

## **Proceedings of the Scientific Advisory Committee meeting of KVK, Boudh**

The 9<sup>th</sup> Scientific advisory committee meeting of KVK, Boudh was held at 11.00 AM on 20.08.2014 in the conference hall of KVK. Sri P.K.Banarjee, Joint Director Extension Education, OUAT, Bhubaneswar chaired the session. Members present in the meeting are annexed herewith. Dr.N.Das, Programme Coordinator offered hearty welcome to the members and requested dignitaries to inaugurate the meeting by lightening the lamp and requested the Chairman to conduct the meeting.

After a brief introduction, Chairman requested the Programme Coordinator to start the proceedings as per the agenda.

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

The Programme Coordinator presented the proceedings of last SAC meeting which was circulated to all the members. Since no comments received from the members. The chairman approved the proceedings taking the consent of the house.

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

The Programme Coordinator presented the action taken report on the recommendations of last SAC meeting.

- The desired parameter study has been conducted in weed management trials.
- Growth parameters have been studied in forestry programme.
- Emphasis on multiple stocking and multiple harvesting in fishery has been given through OFT/FLD/training programmes.
- Programme for selection of suitable variety of Onion through OFT have been taken up in the Action Plan.

### **Agenda-3 Achievements made during kharif 2013**

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

Fourteen technologies have been assessed in kharif' 13 based on the problems of farmers. Salient achievements of the OFTs are given below.

1. Cultivation of cauliflower (var. Pusa Katki) in late kharif season with recommended cultural practices recorded 16.7% more yield over local check (Early Kuanri variety).
2. Raising vegetable seedling in low cost poly tunnel (using bamboo & transparent polyethelene sheet) during rainy season resulted in 52.5% more seedling with low mortality.

3. Hybrid Paddy var. Rajalaxmi with seed rate of 15 kg/ha & NPK @ 120:60:60 kg/ha yielded 49% more over the ruling variety Naveen.
4. Paddy var. Sahabhagi dhan with NPK @ 60:30:30 kg/ha recorded 19.6% more yield over local check khandagiri.
5. Stocking of fresh water prawn @ 2000 PL /ha along with IMC recorded 11.36% more yield along with additional income from prawn.
6. Proportionate stocking of fishes (Catla 20%, Silver carp 20%, Rohu 20%, Grass carp 10%, Mrigal 15%, Common carp 15%) recorded 33% more yield.
7. Spraying of Profenophos 50EC@ 1000 ml/ha reduced the leaf infestation of teak plant by *Eutectona machariaalis* by 66.6%.
8. Use of Nylon net 40' x 30' x 10' protected the silkworm larvae from predators with 28.5% more yield of cocoons per leaf.
9. Application of fertilizers NPK @ 75:25:25 kg/ha resulted in 41% more inflorescences/hill.
10. Application of fertilizers NPK @ 80:30:30 kg/ha in 2 split doses (pre monsoon & post monsoon) recorded 66.6% more shoots/clumps in bamboo.
11. Post emergence application of Imazethapyr 10 SL@ 1000 ml/ha 15-20 days after sowing yielded 29% more in ground nut with reduced weed infestation.
12. Seedling root dip (Carbendazim 20 gm + Streptocyclin1 gm in 10 lit water) + soil application of *T.viridae* and *P. fluroscence* each @ 5 kg/ ha with FYM at 21 days of transplanting resulted 26.7% more yield with reduced wilt incidence.
13. Use of fertilizer broadcaster in paddy reduced the drudgery of farm women by 21%.
14. Use of sand in regulating temperature and humidity inside low cost polyhouse made up of bamboo and UV resistant polyethylene yielded 1kg/bed of paddy straw mushroom.

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

K.V.K conducted 13 frontline demonstrations during Kharif 2013. Salient achievement of some FLDs are given below.

1. Application of weedicide Fenoxaprop- p-ethyl 10 EC @ 60 gm a.i. /ha + Almix 20 WP@ 4 gm a.i. / ha at 20-25 DAT resulted in 24.8% more yield with less weed infestation in transplanted paddy.

