

SCSP ACTION PLAN (2025-26)



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ACTION PLAN FOR SCSP (2025-26) OF KVK KORAPUT

Introduction:

Koraput district is an important agrarian district of the state where more than 80 % of the population depends on Agriculture. According to the 2011 census, out of the total population of the district, the schedule caste population is 1, 96,540 (14.25%).The male SC population is 96,789 and female SC population is 99,751. Boriguma, Jeypore, Nandapur, Boipariguda and Lamataput blocks of the district are dominated in SC population.

SCSP programme is a special scheme of ICAR for which separate fund is given to carry out activities meant for SC communities. This KVK is receiving funds under this scheme every year.

The objectives with which this program will be implemented at KVK, Koraput are

1. To demonstrate potential technologies which can enhance their income and livelihoods of SC people?
2. To improve the skill and competency of farmers and rural youths.
3. To aware the SC farmers regarding improved technologies for income generations.
4. To provide quality planting materials and other inputs.

Selection of villages and beneficiaries:

Villages with SC dominated population who are engaged in agriculture and allied activities for their livelihoods will be selected for implementation of various outlined activities. Only SC beneficiaries will be selected under each activity assessing their needs, technology gaps, available resources etc. To accomplish the objectives following activities will be carried out with special focus on SC communities of SC dominated villages. The programmes to be undertaken have been enumerated below

- a) Frontline Demonstration
- b) Training
- c) Other extension activities
- d) Critical Input distribution

ABSTRACT OF PROPOSED ACTIVITIES

Name of activity	No. of activity	Beneficiaries/ No.
FLD	8	250
Field Days	8	400
Training	20	720
Publications	7	3500
Extension Activities		
(i) Farmers fair- cum- F-S interaction	02	100
(ii) Method Demonstration	10	250
(iii) Soil Health Camp	04	280
(iv) Animal Health Camp	04	240
(v) Exposure Visit	02	40
(vi) Technological week celebration	07	210
(vii) SHG Convention meet	02	100
(viii) Ex-trainees meet	02	100
(ix) Swachhata activity programme	06	300
(x) Group meeting	8	240
QPM & Other critical input distribution	-	189500 nos. & 3400 kg
Distribution of Fingerlings	-	150000
Promotion of Custom hiring centre	-	02
(xi) Demo unit	05	05

(A) FRONTLINE DEMONSTRATIONS

FLD-1

Title of the FLD with code	:	Demonstration of multiple disease resistant tomato var. Arka Abhed [24FHO02(R)] 2nd yr
Thrust Area	:	Varietal Evaluation
Season	:	<i>Rabi</i> , 2025-26
Farming Situation:	:	Irrigated medium land
No. of demonstrations (Area)	:	20 (1 ha)
Farmers Practice	:	Cultivation of F1 tomato hybrid(Laxmi)
Details of the technology	:	High yielding F1 hybrid with multiple disease

		resistance to Tomato Leaf Curl Virus (Ty2+Ty3), Bacterial wilt, Early blight and Late blight (Ph2+ Ph3). Plants are semi-determinate with dark green foliage. Fruits are firm, oblate round & medium large (90-100g). Suitable for summer, <i>Kharif</i> & <i>Rabi</i> cultivation. Suitable for fresh market & avg. yield 70-75 t/ha . Duration - 140-150 days.
Observation parameters	:	PDI (%), Yield of Fruit/plant (kg), Yield & Economics
Scientists involved:		Dr. B. Sahoo & Smt. K. Sethi

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

FLD-2

Title of the FLD with code	:	Demonstration on Dragon fruit cultivation [23FHO02(K)] 2nd yr
Thrust Area	:	Exotic high value fruit crop
Season	:	<i>Kharif</i> , 2025
Farming Situation:	:	Irrigated upland
No. of demonstrations	:	50
Farmers Practice	:	Devoid of dragon fruit cultivation
Details of the technology	:	Pink skin white flesh Dragon fruit var. CHES DF-11
Observation parameters	:	Plant height (cm), No. of Fruits/plant, Fruit Wt. (g), Yield (q/ha) and Economics
Scientists involved:	:	Dr. B. Sahoo & Smt. K. Sethi

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

FLD-3

Title of the FLD with code	:	Demonstration on rice var. Kalinga dhan-1203 (ORJ-1135) [24FAG01] 2nd year
Thrust Area	:	Crop Production
Season	:	<i>Rabi</i> , 2025-26
Farming Situation:	:	Irrigated lowland

