REVISED PROFORMA FOR ACTION PLAN(April 23 to March 2024)

1. Name of the KVK: Sundargarh-1

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2.Name of host organization : Odisha University of Agriculture & Technology(OUAT)

Address	**Telephone**		**E mail**
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Odisha University of Agriculture & Technology, Bhubaneswar - 751003			

3.Training programme to be organized

(a) Farmers and farmwomen

Sl No	**Thematic area**	**Title of Training**	**No.**	**Duration**	**Venue On/Off**	**Tentative Date**	**No. of Participants**								
							SC		**ST**		**Other**		**Total**		
							M	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**T**
1.	Soil testing	Importance of soil testing & balanced fertilizer application in crops	1	1	Off Campus	May 2023									30
2.	Micro-nutrient deficiency	Micro & secondary nutrient application in Rice	1	1	Off Campus	July 2023									30
3.	Problematic soil mgt	Mgt of acid soil	1	1	Off Campus	June 2023									30
4.	INM	INM in Ragi	1	1	Off Campus	July 2023									30
5.	INM	Application of Nano-Urea in Rice	1	1	Off Campus	August 2023									30
6.	IPM	IPM in Ragi	1	1	Off	August 2023									30
7.	INM	INM in Pulses (Greengram&Blackgram)	1	1	Off Campus	October 2023									30
8.	INM	INM in solanaceous crops (Tomato, Brinjal, Chilli)	1	1	Off Campus	January 2024									30
9.	INM	INM in cole crops	1	1	Off	October 2023									30

		(Cabbage, Cualiflower)			Campus											
10.	INM	INM in Mustard	1	1	Off Campus	November2023										30
11.	INM	INM in groundnut	1	1	Off Campus	January 2024										30
12.	Preparation of organic Inputs	Preparation of quality compost from agricultural waste	1	1	Off Campus	February 2024										30
13.	INM	INM in Mango Orchards	1	1	Off Campus	July, 2023										30
14.	Soil & Water conservation	Rain water harvesting & water conservation	1	1	Off Campus	March 2024										30
15.	Nutrient management	Nutrient mgt in natural farming	1	1	Off Campus	July 2023										30
16.	Nutrient management	Use of bio-fertilizer in special reference to organic farming in vegetable crops	1	1	Off Campus	November 2023										30
17.	IWM	Weed management in Groundnut	1	1	Off Campus	January 2024										
18.	IWM	Importance of weed management in Greengram	1	1	Off Campus	January 2024										30
19.	ICM	Techniques of seed treatment in Greengram	1	1	Off Campus	April 2023										30
20.	IWM	Importance of summer ploughing for controlling weed and enrichment of soil	1	1	Off Campus	April 2023										30
21.	IDM	Management of wilt complex in Chilli	1	1	Off Campus	May 2023										30
22.	ICM	Nursery management in rice	1	1	Off Campus	May 2023										30
23.	ICM	Nursery management in ragi	1	1	Off Campus	June 2023										30
24.	IWM	Weed management in DSR	1	1	Off Campus	July 2023										30
25.	IPM	Management of Stem borer in Rice	2	1	Off Campus	July 2023										30
26.	IWM	Weed management in maize	1	1	Off Campus	August 2023										30
27.	IPM	Management of BPH in Rice	1	1	Off Campus	August 2023										30

28.	ICM	Importance of weed management in Blackgram	1	1	Off Campus	August 2023									30
29.	ICM	Scientific method of mustard cultivation	1	1	Off Campus	September 2023									30
30.	ICM	ICM in rice under drought affected areas	1	1	Off Campus	September 2023									
31.	IPM	Management of fall army warm in maize	1	1	Off Campus	September 2023									
32.	IDM	Management of wilt complex in Brinjal	2	1	Off Campus	October 2023									30
33.	IPM	Management of Gundhi bag in rice	1	1	Off Campus	October 2023									30
34.	ICM	Management of borer complex in arhar	1	1	Off Campus	November 2023									30
35.	ICM	Management of rice fallow area	2	1	Off Campus	December 2023									30
36.	Mobilization of social capital	Formation and management of Farmer Producer organizations	1	1	Off campus	January, 2024									30
37.	leadership management	Formation of groups for aggregation and marketing of village produce	1	1	Off campus	August, 2023									30
38.	Micro irrigation systems of orchards	Layout, fitting &mgt of drip irrigation in Orchard	1	1	Off campus	August 2023									30
39.	leadership management	Formation of of groups for aggregation and marketing of village produce	1	1	Off campus	September, 2023									30
40.	Training and Pruning	Grafting techniques in mango & guava	2	2	Off campus	August 2023									60
41.	Management of potted plants	Collection & potting of flower plants	1	1	On campus	September 2023									30
42.	Marketing	Various marketing opportunities & production planning in vegetables	1	2	Off campus	October, 2023									30
43.	Marketing	Formation and management of Farmer Producer organizations	1	1	Off campus	November, 2023									30
44.	Micro irrigation systems of orchards	Layout, fitting &mgt of drip irrigation in Orchard	1	1	Off campus	November 2023									30

45.	Marketing	Formation of groups for aggregation and marketing of village produce	1	1	Off campus	December, 2023									30
46.	Nursery management	Raising of quality seedlings through low cost polytunnel and protray	1	1	Off campus	September 23									30
47.	Mushroom	Production technology of Paddy straw mushroom in threshed straw for Income generation	1	2	Off campus	June 23									30
48.	Household food security by nutritional gardening	Benefits of Nutri- garden and Lay-outing of model nutri garden	1	1	Off campus	October-23									30
49.	Production Technology	Post harvest management of Paddy straw Mushroom Beds	1	1	Off Campus	Setember 2023									30
50.	Household food security by nutritional gardening	Nutri-garden-Nutritional security of farm families	1	1	Off campus	October-23									30
51.	IGA	Production technology of Oyster mushroom in threshed straw for Income generation	1	2	Off campus	Nov-23									30
52.	Production Technology	Post harvest management of Oyster Mushroom Beds	1	1	Off Campus	December 2023									30
53.	Drudgery	Use agricultural implements for drudgery reduction of farm women	1	1	Off campus	Dec-23									30
54.	Storage loss minimization	Grain pro super bag for safe storage of pulses	1	1	Off campus	Feb-24									30
55.	Value addition	Value addition of fruits & vegetables	1	1	Off campus	December 23									30
56.	Women & child care	Early childhood care by farm women	1	1	Off campus	Dec 2023									30
57.	Forestry	Production techniques of different planting materials.	1	1	Off Campus	August 2023									30
58.	Forestry	Nursery management of forest species.	1	1	Off Campus	August 2023									30

