.K has conducted 15 Nos. of frontline demonstrations in farmer's field. Salient achievement of some FLDs are given below

1. Application of Biofertiliser in paddy (Azospirillum & PSB each @ 5 kg/ha) recorded 27.6 % higher yield than local check.
2. Cultivation of CRRI released scented rice var.Ketakijoha recorded 28.5 % increase in yield over local scented rice var. Chadheikhia.
3. Application of Butachlor @2 lt./ha effectively controlled weeds in transplanted rice & increased yield to 34.4 % over manual weeding.
4. Nursery treatment with Carbofuran @ 30 kg /ha & spraying of Chloropyrifos @ 1 lt./ha recorded less than 5 % of silver shoot & 23.8 % increase in yield over local check.
5. Application of ZnSO<sub>4</sub> @ 25 kg/ha resulted 35.5 % increase in yield than local check.
6. Cultivation of hybrid sunflower KBSH-1 recorded 25.5 % increase in yield than open pollinated var. Modern.
7. Foliar application of Boron @ 0.5 kg/ha in sunflower increase yield by 31 % over local check.
8. Root cutting treatment with Trichoderma & Pseudomonas @ 5 gm/lt & spraying of Ridomil @ 2 gm/lt & Plantomycin @ 1 gm/lt. recorded 9.5 % wilting of plant as against 44.1 % in local check & there was 32 % increase in yield over local check.
9. Use of Pheromone trap @ 50 nos/ha to control fruit & shoot borer in brinjal recorded 11.6% fruit damage & 10.5 % increase in yield over local check.
10. Sowing of seed of watermelon in polybag & transplanting at 15 days reduce plant mortality & increase yield by 18 % than direct sowing.

#### **FLD on oilseed and pulses**

1.Frontline Demonstration on sesamum with INM and IPM practices has been conducted in an area of 5.0 ha during kharif-2009. Average yield of 6.2qt/ha was recorded in demonstration as compared to 4.8 qt/ha in local practices.

2.Frontline line demonstration on Green gram with INM and IPM practices has been conducted in an area of 5.0 ha during Rabi-2009-10 .Average yield of 7.8qt/ha was recorded in demonstration plot as compared 5.5 qt/ha in local practices.

The chairman expressed satisfaction over the results and suggested to conduct FLDs on specific problem of farmers.

### **On-Farm Testing:**

Seven no.of technologies have been assessed in farmer's field based on problem of farmer.Salient achievements of the OFTs are given below.

1. Application of tricyclazole @1.0 gm /lt effectively controlled blast in paddy and recorded 27.3% increase in yield over farmers practice.
2. Cultivation of paddy by SRI method increases yield by 54.5% over traditional method of cultivation.
3. Use of groundnut thresher for threshing of groundnut recorded threshing of 27.4 kg pod/hr as against 3.4 kg/hr in manual threshing.
4. Basal application of neem cake @250 kg/hr & alternate spray of Triazophos @ 2 ml/lt & multineem @ 5 ml /lt recorded 8.4 % fruit damage by fruit & shoot borer in brinjal as against 30.6 % fruit damage in farmer's practice.
5. Application of Cartap hydrochloride-4 G @ 20 kg /ha & release of egg parasite *T. japonicum* recorded 4.2 % white ear head as against 17.2 % white ear head in farmer's practice.
6. Cultivation of YMV resistant var. Arka Anamika of okra recorded 33 % increase in yield over farmer's var. Pusa Sawani.
7. Cultivation of HYV of onion Agrifound Light Red recorded larger bulb size & increase yield by 19 % over farmer's var. Nasik Red.

The chairman suggested to conduct more nos of OFT. Each scientist has to conduct at least 2 OFT & 2 FLD per season which is also mandatory.

### **Other extension activities:**

KVK has conducted 6 Field days, 1 Kisan Melas, 30 Film shows. Scientists of different discipline published 10 nos. of leaflet and 10 popular articles in different daily news papers. Also KVK has celebrated Akshya Trutiya, Women in agril. Day, Parthenium awareness week, Technological week , world forest day and 2 SHGs conventions. KVK has produced 1, 64,700 nos of quality fruit, vegetable and forest seedlings , 698.85 kg seeds of paddy, sesamum , dhanicha & vegetable and distributed among farmers. Similarly 176 office bearers of different Pani Panchayat are trained on management in canal command areas sponsored by WALMI, Cuttack. Apart from that another sponsored training on "Scaling of Water productivity in Agriculture for livelihood" sponsored by AICRP on water management, Chiplima, O.U.A.T., BBSR was conducted with 50 farmers.

