

**COMPONENT WISE  
OPERATIONAL GUIDELINE**

**FOR  
ISOPOM**

**( INTEGRATED SCHEME OF OILSEEDS,PULSES & MAIZE)**

**2008-09**

**AGRICULTURE DEPARTMENT  
ORISSA,BHUBANESWAR**

**Component wise operational Guideline for ISOPOM 2008- 09**  
**(Integrated Scheme of Oilseeds, Pulses and Maize)**

**1) Purchase of Breeder Seed:**

ICAR is the nodal Agency for supply of Breeder seeds of Oilseeds, Pulses and Maize crop. The Director of Agriculture & Food Production, Orissa is the indenting authority who will place their crop wise and variety wise indent to Seed division in the DOA & C with intimation to TMOP & M and to the respective Directorates.

The indent can be placed directly to the State Agriculture University and ICAR Institutions located in the State for production and supply of Breeder seed of variety/hybrid included in ICAR Programme and its supply by producing agency will be strictly in accordance with the allocation made by the Department of Agriculture and Co-operation, Govt. of India .Orissa State Seeds Corporation is the nodal agency to lift the Breeder seeds. The Breeder seeds will be lifted from the production centers of ICAR/ SAUs against 100% payment of the cost as per the rate fixed by the Govt. of India. The entire cost of the Breeder seeds will be reimbursed by the concerned scheme and payment to OSSC Ltd. will be made from the PL Accounts of DA&FP, Orissa on production of the bill by the lifting agencies along with the Photostat copy of the original bill & money receipt against the payment made.

**2) Production of Foundation seeds**

Assistance @ 1000/- per Qtl. will be provided to the OSSC Ltd. and the Departmental farm to organize production of foundation seeds on production of bills for actual quantity produced with due certificate from OSSCA.

**3) Production of Certified Seeds (Seed Village Programme)**

The district wise seed village programme has already been communicated to the field functionaries for execution of the programme with a view to ensuring timely availability of certified seed and reducing the handling costs. Production of certified seeds is to be taken up under assured irrigated conditions for better yield & quality. The seed village programme should be organized by taking into account the following aspects.

- Selection of villages should be made on long term /permanent basis where more than one crop (Oil seeds, pulses & maize) could be grown in different seasons in order to make seed production a continuous activity.
- Field selected should have irrigation facilities. However under rain fed condition provision for protective/supplementary irrigation is to be ensured.
- Selection of villages and farmers are to be made jointly by OSSC and field officers of Agriculture Department.
- Farmers involved should be progressive, willing to make requisite investments & eligible for crop loans etc.
- Farmers involved in seed village programme are to be provided with all requisite technical guidance by the field functionaries of the Department and OSSC Ltd.,
- The OSSC will ensure timely supply of foundation seed to the participating farmers.
- The procurement price will be announced by the OSSC at the time of supply of foundation seeds to the farmers.
- The assistance to the extent of Rs.1000/- per quintal of production of certified seeds to be provided under seed village programme & out of which i.e Rs.750/- per quintal be provided to the participating farmers to meet the cost of certification,loss due to rouging and under sized seed. The balance amount of Rs. 250/- per quintal be placed at the disposal of procurement agencies to improve infrastructure and other facilities like cleaning, grading, packing etc.
- Priority may be given for production of new varieties.
- The agencies (OSSC) involved in production and procurement should prepare the bills for actual quantity of production with due certificates of OSSCA to the DA & FP (O) for release of assistance under the scheme.

#### **4) Distribution of Certified Seeds**

The assistance to the extent of 50% of the cost of seed or Rs.1200/- per quintal whichever is less will be available on distribution of certified seeds. This assistance will be available for all oilseeds, pulses and maize crops. However,

no assistance will be provided for varieties already de-notified/phased out. DA & FP (O) will monitor the varieties for administering subsidy.

**PROFORMA FOR SEED SUBSIDY BILLS.**

Name of the scheme: ISOPOM (Oilseed/Pulses/Maize). Year :-----

District:-----

Season: Kharif/Rabi.

Class of seed- Cert./TL.

Sub Scheme: General/SCP/TASP

Name of the crop	Variety	Class of seed	Source of procurement	Qty. Sold in Qtl.	Cost /qtl.	Rate of subsidy /Qtl.	Amount of subsidy clamimed in Rs.	No.of farmers SF/MF/BF/ Women

Certified that Qtls..... of .....Certified seeds of ..... crop have been sold during the year ..... Covering .....nos. of farmers under ISOPOM(Oilseed/Pulses/Maize ) and sum of Rs..... only have been utilized @ Rs. / qtl.towards subsidy which has not been claimed previously.