59.	Forestry	Preparation of different Agro-forestry model.	1	1	Off Campus	October2023									30
60.	Forestry	Preparation of Bamboo planting material from clump	1	1	Off Campus	September 23									30
61.	Forestry	Practicing of silvi-pastural system	1	1	Off Campus	September 23									30
62.	Forestry	Pruning method and time of different fruits and forest species	1	1	Off Campus	December 23									30
63.	Forestry	Lac Cultivation in different forest species (Scleicheraoleosa&Buteamonosperma)	1	1	Off Campus	October 23									30
64.	Forestry	Different Propagation technique of Plantation crop	1	1	Off Campus	January 24									30
65.	Forestry	Preparation of Planting material from teak stump	1	1	Off Campus	February 24									30
66.	Forestry	Collection and drying method of Mahua (*MadhucaLogifolia*)	1	1	Off Campus	February 24									30
67.	Forestry	Preparation of Pond based IFS	1	1	Off Campus	November 24									30
68.	Nutrient management	Foliar application of Micro-nutrients in Bittergourd	1	1	Off Campus	August,23									30
69.	Nutrient management	Use of Bio-fertilizers in Okra.	1	1	Off Campus	August,23									30
70.	Varietal evaluation	Yard long bean varieties with their Characteristics	1	1	Off Campus	September,23									30
71.	Nutrient management	Integrated Nutrient Management in Brinjal	1	1	Off Campus	September,23									30
72.	Nursery management	Nursery raising for Marigold	1	1	Off Campus	October,2023									30
73.	Quality Planting Materials Production	Different growing media for raising seedlings in protrays.	1	1	Off Campus	October,2023									30
74.	Varietal evaluation	Multiple disease resistant varieties of Tomato.	1	1	Off Campus	September ,23									30
75.	Nutrient management	Application of Micro-nutrient mixtures in	1	1	Off Campus	November,23									30

		Cauliflower														
76.	Nutrient management	Method of Application of Bio-fertilizers in Pointedgourd	1	1	Off Campus	December,2023										30
77.	Yield increment	Pollination technique in Pointedgourd& spine gourd	1	1	Off Campus	December,2023										30
		Total														

(b) Rural youths

Sl No	Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
1.	Entrepreneurship development	Techniques of Vermiculture and vermicomposting	1	5	On campus	Jan2024									25
2.	Entrepreneurship development	Seed production in Rice	1	2	On campus	February 2024									25
3.	Organic Farming	Preparation of Inputs for Organic & Natural farming	1	5	On campus	March2024									25
4.	Marketing management	Marketing and Management of farm producer group	1	3	On campus	March 2024									25
5.	Value addition	Processing and value addition of Millet	1	3	On campus	March 2024									25
6.	Apiculture	Scientific rearing of honey bee	1	7	On campus	February 2024									25
7.	Value addition	Value addition of Mushroom	1	3	On campus	December 2023									25
8.	Production Technology	Cultivation of milk mushroom	1	2	On campus	July 2023									25
9.	Value addition	Value addition of fruits & vegetables	1	5	On campus	December 2023									25
10.	Entrepreneurship development	Different Integrated farming system models for rainfed ecosystem	1	3	On campus	December 2023									25
11.	Entrepreneurship development	Mushroom cultivation for sustainable enterprise	1	5	On campus	June, 2023									25
12.	Entrepreneurship development	Fingerling production and Biofloc	1	5	On campus	July 2023									25

13.	Entrepreneurship development	Techniques of vermiculture and vermicomposting	1	5	On campus	August 2023									25
14.	Entrepreneurship development	Scientific honeybee rearing	1	5	On campus	November 2023									25
15.	Entrepreneurship development	Commercial Mushroom production	1	5	On campus	September 2023									25
16.	Entrepreneurship development	Organic farming for sustainable crop production	1	5	On campus	October 2023									25
17.	Entrepreneurship development	Recent advances in Poultry rearing techniques	1	5	On campus	November 2023									25
18.	Entrepreneurship development	Value addition for fruits and vegetables	1	5	On campus	January 2024									25
19.	Nursery management	Nursery raising of vegetables	1	5	On campus	September 2023									25
20.	Sapling production	Preparation of planting material and nursery management for forest plant	1	2	On campus	February 23									25
21.	Entrepreneurship development	Entrepreneurship development through Nursery business	1	3	ONC	February, 2024									25
22.	Plant Propagation	Propagation of Fruit crops using grafting & budding techniques	1	3	ONC	March, 2024									25
Total															

(c) Extension functionaries

Sl No	Thrust area/ Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants		
							Total		
							M	F	T
1.	INM	Recent advances in soil health mgt	1	2	On campus	Dec 2023			25
2.	INM	Soil related constraints & their amelioration for sustainable crop production	1	2	On campus	March 2024			25
3.	IWM	Prospect of Annual planning of weed pest management	1	1	On campus	Dec 2023			25
4.	Capacity building for ICT application	Recent advances in ICT used in Agriculture	1	2	On campus	February 2024			25
5.	ICT	Application of new media in extension	1	2	On campus	January, 2024			25
6.	Leadership Development	Motivational and communication skills for extension personnel	1	2	On campus	October 2023			25
7.	Pest Management	Safe use of pesticides	1	1	Off campus	July 2023			25
8.	Pest Management	Recent advances in Pest management in Rice	1	1	On Campus	August 2023			25
9.	Fertilizer mgt	Fertilizer mgt in horticulture crops	1	1	On campus	Sept 2023			25
10.	Fertilizer mgt	Recent advances in fertilizer mgt in field crops	1	1	On campus	Nov 2023			25
11.	Value addition	Post-harvest management of vegetables	1	2	On campus	Dec-23			25
12.	Nutri- garden	Nutri- garden for nutritional security of farm families	1	1	On campus	October 2023			25
13.	Value addition	Post-harvest management of under-utilized fruits	1	2	On campus	June-2023			25
14.	Natural Farming	Principles and Practices of Natural farming in vegetable crops	1	2	On campus	December,2023			25
15.	Climate Smart Horticulture	Climate resilient vegetable crops	1	2	On campus	January,2024			25
16.	Low volume high value crops	Production of High value Horticultural fruits and vegetable crops	1	2	Oncampus	February,2024			25
17.	Post-harvest Management	Post-harvest Management of fruits crops	1	2	On campus	March,2024			25
		Total	17						

Abstract of Training: Consolidated table (ON and OFF Campus)

Farmers and Farm women

Thematic Area	No. of Courses	Grand Total		
		M	F	T
I. Crop Production				
Weed Management	4			120
Resource Conservation Technologies	2			60
Cropping Systems	1			30
Crop Diversification	2			60
Integrated Farming				
Water management	1			30
Seed production				
Nursery management	2			60
Integrated Crop Management	7			210
Fodder production				
Production of organic inputs				
Others, (cultivation of crops)	3			90
TOTAL	**22**			**660**
II. Horticulture				
a) Vegetable Crops				
Integrated nutrient management				
Water management				
Enterprise development				
Skill development				
Yield increment				
Production of low volume and high value crops				
Off-season vegetables				
Nursery raising				
Exotic vegetables like Broccoli				
Export potential vegetables				
Grading and standardization				
Protective cultivation (Green Houses, Shade Net etc.)				
Others, if any (Cultivation of Vegetable)				
TOTAL				
b) Fruits				
Training and Pruning				