2. Soil application of Gypsum @ 250 kg/ha along with RDF (NPK @ 20:40:40 kg/ha) resulted in 15.7% more yield in ground nut.
3. Onion (var. N-53) with seed rate 10kg/ha, fertilizer NPK @120:60:100 recorded 6% more yield then the local variety.
4. Soil application of Azotobacter @ 5 kg/ha & PSB @ 5kg/ha along with 75% RDF resulted 14.3% more yield in brinjal.
5. Seed treatment with Vitavax power @ 2 gm / kg soil application of *T. viridae* @ 5 kg/ ha incubated with FYM resulted in 34.2% more yield in pigeon pea.
6. Seed treatment with Vitavax power @ 2 gm/kg & foliar application of Carbendazim 12 % + Mancozeb 63 % @ 2 gm / lit resulted in 23% more yield in ground nut.
7. Cultivation of colocasia (var. Mukta keshi) at a spacing of 45 cm X 30 cm in the interspaces of teak resulted in 96.5 q/ha yield.
8. Plantation of Eucalyptus clone (JK hybrid) at 2 mt x 2 mt spacing resulted in 31.2% more growth in 1<sup>st</sup> year.
9. Planting of elephant foot yam at a spacing 75 cm x 75 cm in the inter space of teak recorded 98.5 qt/ha yield.
10. Stocking of yearling @ 5000/ha had given 25% yield advantage.
11. Use of GNOC+ Rice bran (1:1) @ 2kg/ha for first three months and then @4kg/ha in consecutive months recorded 26.3% more yield.
12. Integration of horticultural crop like banana, drumstick and papaya along with composite fish culture with proper care.
13. Sterilization of paddy straw with 10g lime in 1 L. water while soaking, bed preparation and care yielded 1.5 kg paddy straw mushroom/bed.

### **FLD on oilseeds and pulses**

1. Cultivation of high yielding sesamum (var. *Amrita*) with integrated nutrient, weed and pest management practices resulted 41.6% more yield over local check.
2. Cultivation of high yielding variety Pigeonpea (var.*Maruti*) with integrated nutrient & pest management practices resulted 46.7% more yield over local check.

## **Training**

KVK had imparted training to 750 farmers & farmwomen through 30 training programmes, 90 rural youths trained through 6 training programmes. Forty five extension personnel upgraded their knowledge with recent advances on agricultural & allied technology through 3 no. of training programmes. Fifteen rural youths have been trained on mushroom spawn production & vermicomposting through one vocational training programme.

## **Other extension activities:**

KVK had conducted 8 Field days, 14 Film shows, published one newsletter, 2 nos. of popular articles. KVK celebrated Akshaya Trutiya & Women in agriculture day, produced 2,23,281 quality seedlings of fruits & vegetables, 1,600 forest seedlings like teak, sissu, gambhar, hill broom grass, as well as, 10.20 qt seeds of arhar (FS) Var. ASHA. Mushroom spawn (100 btl) produced & distributed to farmers.

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

The Programme Coordinator presented the action plan for kharif- 2014. This includes 9 OFTs, 11 FLDs including oilseed and pulse crops and 42 trainings to farmers, farmwomen, rural youth and extension functionaries.

After discussionin the house, following Action nPoints were suggested:

- Observation on chaffiness, panicle length and 1000 grain wt should be recorded in demonstration on hybrid paddy.
- OFT should formulated to standardize the fertilizer dose of hill broom grass cultivation.
- Programmes on pest management in Bamboo should be included in the Action Plan.
- OFT on pest management in rabi onion should be taken up.
- Demonstration on fertigation through micro-irrigation need to be taken up for popularization of the technology.
- The structure of low cost poly house for mushroom cultivation need to be more stronger one.

The meeting ended at 3.30 pm with vote of thanks by Mr. A.B.Dash, SMS (Agril. Extension) followed by visit of the members to various demonstration unit of the KVK.