Dy.Director of Agril.(Range)

**5) Distribution of Minikits**

Minikits of certified seeds / hybrids of oilseeds, pulses and maize crops of newly released varieties will be supplied after procuring from NSC/SFCI/NAFED/KRIBHCO/IFFCO as per GOI norms. The Minikits will contain seed treating chemicals, R. culture (for Legumes) and printed literature on package of practices. These minikits will be distributed preferably to SF/MF/ SC/ST/ Woman farmers at a free of cost . The size of each kit will be as follows.

Sl.No	Crops	Size of kit (kg)
1	Groundnut	20
2	Soybean	8
3	Linseed	3
4	Niger	1
5	Mustard	2
6	Sesamum	1
7	Safflower/Sunflower/Castor	2
8	Arhar	4
9	Mung	4
10	Biri	4
11	Lentil	4
12	Gram	8
13	Field pea	4

The DAO/ADAO should conduct the demonstration of minikit as per the following:

- Soon after receipt of communication from the Directorate, steps may be taken to select GPs/Villages where the minikit trials are to be conducted.
- The distribution of minikits in the GPs should be uniform to the extent possible.
- At the time of selection of farmers priority should be given to the beneficiaries of watershed and it should be tagged with on farm water management programme as an incentive.
- Preference should be given to SF/MF/SC/ST/ Woman category of farmers.
- The minikit trials should be conducted in compact patches, if the plots are not continuous it should at least be contiguous. The number of minikits should not be less than 10 in a compact patch except when total allocation of minikits for the district is less than 10.

- The DAO will be responsible for timely lifting and supply of the minikits to the farmers..
- A control plot with the prevailing variety will also be taken up in the demonstration patch for performance comparison.
- Before conducting the trial, a group discussion should be made with the selected farmers to make them aware of the objective, package of practices to be followed and characteristics of the varieties supplied in the minikits.
- While selecting the beneficiary for supply of minikits following points/ conditions should be considered:
  - i) Availability of at least protective irrigation.
  - ii) Benefit of minikit of a particular crop should not have been availed during the previous year by the beneficiary.
  - iii) A farmer will be given one minikit of a particular crop only.
  - iv) Beneficiary has to adopt /apply the recommended doses of other Inputs as per package of practices in laying out the demonstration.
  - v) The farmer is required to get his soil tested at his own cost and apply soil test based recommended fertilizers.
- The distribution of minikits to the beneficiaries should be in proportion to the General, SC, ST population of the district as a whole.
- The observation of the minikits should be recorded in a register, to be maintained by the concerned AO/VAW, which should be produced before the visitors. The information like names, address of beneficiaries, date of sowing, date of flowering, inputs applied, date of harvest, yield etc. should be recorded in the register. The concerned AAO/JAO should ensure 100% supervision and record the observations in the register.
- 50% of the minikits plots should be visited by the DAO/ADAO/SMS who should record their observations in the register available with the concerned AO/VAW.
- The DDA or the officer nominated by him should visit 10% of the minikits and record their observation in the register available with the concerned AO/VAW.

- The Director of Agriculture/JDAs/DDAs/Nodal officers from head quarters should visit at least 1% of the minikits.
- The evaluation reports on performance of minikits should be submitted by the DDAs to the Directorate of Agriculture within a month from the date of harvest in proforma-I & II.
- The DDA should ensure nominating a nodal officer preferably Agronomist/PDO/AAO (Pulse) to monitor and report.
- DDA/DAO/ADAO are responsible for multiplication of well-performed varieties which is the motto of the minikit demonstration with proper documentation.

### PROFORMA-I

District:

Crop:

Var:

Year:

Season:

Sl. No.	Name of the farmer with address and category SF/MF/SC/ST	Fertiliser used (Kg/ha.)			Date of sowing	Date of harvest	Yield kg/ha.	Remarks
		N	P	K				
1	2	3	4	5	6	7	8	9

**PROFORMA-II**

Year/ season	Name of the crop	Variety/ Hybrid	District/ DAO	Minikit (No.)		Rainfed/ Irrigated
				Received	Distributed	
1	2	3	4	5	6	7

No. of minikits for which yield is recorded	Yield of minikit in Kg/hac.			Variety/ hybrid	Yield of control plot in Kg/ha.			Remark
	Min.	Max.	Avg.		Min.	Max.	Avg.	
8	9	10	11	12	13	14	15	16

**6) Demonstration:****a) Block Demonstration:**

- Block demonstration is to be laid out in the farmers' field to demonstrate the performance of the particular crop/variety/ inter cropping through judicious use of inputs and adoption of latest production technology on oilseeds, pulses and maize. Preference should be given for SF/ MF/ ST/ SC /Women farmers at the time of selection of beneficiaries.
- Demonstration will be laid in a compact patch of 5 hectare representing a group of farmers from the same village or adjoining village.
- Each beneficiary should not be given benefit for more than one hectare.
- The cost of demonstration per hectare is limited to i) Rs. 1500/- for sesamum & Niger ii) Rs.2000/- in case of Arhar, Mung, Biri, Horse gram, inter cropping of mung with maize and mustard iii)Rs.2500/- for Sunflower iv) Rs.4000/- for mixed cropping (Arhar + G.nut) Maize, inter cropping (Maize+Arhar) & sequence cropping(Maize-Horse gram).