Thematic Area	No. of Courses	Grand Total		
		M	F	T
Layout and Management of Orchards				
Cultivation of Fruit				
Management of young plants/orchards				
Rejuvenation of old orchards				
Export potential fruits				
Micro irrigation systems of orchards				
Plant propagation techniques				
Others, if any(INM)				
TOTAL				
c) Ornamental Plants				
Nursery Management				
Management of potted plants				
Export potential of ornamental plants				
Propagation techniques of Ornamental Plants				
Others, if any				
TOTAL				
d) Plantation crops				
Production and Management technology				
Processing and value addition				
Others, if any				
TOTAL				
e) Tuber crops				
Production and Management technology				
Processing and value addition				
Others, if any				
TOTAL				
f) Spices				
Production and Management technology				
Processing and value addition				
Others, if any				
TOTAL				
g) Medicinal and Aromatic Plants				
Nursery management				
Production and management technology				
Post harvest technology and value addition				
Others, if any				
TOTAL				

Thematic Area	No. of Courses	Grand Total		
		M	F	T
III. Soil Health and Fertility Management				
Soil fertility management				
Soil and Water Conservation	1			30
Integrated Nutrient Management	9			270
Production and use of organic inputs	1			30
Management of Problematic soils	1			30
Micro nutrient deficiency in crops	1			30
Nutrient Use Efficiency	1			30
Soil and Water Testing	1			30
Others, if any				
TOTAL				
IV. Livestock Production and Management				
Dairy Management				
Poultry Management				
Piggery Management				
Rabbit Management				
Disease Management				
Feed management				
Production of quality animal products				
Others, if any (Goat farming)				
TOTAL				
V. Home Science/Women empowerment				
Household food security by kitchen gardening and nutrition gardening	2			60
Design and development of low/minimum cost diet				
Designing and development for high nutrient efficiency diet				
Minimization of nutrient loss in processing				
Gender mainstreaming through SHGs	1			30
Storage loss minimization techniques	1			30
Enterprise development				
Value addition	1			30
Income generation activities for empowerment of rural Women	3			90
Location specific drudgery reduction technologies	1			30
Rural Crafts				
Capacity building				
Women and child care	1			30
Others, if any				
TOTAL				

Thematic Area	No. of Courses	Grand Total		
		M	F	T
VI.Agril. Engineering				
Installation and maintenance of micro irrigation systems				
Use of Plastics in farming practices				
Production of small tools and implements				
Repair and maintenance of farm machinery and implements				
Small scale processing and value addition				
Post Harvest Technology				
Others, if any				
TOTAL				
VII. Plant Protection				
Integrated Pest Management				
Integrated Disease Management				
Bio-control of pests and diseases				
Production of bio control agents and bio pesticides				
Others, if any				
TOTAL				
VIII. Fisheries				
Integrated fish farming				
Carp breeding and hatchery management				
Carp fry and fingerling rearing				
Composite fish culture & fish disease				
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond				
Hatchery management and culture of freshwater prawn				
Breeding and culture of ornamental fishes				
Portable plastic carp hatchery				
Pen culture of fish and prawn				
Shrimp farming				
Edible oyster farming				
Pearl culture				
Fish processing and value addition				
Others, if any				
TOTAL				
IX. Production of Inputs at site				
Seed Production				
Planting material production				
Bio-agents production				

Thematic Area	No. of Courses	Grand Total		
		M	F	T
Bio-pesticides production				
Bio-fertilizer production				
Vermi-compost production				
Organic manures production				
Production of fry and fingerlings				
Production of Bee-colonies and wax sheets				
Small tools and implements				
Production of livestock feed and fodder				
Production of Fish feed				
Others, if any				
TOTAL				
X. Capacity Building and Group Dynamics				
Leadership development				
Group dynamics				
Formation and Management of SHGs	2			60
Mobilization of social capital	4			120
Entrepreneurial development of farmers/youths				
WTO and IPR issues				
Others, if any				
TOTAL				
XI Agro-forestry				
Production technologies				
Nursery management				
Integrated Farming Systems				
TOTAL				
XII. Others (Pl. Specify)				
TOTAL				

Rural youth

Thematic Area	**No. of Courses**	
		T
Mushroom Production	1	20
Bee-keeping	1	20
Integrated farming	1	20
Seed production	1	20
Production of organic inputs	1	20
Planting material production		
Vermi-culture	1	20
Sericulture		
Protected cultivation of vegetable crops		
Commercial fruit production		
Repair and maintenance of farm machinery and implements		
Nursery Management of Horticulture crops		
Training and pruning of orchards		
Value addition	2	40
Production of quality animal products		
Dairying		
Sheep and goat rearing		
Quail farming		
Piggery		
Rabbit farming		
Poultry production	1	20
Ornamental fisheries	1	20
Para vets		
Para extension workers		
Composite fish culture		
Freshwater prawn culture		
Shrimp farming		
Pearl culture		
Cold water fisheries		
Fish harvest and processing technology		
Fry and fingerling rearing		
Small scale processing		

Thematic Area	No. of Courses	
		T
Post Harvest Technology		
Tailoring and Stitching		
Rural Crafts		
Enterprise development	2	40
Others if any (ICT application in agriculture)	1	15
TOTAL	13	255

Extension functionaries

Thematic Area	No. of Courses	No of participants Grand Total		
		M	F	T
Productivity enhancement in field crops				
Integrated Pest Management	3			75
Integrated Nutrient management	4			100
Rejuvenation of old orchards				
Value addition	3			75
Protected cultivation technology				
Formation and Management of SHGs				
Group Dynamics and farmers organization				
Information networking among farmers	1			25
Capacity building for ICT application	2			50
Care and maintenance of farm machinery and implements				
WTO and IPR issues				
Management in farm animals				
Livestock feed and fodder production				
Household food security				
Women and Child care				
Low cost and nutrient efficient diet designing				
Production and use of organic inputs				
Gender mainstreaming through SHGs				
Crop intensification				
Others if any				
TOTAL				

Frontline demonstrations to be conducted

FLD No. -1 : **Demonstration of Zn & B application in transplanted rice (Soil Sc)**

Crop: Rice
Problem: Low yield due to Boron & Zn deficiency in Soil
Thrust Area: INM
Thematic Area: Micro nutrient deficiency in crops
Season : Kharif, 2023
Farming Situation : Irrigated medium land, Rice –Vegetable
Farmer's Practice :