**Programme Coordinator**

## Annexure: I

### List of participants with address

Sl. No	Name	Designation &Address	Status
1	Dr. P.K.Banarjee	Joint Director Extension Education, OUAT, BBSR	Chairing the session
2	S.N.Mishra	DDA, Boudh	Member
3	Suryamani Maharana	ADHO ,Boudh	Member
4	Deepti Ku.Mohapatra	Dist. Fishery Officer , Boudh	Member
5	S.L.Das	AGM, NABARD,Kandhamal	Member
6	Subhakanta Panda	Dist. NIC, Officer, Boudh	Invitee
7	N. Mahananda	Dist.Agril. Officer, Boudh	Invitee
8	J.P.Mahapatra	LDM, Boudh	Member
9	Abhagya Ch. Behera	ADSWO, Boudh ,Representative District Social Welfare Officer	Member
10	H. Mahakud	Secretary ,RMC ,Boudh	Member
11	Dr. Jitendra K. Sahoo	Nodal Officer, Boudh, Representative CDVO	Member
12	Mrs. Kalyani Satapathy	Representative , CDPO, Boudh	Member
13	Monoj Pradhan	Farmer	Member
14	Padmanav Pradhan	Farmer	Invitee
15	Pratima Mahapatra	Farm women	Invitee
16	Umesh Bhoi	Farmer	Invitee
17	Bhukulu Mendili	Representative, DD,News	Invitee
18	Srikanta Sahoo	Correspondent, Dharitri	Invitee
19	Susanta Sahoo	Reporter, SAMBAD	Invitee
20	Dr.Niranjan Das	P.C., KVK, Boudh	Member Secretary

## PHOTOGRAPHS OF 9<sup>TH</sup> SAC MEETING OF KVK, BOUDH 2013



## PHOTOGRAPHS IN ODIA NEWS PAPER

# କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ରର ବୈଜ୍ଞାନିକ ଉପଦେଷ୍ଟା ମଣ୍ଡଳୀ ବୈୠକ

Date : 20th August 2014, Venue : VVK Training Hall

କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ର ମଣ୍ଡଳୀ

ବୈଜ୍ଞାନିକ ଉପଦେଷ୍ଟା ମଣ୍ଡଳୀ ବୈୠକରେ ମଞ୍ଚବୀନ ଅତିଥି ।

ବିଜ୍ଞାନାପତ୍ର, ୨୧୦ (ବି.୬୯.୬) - ବୌଦ୍ଧ କୃତ ବର୍ଣ୍ଣିଆପତ୍ର ପଞ୍ଚାୟତ ପାଲିଟ୍ରାରରେ ଥିବା କୃଷିବିଜ୍ଞାନ କେନ୍ଦ୍ର ପରିସରରେ ୯୮ ବୈଜ୍ଞାନିକ ଉପଦେଷ୍ଟା ମଣ୍ଡଳୀ ବୈୠକ ଅନୁଷ୍ଠାନିକ ହୋଇଯାଇଛି । କୃଷିବିଜ୍ଞାନ କେନ୍ଦ୍ରର କାର୍ଯ୍ୟକ୍ରମ ସଂଯୋଜକ ଉ. ନିରଜନ ଦାସଙ୍କ ଉତ୍ସାଦଧାନରେ ଅନୁଷ୍ଠାନିକ ଏହି ବୈୠକକୁ ସମ୍ମେଲନ ଶିକ୍ଷା ନିର୍ଦ୍ଦେଶକ ସ୍ଥାନରେ ନିର୍ଦ୍ଦେଶକ ଉ. ପ୍ରଦାପ କୁମାର ବାନାଳୀ ଉଦ୍ୟାନକୁ କରି କାର୍ଯ୍ୟକ୍ରମରେ ସମ୍ମେଲନ କରିଥିଲେ । କେନ୍ଦ୍ରର କାର୍ଯ୍ୟକ୍ରମ ସଂଯୋଜକ କୃଷିବିଜ୍ଞାନ କେନ୍ଦ୍ରର ବିଗତ ବାର୍ଷିକ ଖରିପ କାର୍ଯ୍ୟକ୍ରମ ସମେତ ଆଗାମୀ ହାର୍ଷିକ ଖରିପ