- Crop wise cost structure of Block demonstration along with its scheme share and farmers share for 2008-09 is to be prepared by the concerned DAOs involving the local scientist of KVK/RRTTS.
- Seeds required for block demonstration may be utilized from the stock available under bulk sale / demonstration.
- The concerned DAOs will purchase the materials as per the scheme share locally at the Govt. approved rate for which allotment of fund will be provided to him.
- In case of P.P chemicals / Bio pesticides / Bio fertiliser / Pheromone trap/ Micro nutrients/ Herbicides required as per scheme share will be procured by the concerned DAOs as per the rate approved by the State level Purchase Committee from the approved suppliers.
- Before supply of the inputs to the beneficiaries meeting should be organized in groups and discussions be made on details of inputs to be supplied in each field demonstration and their timely application. There after inputs of the demonstration should be supplied to the beneficiaries in presence of local JAO/AO and public representatives and signature of all concerned are kept as a token of proof. The JAO/AO/SMS should remain present during application of inputs & at the time of sowing and at different critical stages of crop.
- The farmers who have availed Block demonstration during the previous years should not be selected. Preference should be given to the farmers growing the crops for the first time.
- In demonstration villages in addition to demonstration plots some adjacent plots not covered by demonstration may also be brought under study as control plots for comparing the performance of demonstration plots vis -a -vis control plots.

- A display board will be put on the road indicating the details of the block demonstration, name of the crop, variety, area of block demonstration, name of village, no of farmers involved, inputs used per hectare, date of sowing etc.,
- A register for block demonstration will be kept with the District Agriculture Officer. The DDA should ensure nominating a nodal officer preferably Agronomist/PDO/AAO (Pulse) to monitor and report .and will be responsible for submission of result sheet in the following proforma to the DA & FP(O)

### PROFORMA FOR RESULT SHEET

#### i) Demonstration :

Name of the beneficiary	SF/MF/S C/ST	Address	Name of the crop	variety	Area	Date of sowing	Date of harvest
1	2	3	4	5	6	7	8

Inputs applied		Yield (kg/hact.)	% of increase over control	Remark
Dept.source	Own source			
9	10	11	12	13

#### ii) Control:

Name of the beneficiary	SF/MF/ SC/ST	Address	Name of the crop	variety	Area	Date of sowing
1	2	3	4	5	6	7

Date of harvest	Input applied	Yield (kg/hact.)
8	9	10

Expenditure if any over and above the stipulated rate (scheme share) will be borne by the participating farmers. The cost of conducting block demonstration may vary with the cost of seeds. In that case the excess cost will be borne by the farmers. However, the participating farmers may be apprised the fact before conducting the demonstration.

**7) Demonstration on Integrated Pest Management (Farmers field school):**

- The DAOs. in consultation with AAO/JAO will decide the Block/GP/Village and no. of FFS in each block depending on compact patch available as per the guideline.
- In each FFS on IPM 30 farmers, 5 AAOs/ JAOs/ AOs/VAWs will be trained for 14 days during the entire cropping season. **For Groundnut crop, FFS will be taken up between December to February for Arhar, FFS will be taken up during July to October for Maize, FFS will be taken up during July to October and for mustard November to January.** While selection of farmers preference may be given to SF/MF/SC/ST /Women farmers.
- A compact area of 10 hact. will be taken for IPM-demonstration. This area will be selected from the farmers selected for FFS. Each beneficiary should not be given benefits for more than one hact. If the continuous patch of 10 hact.is not available it should at least be contiguous.
- Before supply of inputs to the beneficiaries, meeting should be organized in groups and discussion be made on the details of inputs to be supplied in each demonstration and their timely application.
- The DAO in consultation with the concerned DDAs/ADAOs/ will select 3 trainers /resource persons from the Range / KVK/RTS for imparting training and one nodal officer ( Preferably PPO) who will be responsible for total operation of the FFS.