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Rice	**2.0 ha (10 Nos)**	STBF + Basal application of ZnSO4 (21% Zn) @25kg/ha + Folicar application of B (20%) @ 1.5g/ltr at flowering stage	Initial and post harvest soil test value No. of effective tillers /sq m, No. of filled grain per panicle, 1000 grain weight (gm), Yield (q/ha) , Economics	ZnSO4 (21% Zn), B (20%)											**10**

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Micro & Secondary nutrient application in Rice	1	FW	1	Off	July2023									30
Method Demo	Application of Micronutrients	1	FW	1	Off campus	July 2023									10
Field Day	**Zn & B application in transplanted rice**	1	FW	1	Off campus	Nov 2023									50

FLD No. - : 2 **Demonstration of Integrated Nutrient Management in Ragi (Soil Sc)**
Crop: Ragi
Problem: Low yield due to poor nutrient management
Thrust Area: INM
Thematic Area: INM
Season : Kharif, 2023
Farming Situation : Rainfed upland
Farmer's Practice:

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Ragi	2.0 ha (10 Nos)	100 % RDF (60:20:20) + Seed treatment with biofertilozers (azospirillum& PSM @ 25 g/kg of seeds each)	Effective tillers/hill, Yield and Economics	Bio-fertilozers (azospirillum & PSM)											**10**

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	INM In Ragi	1	FW	1	Off	July 2023									30
Method Demo	Application of Bio-Fertilisers	1	FW	1	Off campus	July 2023									30
Field Day	INM in Ragi	1	FW	1	Off campus	October 2023									50

FLD No. -3 : **Demonstration of water soluble fertilizers in KharifBlackgram (Soil Sc)**
Crop: Blackgram
Problem: Low yield of Blackgram due to poor nutrient management
Thrust Area: INM
Thematic Area: Soil fertility management
Season : Kharif, 2023
Farming Situation : Rainfed upland; Blackgram-fallow
Farmer Practice : Application of N-P2O5-K2O @ 20-40-0 kg/ha

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Blackgram	**2.0 ha (10 Nos)**	Application of 75 % STBR + foliar application of WSF (18 :18:18) @ 2 % at 25 & 40 DAS	Pods/plant, Seeds/pod, Test Weight Yield and Economics	Water soluble fertilizer (18:18:18)											**10**

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Foliar application of Water soluble fertilizer in Blackgram for enhancing yield	1	FW	1	Off	July2023									30
Method Demo	Preparation and spraying of water soluble fertiliser	1	FW	1	Off campus	July 2023									10
Field Day	water soluble fertilizers in KharifBlackgram	1	FW	1	Off campus	Nov 2023									50

FLD No. - : 4 **Demonstration on combined nutrient spray in summer Groundnut (Soil Sc)**
Crop: Groundnut
Problem: Low yield of Groundnut due to poor pod filling and poor nutrient management
Thrust Area: INM
Thematic Area: INM
Season : Summer, 2024
Farming Situation : Irrigated mediumland : Rice-Groundnut
Farmers Practice : Application of N - P2O5- K2O @20- 40 -20 kg/ha only

Sl. No	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Groundnut	2 ha (10 Nos)	STBFR + foliar application of combined nutrient spray at 30 & 45 DAS (dissolved 2.5 kg DAP, 1kg ammonium sulphate& 500g borax in 35-40ltr of water for 12 hrs, filter it & make 500liters to spray 1ha area, then mix Planofix @3ml/15ltr of spray solution).	No. of pods/plant, Shelling (%) Yield (q/ha) and Economics	**DAP A/s Borax Planofix**											**10**

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	INM In summer Groundnut	1	FW	1	Off	January, 2024									30
Method Demo	Preparation of Nutrient solution and spraying techniques	1	FW	1	Off campus	February 2024									30
Field Day	Combined nutrient spray on Groundnut	1	FW	1	Off campus	March, 2024									50

FLD NO-5 : **Demonstration on IDM practices for wilt complex in Brinjal (Agronomy)**
Crop: Brinjal
Thrust Area: Promotion of IDM for wilt mgt. in Brinjal
Thematic Area: IDM
Season: Rabi 2023-24
Farming Situation : Irrigated upland
FP: Spraying of Copper Oxychloride 45 % WP 3 gm/lit + Streptocyclin 4 gm/ 10 lit water after observation of wilting

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Brinjal	0.5	Seed treatment with Metalaxyl + Mancozeb @ 2 gm/kg followed by Soil application of carbofuran 3G @ 1 kg/ha at planting and Soil drenching with Copper Oxychloride 45 % WP 3 gm/lit + Streptocyclin 4 gm/ 10 lit water	Parcent disease index, Yield and Economics												**10**

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Date	Venue On/Off	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Management of wilt complex in Brinjal	1	F/FW	1	4th week of November	Off									30
Field Day	IDM practices for wilt management in Brinjal	1	F/FW	1	2nd week of December	Off									50
Method Demonstration	Seed treatment	1	F/FW	1	4thwk of November	Off									10

FLD No – 6 : **Demonstration on high yielding Ragi*var*-Arjuna (TSP) (Agronomy)**
Crop: Ragi
Thrust Area: Popularization of HYVArjuna
Thematic Area: ICM
Season: Kharif-2023
Farming Situation : Rainfed Up Land
Farmers Practice : Cultivation of local cv Jagulei

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Ragi Var. Arjuna	10.0	Line transplanting with RDF(60:30:30)	No. of tillers/ hill, No. of effective tillers/m^2, Ear head/ plant, grain weight /ear head , Test wt (g), Yield (q/ha)Net Income, B:C ratio	Seed											10

Extension and Training activities under FLD

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Nursery management of ragi	1	FW	1	Off	2nd week July									30
Method Demo	Nursery raising	1	FW	1	Off	4th week June									10
Method Demo	Line Transplanting	1	FW	1	Off	3rd week July									10
Field Day	High yielding Ragi*var*-Arjuna	1	FW	1	Off	3rd week Sept									50

FLD No – 7: **Demonstration on weed management in transplanted Rice (Agronomy)**
Crop: Rice
Problem: Low yield due to high weed infestation
Thematic Area: Weed Management
Season: Kharif-2023
Farming Situation : Rainfed medium Land
Farmers Practice: Hand weeding at 30 DAT

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Rice	2.0	Pre emergence application of Pretilachlor 50 EC @ 1500 ml/ha, *fb*Penoxulam 1.02 % + Cyhalofop butyl 5.1 % OD @ 2250 ml/ha @ 25 DAT		Herbicides											10

Extension and Training activities under FLD

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Chemical weed management in transplanted rice	1	FW	1	Off	2nd week July									30
Method Demo	Application of herbicides	1	FW	1	Off	4th week July									10
Method Demo	Calibration of sprayer	1	FW	1	Off	3rd week July									10
Field Day	Weed management in transplanted Rice	1	FW	1	Off	4th week of November									50