No.of demonstrations	:	20 (10 ha)
Farmers Practice	:	Rice var. MTU-1001
Details of the technology	:	Rice var. Kalinga Dhan-1203 (ORJ-1135) Avg. grain yield-54.2 kg, Duration-135 days, Plant height-111 cm, Moderately resistant to sheath rot, BPH, stem borer & leaf folder
Observation parameters	:	Plant height (cm), No. of tillers/hill, No. of grains/panicle, Panicle length (cm), Yield & Economics
Scientists involved:	:	Smt. Sunita Dandasena, Scientist (Agronomy)

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

FLD-4

Title of the FLD with code	:	Demonstration on rice variety KOLAB (IET 25295) [24FAG02] 2nd year
Thrust Area	:	Crop Production
Season	:	<i>Rabi</i> , 2025-26
Farming Situation:	:	Irrigated lowland
No.of demonstrations	:	20 (10 ha)
Farmers Practice	:	Rice variety MTU-1001
Details of the technology	:	Rice var. Kolab (IET 25295) Duration-130 days, Avg yield potential of 53 q/ha, long slender grain and moderately resistant to Leaf Blast, Neck Blast, Sheath Rot, Brown leaf spot, Grain discolouration, BPH and Gall midge
Observation parameters	:	Plant height (cm), No. of tillers/hill, No. of grains/panicle, Panicle length (cm), Yield & Economics
Scientists involved:	:	Smt. Sunita Dandasena, Scientist (Agronomy)

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

FLD-5

Title of the FLD	:	Demonstration of improved poultry breed in backyard for higher income generation
Thrust Area	:	Income generation activity
Season	:	<i>Rabi</i> , 2025-26
Farming Situation:	:	Backyard
No.of demonstrations	:	50 (1000 nos.)
Farmers Practice	:	Desi or nondescriptive birds from local seller
Details of the technology	:	21-30 days old brooded chicks along with scheduled vaccination in the backyard rearing system.
Observation parameters	:	Avg. body weight at 45 and 90 days and egg laying capacity, market demand
Scientists involved:		Sri. Binod Chandra Behera, Scientist (Ag. Extension)

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

FLD-6

Title of the FLD	:	Demonstration of Oyster mushroom
Thrust Area		Income generating activity
Season & year	:	Rabi 2025-26
Farming Situation:	:	Home stead
No. of demonstrations	:	50 units (500)
Farmers Practice	:	Growing of P. florida strain of oyster mushroom
Details of the technology	:	Supply of quality spawn (Blue oyster), appropriate substrate, processing, pasteurization and bag management.
Observation parameters	:	Yield (Kg/bed) Profitability
Scientists involved:		Sri. Binod Chandra Behera, Scientist (Ag. Extension)

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

FLD-7

Title of the FLD with code	:	Demonstration of microbial inoculants for fast ex-situ decomposition of farm wastes [24FSS02(K/R)]
Thrust Area		Crop residue management
Season & year	:	<i>Kharif</i> , 2025
Farming Situation:	:	Homestead /upland
No. of demonstrations	:	20 units (10 SHG)
Farmers Practice	:	Crop residue burning
Details of the technology	:	FP: Composting by traditional method Demo: Application of NRRI Decomposer (1.0 kg inoculum along with 0.5% urea and 1.0% cow dung for one ton of farm wastes
Observation parameters	:	Decomposition % after 30 days, Days to composting, Economics
Scientists involved:		Sri Sabek Kumar Hantal, SMS (Soil Science)

FLD-8

Title of the FLD with code	:	Demonstration of Vermicomposting by using poly vermin bed. [23FSS18(K)]
Thrust Area		Soil health management
Season & year	:	<i>Rabi</i> , 2025-26
Farming Situation:	:	Homestead/upland
No. of demonstrations	:	20 units(10 SHG)
Farmers Practice	:	FYM production
Details of the technology	:	Vermicomposting with available wastes by using polythene bag (size-12'x4'x3') with release of earthworm (<i>Eisenia foetida</i>)
Observation parameters	:	Vermicompost yield economics (kg/bag)

Scientists involved:		Sri Sabek Kumar Hantal, SMS (Soil Science)
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Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