- The demonstration –cum-FFS register will be maintained by the concerned JAO/AAO which should be verified by the DAO/DDA at regular intervals.
- The register should contain the following information
  - i) Name of the participating farmer and 5 JAO/AAO selected for participation with detail address.
  - ii) Area under IPM demonstration.
  - iii) Dates of training
  - iv) Resource persons responsible for training.
  - v) Name of the crop /variety taken in the patch
  - vi) Date of sowing
  - vii) Date/rate of application of various inputs
  - viii) IPM measures taken with date.
- Assistance @ Rs.22680/- is to be provided under this scheme for conducting each IPM demonstration cum farmers' field school .The detail break up of the Rs.22680/- is as follows.

Sl.No.	Items	Amount in Rupees
(a)	IPM Kit (excluding net) @ Rs.150/farmer for 30 farmers and 5 JAOs/AAO/AO/VAWs ( 35 x 150)	5250.00
(b)	Working tea/refreshment for 38 participants( 5 JAO/AAO/AO/VAW,30 farmers & 3 trainers ) @ Rs.15/- per participant per day for 14 days (38 x15 x 14)	7980.00
(c)	Contingent expenditure includes audio-visual, POL, etc.	2500.00
(d)	Distribution of IPM literature to participants @ Rs.30/-per head (35 x30)	1050.00
(e)	Cost of pheromones & seed treatment. on crossing ETL in pest/diseases and any other relevant material, equipment	2000.00

(f)	5 sweep-nets for one demonstration ( 1 sweep-net for group of 6 farmers @ Rs 80/- per sweeping net )	400.00
	Organizing IPM Field day	
(g)	Working tea/refreshment for 38 participants & 62 fellow farmers @ Rs 15/per head	1500.00
(h)	Contingencies, sitting arrangement and POL etc.	2000.00
	Total expenditure on one FFS –IPM demo-cum-training	<b>22680.00</b>

- The IPM kit should contain
  1. One aspirator (mask)
  2. One lens (10 x) steel frame.
  3. Thick paper envelopes (10 nos.)
  4. One sweep net
  5. Vials (1” dia with lid)-25 nos.
  6. Needles-2 Nos.
  7. Cello tape (1.5 metre x 9 metre) .
  8. Chart paper (75 cm x 55 cm )
  9. Sketch pen ( blue and red )
  10. Rubber band 20 Nos. ( 2.5 cm dia )
  11. One fore cep (steel)
  12. Scalpel ( Steel)
  13. Cloth bag ( Jean )
- The IPM kits, Sweep nets, Pheromone traps, Lures and PP Chemicals are to be procured by the concerned DAOs from the approved suppliers as per the rate approved in the State Purchase Committee for execution of the programme. The funds for the purpose will be placed with the DAO who will draw & payments to the suppliers after following all codal procedures.
- The DAOs should place indents for IPM literatures sufficiently ahead as per their requirements with the JDA (Information) BBSR who will supply the material on payment of printing charges.

- Pheromone trap: 50 traps are required for the entire demonstration of 10 hact. @ 5 traps/hact. and 100 lures (lures are to be changed at intervals of 15 days). Seed treatment for demonstration is to be done with IMIDACHLOPRID @ 7 gms/kg of seed + Carbendazim @ 2gm/ kg of seed or spraying is to be done with IMIDACHLOPRID – 50gm + Carbendazim –100 grams per hectare. Expenditure over and above the stipulated rate of Rs.2000.00 will be borne by the participating farmers.
- One field day is to be organized in each FFS-cum-IPM demonstration site involving 62 fellow farmers of the locality in addition to 38 participants for wide publicity. Provision should be kept for documentation
- An amount of Rs.22680/-per FFS will be allotted to the concerned DAOs for execution of the programme.
- The unutilized amount under any component of IPM-FFS ( if any ) can be utilized in other component like Contingent expenditure includes audio-visuals, POL, signboard etc or contingencies sitting arrangement and POL etc.

#### **8) Distribution of Gypsum / Pyrites.**

Gypsum application is known to increase both production and oil content in oilseed crops. Transportation is the main constraint in making available of gypsum to the farmers. Therefore, an assistance @ 50% cost of the material plus the transportation cost limited to **Rs 750/ha** which ever is less is admissible under the Scheme. The DAO will place the supply order with the concerned supplier as per the programme communicated communicated by D.A & F.P (O) for application in the field. However OAIC/Supplying agencies as per decision taken in the purchase committee will supply Gypsum at different destination points of the DAO circle. The subsidy amount due will be placed with the DAOs for payment to the supplier after observing all codal procedures. DA&FP (O) will communicate the rate at which the Gypsum will be procured. Preference will be given to SF/ MF/ SC/ ST/ Woman farmers in distribution.