FLD NO-8 : **Demonstration on Integrated Pest management of Fall Army Worm in Maize (Agronomy)**
Crop: Maize
Thrust Area: IPM in Major crops of the district
Thematic Area: IPM
Season: Kharif, 2023
Farming Situation : Irrigated upland
FP: Spraying of Profenophos 50 EC @ 2 ml/lit of water after observation of pest infestation

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Maize	0.5	Application of Azadirachtin 1500 ppm @ 5ml/l, release 20000 *T. chilonis*parasite at 4-5 days and weekly interval and need base application of Emamectin Benzoate 5 % SG @ 0.4 gm/l.	Percent infestation, Yield and Ecpnomics												**10**

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Date	Venue On/Off	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Integrated Pest management of Fall Army Worm in Maize	1	F/FW	1	July, 2023	Off									30
Field Day	Integrated Pest management o?f Fall Army Worm in Maize	1	F/FW	1	Nov, 2023	Off									50
Method Demonstration	Preparation and application of PP Chemicals	1	F/FW	1	4^{th}wk of July	Off									10

FLD –9 **Demonstration on effectiveness of short technology videos on technology adoption for Integrated weed management and Nutrient management in Rice (Extension)**

Crop: Rice

Problem **Less efficacy of existing dissemination modes i.e. text messages/verbal advisory**

Thrust Area: Short Video preparation

Thematic Area: ICT

Season: Kharif-2023

Farming Situation: Rainfed, Medium land

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Rice	20	Preparation of small videos (1.5-2.0 minutes) on different activities of production process of selected commodities and the same will be sent through WhatsApp to the identified farmers Production packages of prioritized commodities will be divided into different segments and short videos will be prepared and disseminated through WhatsApp at appropriate time	Visually engaging/Informative and timeliness -Understanding the method and process depicted in the video -Retention , retrieval & re-use of the content												30

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Use of ICT in Agriculture	1	F/FW	2	Off	August 2nd wk									30
Method Demo	Preparation of short videos	1	F/FW	2	Off	August & September									30

FLD –10 **Demonstration on proper farm planning including record keeping and availing better marketing opportunities**
Crop: Rice
Problem Less remuneration from the existing rice production due to increase in production cost by improper farm planning and marketing
Thrust Area: Productivity enhancement of major crops
Thematic Area: Agril marketing
Season: Kharif-2023
Farming Situation : Rainfed, Medium land
Farmers Practice : Rice cultivation without any definite planning and record keeping including bulk marketing at doorstep

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Rice	30 Nos	Designing the proper scheduling of different farm activities by maintaining timely records and planning the cropping keeping in view to fetch good market value from the produce	Timely Availability / delivery of inputs and technology, Suitability of technology, Ease in handling the extension method Retention and retrieval of information Change in income Change in production cost Change in knowledge Change in skill Change in perception Sustainability Adoptability												30

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Designing , Crop Planning of calendar of operations in Rice	1	F/FW	1	Off	June 2nd wk									30
Method Demo	Preparation of crop plan	1	F/FW	1	Off	June 2nd wk									30

FLD 11 Impact assessment of Farmers visiting different Demo units at KVK, Sundargarh-1

FLD 12 Impact study on TSP programmes for strengthening livelihood KVK, Sundargarh-1

FLD-13 **Demonstration on vegetable seedling raising under poly tunnel (Community Sc)**
Crop: Vegetable Nursery
Problem **Low production due to use local seed in open condition**
Thrust Area: **Production Technology**
Thematic Area: **IGA**
Season: Rabi 2023
Farming Situation Homestead
Farmers Practice **Raising vegetable seedling in open condition**

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Vegetables	0.02 (10)	vegetable seedling raising under poly tunnel (Construction of low cost polytunnel (3X1X1) m supported by GI frames /bamboo, PVC pipe covered with 200-micron UV stabilized polythene of 35 mt2 . Seed treatment with Bavistin. Vegetable seeds like brinjal, Tomato, Cauliflower, Onion, Chilly etc to be grown	Mortality%, Yield, Economics	Iron polytunnel, Seed packet											10

Extension and Training activities under FLD:

Activity	Title of Activity	No	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Nursery raising of vegetables in poly tunnel	1	F/FW	1	OFF									30
Method Demo.	Nursery raising of vegetables in poly tunnel	1	F/FW	1	OFF									30
Publication	Nursery management of Vegetables	1												500

FLD-14 **Milky Mushroom cultivation for income generation (Calocybeindica) (Community Sc)**
Crop: Mushroom
Problem/Opportunity **Scope for new variety mushroom(ODOP)**
Thrust Area: **Production Technology**
Thematic Area: **IGA**
Season: Kharif 2023
Farming Situation Homestead
Farmers Practice **Paddy Straw mushroom cultivation**

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Milky Mushroom	10	R.P-Milky Mushroom (C*alocybeindica*) Casing with 2inch vermicompost	Pinhead appearance (Days), No of fruitings, BE (%), Yield & Economics	Mushroom Spawn, CaCo3, Casing material	10										10

Extension and Training activities under FLD:

Activity	Title of Activity	No	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Cultivation of milky mushroom	1	RY	2	On									20
Method Demo.	Cultivation of milk mushroom with casing	1	RY	1	On									20
Publication	Milk Mushroom cultivation (In Odia language)	1												500
Field Day	Cultivation of milk mushroom	1												40

FLD-15 **Demonstration on Production of paddy straw mushroom in threshed straw for income generation(Community Sc)**
Crop: Mushroom
Problem Non utilization of crumpled paddy straw after threshing in bullock cart/tractor/ combined harvester
Thrust Area: IGA
Thematic Area: Mushroom production
Season: Kharif- 2023
Farming Situation: Homestead/ backyard
Farmer's Practice :

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Paddy straw Mushroom	4 units 10bed/unit	Mushroom cultivation by using 5kg crumpled straw, pulse powder3%, spawn-3% soaking period 5 hrs with 2% CaCO3	Pin head initiation (Days), spawn run period(days),budwt in gm, BE(%),Yield, net income, BC ratio	Spawn, Straw, Pulse powder and polythene	660/unit	300/unit									30

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training1	Production of paddy straw mushroom for income generation	2	F&FW	2	Off									30
Method Demo	Post harvest management of paddy straw mushroom bed	2	F&FW	1	Off									30
Field day	Production of paddy straw	1	F&FW	1	0ff									40

FLD No – 16 **Demonstration on rearing of honey bee under TSP**
Crop: Honeybee
Thrust Area: IGA
Thematic Area: Production of Bee-colonies
Season: Rabi 2023
Farming Situation: Homestead
Farmer's Practice :