(B) TRAINING

Sl. No.	Title of Training	Durati on	On/off-campus	Type of Participants	No. of participants
1.	Good agricultural practices of Tomato	1	Off	F/FW	30
2.	Quality planting materials production of vegetable crops	1	Off	F/FW	30
3.	Package of practices of Ivy gourd	1	Off	F/FW	30
4.	Package of practices of Dragon fruit	1	Off	F/FW	30
5.	Improved method of oyster mushroom production	1	Off	F/FW	30
6.	Rearing of back yard poultry for more income	1	Off	F/FW	30
7.	Development of nutritional kitchen garden	1	Off	F/FW	30
8.	Production of mushroom by using different substrate	1	Off	F/FW	30
9.	Use of women friendly farm equipment for drudgery reduction	1	Off	F/FW	30
10	Natural farming practices in rice	1	Off	F/FW	30

	cropping system				
11	Seed production techniques in finger millet	1	Off	F/FW	30
12	Integrated crop management in Maize	1	Off	F/FW	30
13	Value addition in Niger and finger millet	1	Off	F/FW	30
14	Integrated farming system for higher income generation	1	Off	F/FW	30
15	Improved cultivation practices of pulse based cropping system	1	Off	F/FW	30
16	Use of vermicompost and organic manure for sustainable yield	1	Off	F/FW	30
17	Use of vermicompost and organic manure for sustainable yield	1	Off	F/FW	30
18	Production technology for raising Azolla	1	Off	F/FW	30
19	Use of bio-fertilizer in specific reference to organic farming in vegetable crops.	1	Off	F/FW	30
20	Importance of soil testing and balance fertilizer application in high value spice and condiments.	1	Off	F/FW	30

C) Other Extension Activities

Sl No.	Title	Number/ Participants
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1.	Animal Health Camp	4 (240)
2.	Soil Health Camp	4 (280)
3.	Filed Day	8 (400)
4.	Farmers fair- cum-F-S interaction	2 (100 farmers)
5.	Exposure Visit	2 (40 farmers)
6	SHG Convension meet	2 (100)
7	Ex-trainees sammelan	2(100)
8.	Distribution of vegetable seed kit	2(200)
9.	Technological Week Celebration	
	(i) Vermicompost production	10
	(ii) Mushroom cultivation	50
	(iii) Seed production of Ginger	30
	(iv) Seed production of turmeric	30
	(v) Seed production of Tuber crops	30
	(vi) Development of nutri-garden for nutritional security	50
	(vii) Apiculture for higher income generation	10
7.	Popularisation of drudgery reduction implements for farmwomen 1. Hand Weeder-20 nos. 2. Trench hoe-20nos. 3. Bhindi plucker-20 nos. 4. Maize Sheller-20nos. 5. Garden rake-20nos.	200 nos.

	6. Improved Sickle-20nos. 7. Sprayer-20nos. 8. Khurpi-20nos. 9. Garden rake-20nos. 10. Rose Cane-20nos.	
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D) METHOD DEMONSTRATIONS

Sl. No.	Title of method demonstrations	No. of activity	No. of participants
1	Vermicompost production technology	2	50
2	Seed treatment in pulses through microbial culture	2	50
3	Mushroom bed preparation	2	50
4	Rhizome treatment technique in ginger for controlling rhizome rot	1	25
5	Azolla cultivation	2	50
6	Plant propagation techniques in fruit crop	1	25
Total		10	250

E) Promotion of Custom hiring centre

Name of the Items	Quantity
(i) Cycle weeder	10
(ii) Manual Maize sheller	10
(iii) Manual Ground nut decorticator	10
(iv) 8 row marker	10
(v) Wheel finger weeder	10
(vi) Sprayer	10
(vii) Pulveriser	3

F) QUALITY PLANTING MATERIALS

Name of the Items	Quantity (nos./kg)
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Tomato	50000
Onion	100000
Chilli	10000
Brinjal	5000
Papaya	2000
Drumstick	2000
Sweet potato vines	10000
Ivy gourd cuttings	1000
Black Pepper	500
Cardamom	500
Bamboo	1000
Mushroom Spawn	2000
Cinnamon	4000
Coffee	1500
Elephant foot yam	300 kg
Yam	300 kg
Vermicompost	2800 kg

G) PUBLICATIONS

Sl. No.	Title of publication	Type	No. of copies
1	Strawberry chasa	Booklet	500
2	Year round cultivation of coriander	Leaflet	500
3	Mitha maka chasa	leaflet	500
4	Prakrutika Krushi	Booklet	500

5	Samanwita khadya sara parichalana	Leaflet	500
6	Jibanusara	Booklet	500
7	Nutritional kitchen garden	Booklet	500

H) Demo Units to be developed for the farmers:

Sl no.	Demo unit	No.
1.	Commercial floriculture unit	01
2.	Repairing of polyhouse	02
3.	Repairing of Silpaulin lining pond	01
4.	Biodiversity conservation unit	01
5.	Mushroom demo unit	01

S/d-
Senior Scientist & Head
KVK, Koraput