### **Agenda 4. Action Plan of K.V.K.**

The Programme Co-ordinator presented the detailed action plan for Boudh and Harabhanga block for the year 2010-11. This includes 21 OFTs, 27 FLDs and 102 trainings to farmers, farmwomen, rural youth and extension functionaries. The chairman requested the members for interactions and suggestions are recorded.

## **Agenda 5.**

The programme coordinator put forth the genuine constraints of KVK and draw the kind attention of the honorable chairman and members.

1. Lack of suitable land for instructional farm to take up seed production activities
2. No irrigation facility to the farm land
3. No fencing around farm area
4. Shortage of staffs

The chairman in his presidential remark suggested that

1. Coverage of Kantamal block through KVK activities by selection of adopted village in the block.
2. Number of trainees in the training programme of farmers & farmwomen ,rural youth should be 2000 in a year.
3. Each scientist should conduct at least 2 FLD & 2 OFT per season.
4. FLD & OFT should be conducted on soil test basis. The status of micronutrient along with major nutrient should be documented.
5. In rainfed areas farming system model should be developed with enterprises like mushroom cultivation,goatery,fishery,vermicompost along with agri-horticultural crops.
6. Two Kisan mela should be conducted each year with at least 200 farmers.
7. Promotion of floriculture,fooder cultivation ,backyard poultry in the district through KVK.
8. Implementation of Kisan Mobile Sandesh by KVK
9. Production of 5.0 qt of mushroom in KVK demonstration unit.
10. Registration of 100 farmers through distance education programme of OUAT and subscription of farmer for Chasira Sansar.
11. Reclamation of KVK land and construction of rain water harvesting structure under NREGS & construction of boundary wall through BRGF.
12. Plantation of forest & fruit plant in KVK instructional farm.
13. Circulation of KVK news letter to farmers & line dept. officials.
14. Training & demonstration to farmers on low cost storage structure.and micro irrigation
15. FLD on green manuring in paddy should be included in future KVK programme.

The meeting was ended at 3.30 pm with vote of thanks by Mr. S.K. Panigrahi (SMS, Agril. Extension) followed by visit of the members to different demonstration unit of the KVK.

## Annexure: I

List of participants with address

Sl. No	Name	Address	Status
1	Prof. S.S. Nanda	Dean, Extension Education, OUAT	Chairman
2	Dr. P.K. Pradhan	Collector & DM,Boudh	Chief guest
3	Dr. B.Biswal	CDVO, Boudh	Member
4	Mr. M. K. Dash	Horticulturist, Boudh	Member
5	Mr. P.K. Mishra	AAO, Boudh	Member
6	Mrs. Brahmotri Mishra	CDPO, Boudh	Member
7	S. K. Dalal	Deputy Manager ,Lead Bank, Boudh	Member
8	Mr. N.K. Pradhan	Secretary RMC, Boudh	Member
9	Mr. S.C. Jena	GM, DIC, Boudh	Member
10	Mr. J. Pradhan	DSWO, Boudh	Member
11	Pradosh Mishra	Journalist, Samaja	Invitee
12	Mr. S.K. Patra	ADF, Boudh	Member
13	Sambhu Giri	President ,Gramya Vikas Parisada,Amthapada	Member
14	Krutibas Palia	Secretary, Gramya Vikas Parisada,Amthapada	Invitee
15	Sarat Pradhan	Secretary,Yuba Mancha,Purunakataka	Member
16	Asish ku. Kasua	Farmer,Manamunda	Invitee
17	Satyjit Danayak	Farmer,Amthapada	Invitee
18	Mr. J. Sahoo	Framer, Kanakpur	Member
19	Mrs. S. Bhoi	Farm women, Kanakpur	Member
20	S. K. Panigrahi	S.M.S.(Agrl. Extn.)	Invitee
21	M.C. Behera	S.M.S.(Forestry)	Invitee
22	B. Giri	S.M.S.(Hort.)	Invitee
23	Mrs. M. Sarangi	S.M.S.(Home Sc..)	Invitee
24	Mrs.J.P. Dash	S.M.S.(Agril. Engg...)	Invitee
25	Mr. B.C. Dhir	P.C.,KVK,Boudh	Member Secretary