Sl.No	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Honeybee	10	Regular and periodic bottom board cleaning, maintaining healthy and populous colony ,regular and periodic dearth feeding, removal of old combs and allowing new comb construction, need-based brood comb alteration and need based colony union or division are recommended for scientific beekeeping with *Apis-ceranaindica*.		Bee Hive box, with colony, Smoker, Mask, Honey extractor, brush, and other ne	5000										10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Skill training on Bee-Keeping and rearing (TSP)	1	Rural Youth	5days	On	Jan 1st week									25
Method Demo	Installation of honey bee box	10	RY	1	Off	Nov 3rd week									25
Manual	BaigyanakapadhhatireMahumachhi Chas	1	F&FW, RY			4thwk of October									500
Field Day	Colony division in honey bee boxes	2	F&FW, RY	2	on	Feb1st week									40

FLD – 17 **Demonstration on Production of vermicompost for income generation under TSP (Soil Sc)**
Crop: Vermicompost
Thrust Area: Organic Farming
Thematic Area: Vermicomposting
Season: Kharif-2023
Farming Situation: Homestead

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
	Vermicompost	10	Demonstration of Vermicomposting, Recommended layer so for organic waste and cow dung in vermitank(using 4'diacementring. Release of earthworm @50nos/kg of organic waste.	Yield /tank (Kg) Net Income, B.C ratio	Earth-worm RCC Rings											30

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Scientific method of vermicompost production	1	F/FW	5	Off	Sept 1st wk									25
Training	Commercial vermicompost production	1	RY	5	On	Nov 2nd wk									15
Method Demo	Preparation of compost pit, collection of bi-products for decomposition	1	F/FW	5	Off	Sept 1st - 3rd wk									25
Pamphlet	Jiakhatachasa	500	F/FW	1		Sept 1st wk									500
Field Day		1				Feb 2nd wk									250

FLD –18 Demonstration of Pineapple in mango based Agroforestry system..
Crop: Pineapple
Problem Under utilization of inter space area of Mango plantation
Thrust Area: Agro-Forestry
Thematic Area: Forestry
Season: Kharif 2023-24
Farming Situation : Rainfed, Upland

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Pineapple	10 Nos	Pineapple suckers were planted in 60cm × 60cm in raised bed in mango orchard (7.5 mtr. × 7.5 mtr.spacing)	Trees and inter crop biometric yield, cost of cultivation of intercrop. B:C ratio												10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Planting techniques of Pineapple in mango orchard	1	F/FW	1	Off	October 1st wk									30
Method Demo	Planting techniques & Bed preparation for pineapple as intercrop	1	F/FW	1	Off	October 1st wk									10
Field Day	Evaluation of intercrops	1	F/FW	1	Off	November 4thwk									50

FLD No – 19 **Demonstration on Marigold (Bidhan Marigold-2) (Horticulture)**
Crop: Marigold
Thrust Area: IGA
Thematic Area: Production of Marigold
Season: Round the Year 2023-24
Farming Situation: Irrigated medium land

Sl. No	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Marigold	0.4	Cultivation of Bidhan Marigold-2, Spacing (60x45) cm, NPK(90:60:60)kg/ha **Source: AICRP on Floriculture,Annual Report-2015-16**	No of flowers/plant, Yield q/ha	Seedlings &fertiliser	Seedlings & seed treating chemicals										10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Nursery raising for Marigold	1	F/FW	1	Off	Sep 2023									30
Method Demo	Nursery raising for Marigold	1	F/FW	1	Off	Sep 2023									30
Field Day	Bidhan Marigold-2	1		1	Off	Dec 23									40
Leaflet	BaigyanakapadhhatireGendufula Chas	1	F&FW, RY			Dec 23									500

.

FLD No. -20 : Demonstration of Integrated Nutrient Management in Okra.**(Horticulture)**

Crop: Okra
Problem: Low yield due to Nutrient deficiency
Thrust Area: INM
Thematic Area: Nutrient deficiency in crops
Season : Kharif, 2023
Farming Situation : Rainfedupland, Vegetable–Vegetable

Sl. No.	Crop & variety/ Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Okra	1.0 ha (10 Nos)	Application of 150 kg. Nitrogen, 50 kg. Phosphorous, 75 kg. Potash, Azotobactor, Azospirilum, PSB @ 2.5 kg. each and soil application of borax 10 kg. per ha. **Source: OUAT, Annual Report: 2014-15**	Plant height(cm), no. of fruit/plant, weight of Fruit, Yield (q/ha), Net return (Rs/ha), B:C ratio	Azotobactor, Azospirilum, PSB											10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Use of Bio-fertilizers in Okra.	1	FW	1	Off	August 2023									30
Method Demo	Method of Application of Bio-fertilizer	1	FW	1	Off	August 2023									10
Field Day	Application of Bio-fertilizers in Okra	1	FW	1	Off	Oct. 2023									50

FLD No. -21 : Demonstration on Nutrient management in Pointed gourd**(Horticulture)**

Crop: Pointed gourd
Problem: Low yield due to Nutrient deficiency
Thrust Area: INM
Thematic Area: Nutrient deficiency in crops
Season : Rabi, 2023-24
Farming Situation : Irrigatedmedium land, Vegetable–Vegetable

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Pointed gourd	1.0 ha (10 Nos)	Bio-inoculation with Azotobacter+ Azospirillum+PSB(1:1:1) with NPK(40:80:40 kg/ha) **Source: OUAT, Annual Report: 2014-15**	Vine length(cm), fruit yield/plant, Yield (q/ha), Net return (Rs/ha), B:C ratio	Azotobacter ,Azospirillum, PSB											10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Date	No. of Participants								
							SC		ST		Other		Total		
							M	F	M	F	M	F	M	F	T
Training	Method of Application of Bio-fertilizers in Pointed gourd	1	FW	1	Off	Dec. 2023									30
Method Demo	Application of Bio-fertilizer	1	FW	1	Off	Dec.2023									10
Field Day	Bio-fertilizer application in Pointed gourd	1	FW	1	Off	March 2024									50

FLD No. -22 : Demonstration on Nutrient management in Cauliflower**(Horticulture)**
Crop: Cauliflower
Thrust Area: Small curd size and Browning
Thematic Area: Nutrient management
Season: Rabi-2023-24
Farming Situation: Irrigated medium land

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Cauliflower	1.0	Application of N-120 kg., P2O5 – 80 kg., K2O – 60 kg. per ha. with Foliar application of mixture of micronutrients involving Zn, Mo, Cu, Fe and Mn @ 100ppm thrice at 15 days intervals.**(Source: AICRP on Micronutrients, OUAT, (2017-18)**	Plant height (cm), curd diameter (cm), curd wt.(g), Yield (q/ha).	Micronutrients mixture											10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Demonstration of Micro-nutrient mixture in Cauliflower	01	F & FW	01	OFF									50
Training	Application of Micro-nutrient mixture in Cauliflower	01	F & FW	01	OFF									30

2. a) Seed and planting material productionby utilization of instructional farm (Crops / Enterprises)