### **9) Distribution of Rhizobium culture /PSB**

Rhizobium culture is one of the cheapest input in increasing production of leguminous crops. Treatment of seeds with culture helps in fixation of atmospheric nitrogen through its symbiotic activities. Seed treatment is also beneficial in groundnut crop. PSB has a capacity to release phosphorus fixed in soil. Culture strain specific to particular crop should be used for treatment of seeds on the same day of sowing. In Groundnut crop Rhizobium culture @ 2.5 kg. per hectare + PSB @ 1.00 kg. per hectare , for pulse crop Rhizobium culture @ 1 kg. + PSB @ 2 kg.per hect. ,and for maize crop PSB @ 3 kg. per hect. are recommended for use at the time of seed treatment .An assistance @ 50 % cost of the material limiting to Rs.100.00/ha which ever is less is admissible under the scheme. The DAO will place the supply order with the concerned supplier as per the programme communicated for application in the field. How ever OAIC/Supplying agencies as per decision taken in the purchase committee will supply R.culture and PSB at DAOs point .The subsidy amount due will be placed with the DAOs for payment to the supplier after observing all codal procedures.

### **10) Sprinkler set .**

- i) The make and model of sprinkler set should be the choice of farmers.
- ii) 50% of cost or Rs. 7500/ha.- which ever is less is the subsidy limit on SLTC approved cost and make for all categories of the farmers.
- iii) Sprinkler sets of farmers choice is to be supplied by the OAIC/approved manufacturer /authorized dealers at the farmer's destination on the rate approved by the SLTC and as per the decision made by the Purchase Committee.
- iv) The existing procedure for installation and disbursement of sprinkler system is to be followed.
- v) The subsidy amount as per the physical programme will be placed with the concerned DAO for payment to the supplier.

- vi) DAOs will draw the subsidy amount after deposit of necessary farmers share for making payment to the supplying agency after observing all codal procedures..
- vii) Component of the sprinkler system for 1 hect.and 2 hect Area and power source of 1.5 / 3.0 – 5.0 hp should be as follows.

Sl. No	Item	Water source at center ( Nos.)		Water source at corner ( Nos.)	
		1 hect	2 hect	1 hect	2 hect
1	HDPE Sprinkler Pipe ( 6 mtr) ( IS:14151 Part I & II)	19	29	32	40.
2	Bend with Coupler 90 degree	2	2	2	2
3	Tee with coupler	1	1	1	1
4	Pump connecting nipple	1	1	1	1
5	Sprinkler Nozzles(IS:12232) (Plastic)	5.	8	5	8
6	Sprinkler coupler	5	8	5	8
7	Riser pipe 20 mm dia X 75 cm long	5	8	5	8
8	End plug (HDPE)	2.	2	2	2
9	By pass arrangement	1 set	1 set	1 set	1set

In case any beneficiary likes to purchase pressure gauge, riser pipe of 1 mt. height and brass nozzle instead of plastic nozzle and additional pipes , he may procure the same at the rate approved by the SLTC.

## **11) Pipes for carrying water from water sources to the field (New component)**

- i) The make of HDPE pipe should be choice of the farmers.
- ii) 50% of the cost or Rs.15, 000/- whichever is less is the subsidy limit on SLTC approved cost and make to all categories of farmers.
- iii) All types of pipes i.e PVC /HDPE etc.and all size as per the requirement of farmer to the maximum extent of 300 metres length is to be supplied by OAIC or manufacturer or supplier on the basis of purchase committee decision at farmers destination on the rate approved by the State Level Technical Committee (SLTC) and purchase committee.
- iv) The subsidy amount as per the physical programme will be placed with the concerned DAO for payment to the supplier.
- v) DAOs will draw the subsidy amount after deposit of necessary farmers share for making payment to the supplying agency after observing all codal procedures..

## **12) Distribution of PP equipment.**

- i) The plant protection equipment is only to be supplied either by OAIC or manufacturer or supplier at the rate & quality approved by the SLTC.
- ii) 50% of the cost limited to Rs.800/- and Rs.2000/- will be admissible as subsidy for manually operated sprayers and power sprayers respectively.
- iii) The make and model of PP equipment is the choice of the farmers.
- iv) The existing procedure for disbursement of PP equipment is to be followed.
- v) The OAIC/Manufacturers/Supplier will supply the PP equipments after receiving the indents from the DAOs.
- vi) The subsidy amount as per the physical programme will be placed with the concerned DAO for payment to the supplier.

- vii) DAOs will draw the subsidy amount after deposit of necessary farmers share for making payment to the supplying agency after observing all codal procedures..