## PHOTOGRAPHS OF FIFTH SAC MEETING OF K.V.K., BOUDH-2010



Welcome of SAC members by Programme Co-ordinator



Remarks by chiefguest, Collector & DM Boudh



Presidential remarks by the Dean Extn.EducationOUAT



Visit of demonstration unit by SAC members

## ଧରିତ୍ରୀ । ୫

ସମ୍ବଲପୁର, ତା ୨୫।୦୭।୨୦୧୦ ରବିବାର

### କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ରର କାର୍ଯ୍ୟ ଖସଡା ଅନୁମୋଦନ ଉପରେ ବୈଠକ

ବୌଦ୍ଧ, ୨୪।୭(ସ୍ଵ.ପ୍ର.)- ସ୍ଥାନୀୟ ପାଳିକାର କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ର ଠାରେ ୨୦୧୦-୧୧ ବର୍ଷ ପାଇଁ କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ରର କାର୍ଯ୍ୟ ଖସଡା ଅନୁମୋଦନ ଉପରେ ଏକ ବୈଠକ ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି । ଓଡିଶା କୃଷି ଓ ବୈଷୟିକ ବିଶ୍ଵ ବିଦ୍ୟାଳୟ କୃଷି ସମ୍ପ୍ରଦାରଣ ନିର୍ଦ୍ଦେଶାଳୟର ଅଧ୍ୟକ୍ଷ ପ୍ରଫେସର ଶଙ୍କର ଶତ୍ଟରଠାରେ ଅନୁଷ୍ଠିତ ବୈଠକରେ ଜିଲ୍ଲାପାଳ ଡ.ପ୍ରଶାନ୍ତ କୁମାର ପ୍ରଧାନ ଯୋଗ ଦେଇଥିଲେ । କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ର ଦ୍ଵାରା ୨୦୦୯-୧୦ ବର୍ଷରେ କରାଯାଇଥିବା କାର୍ଯ୍ୟର ବିବରଣୀ ଓ ୨୦୧୦-୧୧ ବର୍ଷର କାର୍ଯ୍ୟ ଖସଡା ଉପସ୍ଥାପନା କରିଥିଲେ । ମୁଖ୍ୟ ଅତିଥି ଜିଲ୍ଲାପାଳ ପ୍ରଧାନ ବୌଦ୍ଧ ଜିଲ୍ଲାର କଳାମୁଗ, ବାସନା ଚାଉଳ ଓ ଦେଶୀକାକଡ଼ ଅନ୍ୟ ଜିଲ୍ଲାରେ ଲୋକପ୍ରିୟତା ପାଇଥିବାରୁ ଏହି ଚାଷ ଉପରେ ଗୁରୁତ୍ଵ ଦେଇଥିଲେ । ଜିଲ୍ଲାରେ ସମନ୍ୱିତ ଚାଷ ପ୍ରଣାଳୀ ଯଥା କୃଷି ସହ ଉଦ୍ୟାନ କୃଷି, ଗୋପାଳନ, କୁକୁଡ଼ା ପାଳନ, ମସୂରାସ, ଛତୁରାସ ଇତ୍ୟାଦି ଅନ୍ୟାନ୍ୟ ଚାଷ ଉପରେ ଗୁରୁତ୍ଵ ଦେଇଥିଲେ । ଜିଲ୍ଲାର କୃଷି ଅଧିକାରୀ, ଜିଲ୍ଲା ଉଦ୍ୟାନବିତ, ଜିଲ୍ଲାମୁଖ୍ୟ ପଶୁଚିକିତ୍ସାଧିକାରୀ, ସିଡିପିଓ, ଜିଲ୍ଲା ସମାଜ ମଙ୍ଗଳ ଅଧିକାରୀ, ସହକାରୀ ପ୍ରବନ୍ଧକ ଲିଡ ବ୍ୟାଙ୍କ, ବଜାର ନିୟନ୍ତ୍ରଣ କମିଟି, ବିଭିନ୍ନ ସ୍ଵେଚ୍ଛାସେବୀ ଅନୁଷ୍ଠାନର କର୍ମକର୍ତ୍ତା ପ୍ରମୁଖ ଯୋଗ ଦେଇଥିଲେ । ଶେଷରେ ସୁବ୍ରତ କୁମାର ପାଣିଗ୍ରାହୀ ଧନ୍ୟବାଦ ଦେଇଥିଲେ ।