କାର୍ଯ୍ୟକ୍ରମ ଉପରେ ଆଲୋକନା କରିଥିଲେ । କୃଷି ବିଜ୍ଞାନ ଉପନିର୍ଦ୍ଦେଶକ ସାଧନାରୀଯତା ମିଶ୍ର କୃଷି ସହିତ ଆନୁସଂଖ୍ୟକ କୃଷି ବିଶେଷଜ୍ଞ ଆମ୍ବା ମାଧ୍ୟମରେ କୃଷିକାର୍ଯ୍ୟକୁ ସହଜ ଏବଂ ତୁରାହୁତ କରିବାକୁ ମତ ଦେଇଥିଲେ । ବିଜ୍ଞାନର ବିଭିନ୍ନ କୃଷିବିଜ୍ଞାନ ମଧ୍ୟ, ଉତ୍ସାଦଧାନ, କୃଷି, ପଶୁପାନନ ଉପରେ ଗୁରୁତ୍ୱାବ୍ଦୀ କରିଥିଲେ । କନ୍ଦମାଳ ଓ ବୌଦ୍ଧ ଜିଲ୍ଲାର ନାବାର୍ତ୍ତ ବ୍ୟାଙ୍କ ଅଧୁକାରୀ ଶ୍ରୀଦୟତ୍ତ ଲାଞ୍ଚନ ଦାସ ଗ୍ରାମାଶ୍ରମି ଭିକାଶ ଓ କୃଷି କାର୍ଯ୍ୟ ଉପରେ ଆଲୋକପାତ୍ର କରିଥିଲେ । ଏହି ଅବସରରେ ଉପର୍ଯ୍ୟତ ଆଗ୍ରାହୀ କାଷ୍ଟୀ ଓ ଉପଦେଷ୍ଟା ମଣ୍ଡଳୀର ସର୍ବଧ୍ୟ କାଷ୍ଟୀ ହେଉଥିବା ସମସ୍ଥାନ

ଅନୁଭବି ସମ୍ପର୍କରେ ମତାନ୍ତ ଦେଇଥିଲେ । ଆଗାମୀ ବର୍ଷ ପାଇଁ ପାସଲ ଖେଳା କାର୍ଯ୍ୟକ୍ରମ ପ୍ରସ୍ତୁତି କରାଯାଇଥିଲା । ଏଥରେ ମୁଧ୍ୟମଣ୍ଡଳୀ ମହାରଜା ସହକାରୀ ଉଦ୍ୟାନ କୃଷି ନିର୍ଦ୍ଦେଶକ, ଦାସ୍ତି କୁମାର ମହାପାତ୍ର ଜିଲ୍ଲା ମଧ୍ୟ ଅଧୁକାରୀ, ନାରାୟଣ ଅଧୁକାରୀ ମଧ୍ୟ, ଉତ୍ସାଦଧାନ, କୃଷି, ପଶୁପାନନ ଉପରେ ଗୁରୁତ୍ୱାବ୍ଦୀ କରିଥିଲେ । କନ୍ଦମାଳ ଓ ବୌଦ୍ଧ ଜିଲ୍ଲାର ନାବାର୍ତ୍ତ କୃଷି ଅଧୁକାରୀ, ବିଷ୍ଵପଦ ଗିରି ଉଦ୍ୟାନ କୃଷି ବିଶେଷଜ୍ଞ, ଉମେଶ ଧୁରୁଆ ମଧ୍ୟ ବିଶେଷଜ୍ଞ, ସଦାକତ ଅଲ୍ଲା ଏବଂ ବିଜୟ କୁମାର ବେହେରା ପ୍ରମତ୍ତ ଉପର୍ଯ୍ୟତ ଥିଲେ । ବୌଦ୍ଧ କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ର ସମ୍ମେଲନ ଶିକ୍ଷା ନିର୍ଦ୍ଦେଶକ ଅଶୋକ ଚରଣ ଦାସ ଧନ୍ୟବାଦ ଦେଇଥିଲେ ।