### **13) Weedicides.**

The assistance for weedicides to the extent of 50% of the cost of chemical limited to Rs.500/- per hectare will be provided to the farmers for chemical control of weeds. DAO will place the supply order with the concerned supplier/manufacturer at the rate approved by the State level purchase committee as per the physical programme communicated. The subsidy amount as per the physical programme will be placed with the concerned DAO for payment to the supplier. The DAO will draw the subsidy amount after deposit of necessary farmers share for making payment to the supplying agency after observing all codal procedures

### **14.Plant Protection Chemicals .**

The assistance for plant protection chemicals to the extent of 50% of the cost of chemical limited to Rs.500/- per hectare will be provided to the farmers for chemical control on out break of pest and diseases above ETL level. DAO will place supply order with the concerned supplier/manufacturer at the rate approved by the State level purchase committee as per the physical programme communicated. The subsidy amount as per the physical programme will be placed with the concerned DAO for payment to the supplier. The DAO will draw the subsidy amount after deposit of necessary farmers share for making payment to the supplying agency after observing all codal procedures

### **15) Nuclear Polyhedrosis Virus(NPV)**

To arrest pod borer (*Helicoverpa*) menace particularly in gram and Arhar crop, Ha NPV @ 300 LE per hect. and 200 LE per hect. respectively

sprayed at 10-15 days interval during early stage of life cycle ( I & II instar ) have exhibited to increase production by 37% and 24.3% respectively. DAO will place supply order with the concerned supplier/manufacturer at the rate approved by the State level purchase committee as per the physical programme communicated. The subsidy amount as per the physical programme will be placed with the concerned DAO for payment to the supplier. The DAO will draw the subsidy amount after deposit of necessary farmers share for making payment to the supplying agency after observing all codal procedures

### **16) Farmers Training.**

Farmers training will be conducted where Block demonstration/Farmers field School-cum IPM demonstration/Seed Village/Compact area has been taken up. Field visit to the BD/FFS-IPM demonstration is a must. It is suggested to conduct farmers training for increasing productivity of oilseeds, pulses and maize crop. In training programme 50 farmers including women farmers will be trained for 2 days and a cost involved would be Rs.15000/- per training camp. The farmers training camp will be held preferably during the cropping season. The training allowances meant for the farmers will be paid in cash. The training venue will be at SAU, RITES, KVKs, and Deptl. Farms Training Hall of DDA/DAOs office or at any suitable place in the block. The trainer from SAU /KVKs/ Specialists / Deptl. Officers will impart the training .The training materials & modules will be prepared by the DAOs in consultation with the scientists of SAU/KVKs/RRTTs/Specialists . The DAOs are to print the training materials at their level or may request JDA (Inf.) for the purpose. .The DAOs are to procure the specific seed kit from OSSC Ltd./P.L stock of DDA within the limit/bio Pesticides/ bio fertilizers .The cost structure of organizing one training camp for farmers is given below . An amount of Rs., 15000/- per training will be provided to DAOs.

1	Working lunch @ Rs.50/- for 50 farmers for 2 days	Rs.5000/-
2	Allowances @ Rs.50/- per day per farmer for 2	Rs.5000/-

	days for 50 farmers	
3	Training materials for trainees @ Rs.20/- per trainee for 50 trainees	Rs.1000/-
4	Distribution of Bio fertilisers/Bio pesticides basing on the rates of SLPC to the trainees @ Rs.60/- per trainee for 50 trainees	Rs.3000/-
4	Misc. contingencies	Rs.1000/-
	<b>Total</b>	<b>Rs.15000/-</b>

### 17) Publicity.

To establish linkage between farmers and Agriculture experts ,to facilitate quick spread of latest technology to the farmers an interaction session /Seminar/ Workshop will be conducted during the month of February inviting farmer from all over the state. **The entire amount meant for Publicity will be placed with JDA (information ) for execution of the programme .**

### 18) Staff and Contingencies.

The amount allotted under this component will be utilized for implementation of the scheme like mobility of the field functionaries Purchase of computer consumables ,stationeries etc.or for any other purposes with prior approval of Govt. in Agriculture Department ,Orissa.

### 19. Farm Implements.

Farm implements will be sold to the farmers @ 50% of the cost of implement limited to Rs. 2500/- per manual / bullock drawn and Rs. 15000/- per Tractor / power operated implements. Different implements along with Nos. under different schemes along with the procedure for administering the supply & subsidy will be communicated by Joint Director of Agriculture (Engg.) of D.A & F.P (O) separately. The subsidy amount will be placed with the Executive engineers for drawl of the claim and payment to the supplying agency after deposit of the necessary farmers share.