Name of the Crop / Enterprise	Variety / Type	Period From…… to ……..	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (quintals)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Rice	Pratikshya	June to Dec 2023	1.5	FS	45.0	100,000	1,40,000	40,000
Mushroom Spawn (Paddy straw)	VolvariellaVolvaceae	May to Oct 2023			3000 nos			
Mushroom Spawn(Oyster)	H. umarius, P. sajorcaju	Oct to Feb 2023			3000 nos			
Vermiculture	Eiseniafoetida	Round the year			50kg			
Vegetable Seedlings/ Saplings	Papaya, Drumstick, Different flowers and seasonal vegetables	Round the year	0.009	Seedlings	1,00,000nos			
Vermicompost		Round the year	0.0134	Compost	200			
Mushroom	Paddy straw/Oyster	Round the year	0.01		50kg			
Poultry	Kadaknath, Aseel	Round the year	0.020	Brooded chick	1000			
Fish	IMC	Round the Year	0.4	Fish	3.0			

b) Village Seed Production Programme

Name of the Crop / Enterprise	Variety / Type	Period From…… to ……..	Area (ha.)	No. of farmers	Details of Production				
					Type of Produce	Expected Production(q)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)

3. Extension Activities

Sl. No.	Activities/ Sub-activities	No. of activities proposed	Farmers				Extension Officials			Total		
			M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
1.	Field Day	12										
2.	KisanMela	2										
3.	KisanGhosthi	2										
4.	Exhibition	4										
5.	Film Show	30										
6.	Method Demonstrations	30										
7.	Farmers Seminar	2										
8.	Workshop	2										
9.	Group meetings	35										
10.	Lectures delivered as resource persons	20										
11.	Advisory Services	60										
12.	Scientific visit to farmers field	134										
13.	Farmers visit to KVK	350										
14.	Diagnostic visits	18										
15.	Exposure visits	14										
16.	Ex-trainees Sammelan	2										
17.	Soil health Camp	2										
18.	Animal Health Camp	0										
19.	Agri mobile clinic	0										
20.	Soil test campaigns	2										
21.	Farm Science Club Conveners meet	2										
22.	Self Help Group Conveners meetings	2										
23.	MahilaMandals Conveners meetings	2										
24.	Celebration of important days (specify)	25										
25.	Sankalp Se Siddhi	0										
26.	Swatchta Hi Sewa	12										
27.	MahilaKisanDiwas	1										
28.	Any Other (Specify)	0										
	Total	765										

4. Revolving Fund (in Rs.)

Opening balance of 2022-23 (As on 01/04/.2022)	Amount proposed to be invested during Jan-Dec'23	Expected Return
364582	**5,00,000**	**8,00,000**

5. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)
OMBADC	**State Govt.**	**100**
DMF	**State Govt.**	**18.92**

6. On-farm trials to be conducted

OFT – 1 Assessment of Organic Inputs in Ragi

Season	Kharif 2023
Title of the OFT	Assessment of organic inputs in Ragi
Thematic Area	Organic Inputs in crops
Problem diagnosed	Low yield of aromatic rice due to no use of organic sources of nutrients and pesticides
Important Cause	Low yield of Ragi
Production system	Rice- fallow
Micro farming system	Rainfed lowland
Technology for Testing	Use of oganic inputs for production enhancement
Existing Practice	Only use of FYM and some fertilizer and pesticides
Hypothesis	Application of optimum sources of organic nutrients helps enhancing its yield
Objective(s)	To increase the yield of Ragi
i. Treatments:	
Farmers Practice (FP):	FYM @ 2t/ha, no fertilizer & pesticides
Technology option-I (TO-I):	Seed treatment with Bijamrut + Soil application of Jibamrut+ Spraying of Brahmastra
Technology option-II (TO-II):	Soil application of Sanjibak+Spraying of Neemastra
Critical Inputs	Seed treatment, Jivaamrut, Bijaamrut, Sanjeevak, Brahmastra and Neemastra
Unit Size	2 ha
No of Replications	7
Unit Cost	1000
Total Cost	7000
Monitoring Indicator	Initial and post harvest soil test value, No. of effective tillers /sq m, No of filled grain per panicle, 1000 grain weight (gm), Yield (q/ha) ,Economics
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	National centre for organic and natural farming, 2020-21

OFT -2Assessment of Nano-Urea liquid fertilizers in transplanted rice

Season	Kharif 2023-24
Title of the OFT	Assessment of nano urea liquid fertilizer in transplanted rice
Thematic Area	INM
Problem diagnosed	Low yield due to Improper use of urea fertilizer
Important Cause	Due to increased soil acidity through continuous urea application, and loss of applied urea through leaching and volatilization.
Production system	Rice- Greengram
Micro farming system	Rainfed-Medium land
Technology for Testing	Nano urea spaying in Transplanted paddy
Existing Practice	Soil application of prilled urea at the time of Transplanting, tillering and PI stages
Hypothesis	Nano urea liquid fertilizer will increase the nitrogen use efficiency and extent to saving 50 % of nitrogen.
Objective(s)	To increase the efficiency of urea through foliar application.
i. Treatments:	
Farmers Practice (FP):	Application of N:P: K(80:40:40) kg/ha
Technology option-I (TO-I):	50 % recommended N + 100 % P and K as basal application and two sprays Nano urea @ 0.2 % tillering and PI stage
Technology option-II (TO-II):	75 % recommended N + 100 % P and K as basal application and two sprays Nano urea @ 0.2% at tillering and PI stage
Critical Inputs	Nano Nitrogen (40000ppm)
Unit Size	2 ha
No of Replications	7
Unit Cost	1000
Total Cost	7000
Monitoring Indicator	Initial and post harvest soil test value No. of effective tillers /sq m, No. of filled grain per panicle, 1000 grain weight (gm), Yield (q/ha) , Economics
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	Annual Report (IFFCO Project) 2020-21, AAU, Annual report 2019-20

OFT-3 Assessment of Herbicides in Pigeon pea

Season	Kharif 2023-24
Title of the OFT	Assessment of Herbicides in Pigeon pea
Thematic Area	Weed Management
Problem diagnosed	Loss of Yield
Important Cause	Yield loss due to high weed infestation
Production system	Pigeonpea - fallow
Micro farming system	Rainfed-Upland
Technology for Testing	Introduction of some new herbicides
Existing Practice	Hand weeding at
Hypothesis	Spraying of Herbicides like pendimethalin, imazethapyr helps the farmers to reduce weed population bellow ETL & at the same time helps to increase the yield of Pigeonpea
Objective(s)	• To evaluate new generation herbicides for weed management in maize
i. Treatments:	
Farmers Practice (FP):	Hand weeding at 40 -45 DAS
Technology option-I (TO-I):	Pre-emergence application of Pendimethalin 30 EC @ 0.75 kg a.i./ha at 3 DAS followed by hand weeding at 50 - 60 DAS
Technology option-II (TO-II):	Pre-emergence application of Pendimethalin 30EC @ 0.75 kg a.i./ha at 3 DAS followed by post-emergence application of Imazethapyr 10 SL @ 100 g a.i./ha
Critical Inputs	Pendimethalin, Imazethapyr
Unit Size	1 ha
No of Replications	7
Unit Cost	Rs. 1,500/-
Total Cost	Rs. 10,500/-
Monitoring Indicator	No. of Weeds /m^2 Weed control efficiency, No. of cobs per plant, Cob length, Seeds/Cob. Test weight (g), Yield q/ha and Economics.
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	SLREAC Report, OUAT-2020-21