## **20. Micronutrient.**

It has been programmed for popularization of micronutrient to supplement the Boron/ Molybdenum / Zinc and other trace nutrient requirement of the soil with a subsidy @ 50% cost limited to Rs.500/- per hectare. DAO will place the supply order with the concerned supplier/manufacturer at the rate approved by the State level purchase committee as per the physical programme communicated. The subsidy amount as per the physical programme will be placed with the concerned DAO for payment to the supplier. The DAO will draw the subsidy amount after deposit of necessary farmers share for making payment to the supplying agency after observing all codal procedures.

## **21.Vermicompost.**

It has been programmed to set up of vermicompost (big) units with a subsidy provision of 50 % of the cost limiting to Rs.10,000/- per unit under ISOPOM (Oilseed) and small units under ISOPOM (Pulses) with a subsidy provision of 50 % of the cost limiting to Rs. 2,000/- per unit .

- i) The committee formed under the Chairmanship of DDAs should make the selection of beneficiary/group of farmers for big unit.
- ii) The selection of beneficiary for small units should be made by the DAOs.
- iii) The capacity of small and big unit should be 3 tonnes and 15 tonnes per annum respectively. Necessary technical help will be rendered by the concerned AAEs.
- iv) The beneficiary/group of farmers is allowed to avail 50% assistance ie. Rs. 2,000/- per small unit & Rs. 10,000/- per big unit in shape of B.D by the DAOs.
- v) Before release of subsidy Asst. Agril. Engineer should certify that the construction has been done as per the approved design and capacity.
- vi) The structure should be of semi permanent in nature and should work for 10 years.

- vii) The beneficiary at his / her own cost shall do the subsequent maintenance.
- viii) The design & estimate communicated for the year 2007-08 will continue for 2008-09.
- ix) The detailed list of beneficiaries village wise must be submitted to the DA & FP(O) prior to the execution of the programme.

### **23.Farmers' Exposure Visit to Outside State**

1. The Principal, RITEs will act as nodal officer & co-ordinate this programme on behalf of D.A & F.P (O) for their respective districts. Separate communication in this regard is being made by the Directorate.
2. The total funds will be placed with the concerned Principal, RITEs for implementation of the programme.
3. The Principal, RITEs will prepare the plan for the visit, on receipt of the DAO wise target. The concerned DAO will select the farmers on the basis of cultivated land & engaged in farming himself.
4. The farmers so selected for exposure visit should be a progressive farmer and willing to make the visit as per plan drawn up by the the Principal, RITEs. Farmers from Watershed areas /Seed producers under seed village programme should be given preference and be included for these visit.
5. Each of the farmer selected should be in the age group of 18 to 50 years
6. Each farmer has to pay Rs.50/- only as application fee, for the application to be submitted in the enclosed format- Annexure-1(b).The amount so collected will be deposited into the treasury as miscellaneous receipt in favour of D.A & F.P(O). Head Demand No. -0401-Crop Husbandry-00-800-other receipts -0097- Misc Receipts -02082- Misc from other receipts.
7. Selected farmer will have to deposit Rs.200/- (Rupees two hundred only) towards caution money at the time of submission of the application form. If the selected farmer fails to accompany the farmers group for the exposure visit, the caution money will be forfeited to Government and will be deposited in treasury as above.

8. The caution money should be deposited with the DAO. The caution money should be returned to the farmer on completion of the journey, on proper receipt.
9. The JAO/AAO/ADAO/DAO should see that the application form (format enclosed) must be duly filled up in separate sheet.
10. The application, complete in all respects, must reach the Principal RITE for necessary processing, 3 weeks prior to the visit. The final team list will be informed by the RITE before undertaking exposure visit.
11. The farmers are required to be well informed about their visit programme, and provision of funds under the programme.
12. The DAO will be held responsible if the target is not achieved.
13. There shall be two guide Officers with each group of 28 farmers. The DDA will select one of the guide Officer the second guide officer shall be nominated by the the Principal, RITEs. The D.A & F.P(O) will send proposal to Agriculture Department for sanction of journey of two guide officers for exposure visit to outside state. While sending above proposal, details of itinerary to be intimated to Agriculture Department.
14. Each farmer as well as guide officer will be given Rs.100 per day as daily allowance.
15. An amount of Rs.300/- will be admissible for to and fro bus fare of each farmer & guide officer or subject to actual, from his place of residence to the dispersal center and back. If the farmer/guide officer does not produce bus tickets, the actual should be calculated at the current bus fare rates/km and be certified by the JAO/AAO concerned and countersigned by the DAO/ADAO. Rest of the money should be used for the exposure visit. Any left over should be promptly surrendered.
16. The farmers on arrival at the dispersal center should be given and orientation explaining the purpose of visit, places of visit and the discipline to be followed during the entire journey. They should also be told to observe the different cropping systems followed in the visiting state and give us a feed back as to adaptability of technology followed in such areas on his return to the dispersal center.

17. The dispersal center for exposure visits shall be the RITEs. However, all teams must return back to the M.I & W.U, Bhubaneswar on completion of the journey from where they will be dispersed to their home villages. On arrival at M.I & W.U, the Agronomist, M.I & W.U, along with his staff shall obtain a feed back from the participating farmers on their experience in the visiting State and any new technologies that has attracted them, which can be adopted in the State.

18. The guide Officers should jointly or separately submit an appraisal report on completion of the journey, within 10 days from such completion of journey to Principal RITE under intimation to concerned DDA/DAO/ ADAO as the case may be. The report should include his impression of the technologies, and schemes adopted and implemented in the visiting state. If possible, they should also obtain details of such schemes programmes, interventions in cropping systems, including water management, nutrient management, intercultural practices etc. that are implemented in the visiting states, which he think could be implemented in any particular agro-climatic region of the state. This should be a technical report comparing the agro-climatic, socio-economic and other aspects with that of Orissa, with particular reference to crops and cropping systems followed in the visiting state, which has applicability in the State. This will help in evaluating our own programmes and modify them suitably, if required and feasible. Such appraisal reports prepared by Agronomist, M.I & W.U and separate reports submitted by the Guide Officer should be submitted to the Director of Agriculture. The JDA (Information) shall compile such reports, edit them and publish them in form of booklets for information of other farmers and guidance of the field functionaries.

19. The farmers selected in a particular scheme shall visit such of the State/ areas as may be decided by the Director of Agriculture & Food Production, Orissa, in the crop seasons in the relevant states.

A provision of Rs.3000/- is ear marked for exposure visit outside the state, the break up of which is as follows:

SI No		
A	Bus Fare from village to dispersal center and back	Rs. 300/-
B	To and fro train fare per person	Rs.1000/-

C	Daily allowance @Rs. 100/- for 8 days	Rs. 800/-
D	Conveyance and accommodation in the visiting state	Rs. 800/-
E	Local conveyance and arrangement	Rs. 100/-
	<b>Total</b>	<b>Rs.3000/-</b>

21. The daily allowance of Rs.100/- admissible to the farmer/guide officer cannot be changed under any circumstances. However, inter-change of item-wise breakup other than DA can be made as per the need not exceeding the total provision for other items taken together. In such an event the Guide Officer(s) should certify for such deviation on such interchange subject to limitation on the body of the voucher format as developed in case of NPOF guidelines. Any unspent amount should be refunded by end of February'2009.

**Application form for participation in the Exposure visit outside the State  
under ISOPOM (Oilseeds) during 2008-09**

1. Name and address of the farmer  
(Name in Capital letters)  
Village  
Post  
PS  
Block  
District.
2. Date of Birth/ Age
3. Father's Name
4. Whether SC/ST/Gen.
5. Total area of cultivable land  
Owned by the farmer.
6. Total area under the crop(s)  
Cultivated by the farmer.
7. Area under cultivation ( in ha)

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Kharif                  Rabi

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Total area  
Irrigated area  
Highland area  
Crops grown in irrigated lands  
Crops grown in highlands  
Mixed cropping done, if any,  
In high lands

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\* Strike out whichever not applicable.

### **DECLARATION**

1. Certified that the information furnished above is true to the best of my knowledge and belief.
2. I undertake to abide by the terms and conditions prescribed by the Agriculture Department as well as the instructions of the guide officers during the whole period of visit.
3. Certified that I am medically fit to undertake the journey and free from any known chronic ailments/ I shall carry the required prescriptions/ medicines as may be required for any ailment I suffer from during the entire period of journey and I am personally responsible for the same.
4. I further undertake to bear additional expenses, if any, over and above the Government assistance provided to me as per norms.

Signature of the farmer

FOR OFFICIAL USE ONLY:

### **CERTIFICATE**

(Certificate to be given by AAO/JAO)

I, Shri.....have inspected the cultivable area/ land owned by the farmer and to the best of my knowledge and belief the farmer is engaged in cultivation of the crop mentioned in the application form

Signature

Name

Seal & Designation.

APPROVED

Signature of the DAO

(Seal)

**Storage bin:**

In order to minimize the storage loss, metal storage bins of 1.10 quintal and 2.20 quintal capacity will be supplied to all categories of farmers. Preference should be given to S.C/ S.T/ Small/ Marginal / and women farmers. The subsidy applicable is 50% the cost limiting to Rs. 400/bin. DAO will place the supply order with the concerned supplier/manufacturer at the rate approved by the State level technical committee as per the physical programme communicated The subsidy amount will be placed with DAO for drawal of the claim & payment to the supplying agency after deposit of the necessary farmers' share with the supplier & observing all codal procedures.