OFT – 4 Assessment of Decomposer for in-situ residue management in Rice

Season	Pre-rabi 2023-24
Title of the OFT	Assessment of Decomposer for in-situ residue management in Rice
Thematic Area	ICM
Problem diagnosed	Residue burning causes environmental pollution as well as decreasing soil microbial properties.
Important Cause	
Production system	Rice –Greengram/Blackgram
Micro farming system	Rainfed medium land
Technology for Testing	PUSA and NRRI paddy straw decomposer
Existing Practice	Harvesting of rice in combine harvester and burning of residue in the field.
Hypothesis	NRRI microbial consortium containing Three microbial strains *Aspergillusawamori* (NRRICPD- COMF5), *Trichodermaviridi* (NRRI-CPD-COMF6) and *Streptomyces sp* (NRRI-CPD-COMA4) decomposes within 45 days of application. PUSA decomposer is a mix of seven fungi strains that produce enzymes to digest cellulose, lignin and pectin in paddy straw. It decomposes within 30 days of application.
Objective(s)	• To find out suitable paddy straw decomposer
i. Treatments:	
Farmers Practice (FP):	Harvesting of rice in combine harvester and burning of residue in the field.
Technology option-I (TO-I):	NRRI decomposer @ 10 capsules in 100lit of water with 2 % jaggery solution for 1 ha.
Technology option-II (TO-II):	PUSA decomposer @ 4 capsules in 25 lit of water with 2 % jaggery solution and pulse powder for 1 ha.
Critical Inputs	NRRI and PUSA decomposer capsules
Unit Size	1 ha
No of Replications	7
Unit Cost	Rs.500
Total Cost	Rs 3500
Monitoring Indicator	Period of decomposition, Rate of decomposition, Cost of Intervention. Soil organic matter content(Before and After), Ease of cultivation (1-5 Scale), Yield of Greengram
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	ICAR-NRRI, 2021, ICAR- IARI, 2020

OFT No.: 5 Assessment of the performance of FPOs with varied levels of task and commodity to enhance income

Season:	:	Karif/Rabi/Zaid-Summer 2023-24
Title of the OFT:	:	Assessment of the performance of FPOs with varied levels of task and commodity to enhance income (2nd Year)
Thematic Area:	:	Market aggregation
Problem diagnosed:	:	Unorganized farmers fetching low price due to distress sale of farm produce
Important Cause:	:	Distress sale of farm produce and low pricerealisation
Production system:	:	Vegetable-vegetable-vegetable, Rice-pulses
Micro farming system:	:	Irrigated, Rainfed
Technology for Testing:	:	FPO based marketing
Existing Practice:	:	Sale of produce thorugh intermediaries
Hypothesis:	:	Community pooling of daily small volume of farm produce help small farmers in selling of their every produce, FPOs are an answer to community marketing and distress
Objective(s):	:	To assess the most profitable marketing channel by which the FPO can sustain
Treatments:	:	
Farmers Practice (FP)	:	Farmers marketing their produce through intermediaries
Technology option-I (TO-I)	:	FPO dealing with single commodity with multi-task i.e., Vegetable-sorting, grading, packing, branding and marketing
Technology option-II (TO-II)		FPO dealing with multi-commodity with single task i.e., Pulses, Vegetable, Enterprises-Marketing
Technology option-III (TO-III)		FPO dealing with multi-commodity with multi-task i.e., Pulses, Crops Vegetable, Enterprises- sorting, grading, packing, value addition, branding, leveling and marketing
Critical Inputs:	:	
Unit Size:	:	4 FPOs
No of Replications:	:	1
Unit Cost:	:	1000
Total Cost:	:	1000
Monitoring Indicator:		Easy to produce (Score out of 10) Easy to sell (Score out of 10) Farmers interest to become a member (Score out of 10) Business planning and market linkage with various national and international companies (Score out of 10) Share capital contributed (Score out of 10) Total share capital deposited in the bank No of FIGs No of members Meeting status Type of commodity Volume of commodity Annual turnover Annual profit
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	:	

OFT No.: 6 Assessment of effectiveness of different mobile apps in delivering agricultural information to farmers

Season:	:	Karif/Rabi/Zaid-Summer 2022-23
Title of the OFT:	:	Assessment of effectiveness of different mobile apps in delivering agricultural information to farmers
Thematic Area:	:	ICT
Problem diagnosed:	:	Multiplicity of apps in agri-cultural information delivery creates confusion among farmers about their effectiveness
Important Cause:	:	Similar app create confusion among farmers
Production system:	:	Homestead
Micro farming system:	:	Homestead
Technology for Testing:	:	Selection of appropriate app from a plethora of similar apps
Existing Practice:	:	Information provided from various apps, websites, peer groups, input dealers, extension functionaries, mass media, and kma
Hypothesis:	:	Multiplicity of mobile apps create confusion among farmers providing distorted information on the same subject.
Objective(s):	:	To assess the most profitable marketing channel by which the FPO can sustain
Treatments:	:	
Farmers Practice (FP)	:	Farmers getting information from various pft. Apps & websites besides peer group, input dealers, extension functionaries, Mass media, KMA
Technology option-I (TO-I)	:	KisanSuvidha, GoI, 2016
Technology option-II (TO-II)	:	PusaKrishi, IARI, 2016
Technology option-I (TO-III)		IFFCO-KISAN, IFFCO,2015
Critical Inputs:	:	Questionnaire based survey
Unit Size:	:	60
No of Replications:	:	1
Unit Cost:	:	1000
Total Cost:	:	1000
Monitoring Indicator:	:	Understanding of the message, time based information, suitability of the information, User friendliness, retention of the message, User credibility, % of adoption & adoption quotient
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	:	

OFT No 7.-: Assessment of the improved techniques for cultivation of Paddy straw mushroom (Volvariellavolvacea) using crumpled straw for yield enhancement

Season:	:	Kharif 2023
Title of the OFT:	:	Assessment of the improved techniques for cultivation of Paddy straw mushroom (Volvariellavolvacea) using crumpled straw for yield enhancement
Thematic Area:	:	Production Technology
Problem diagnosed:	:	Low yield from Paddy straw Mushroom from crumpled straw
Important Cause:	:	Improper use of paddy straw
Production system:	:	Backyard
Micro farming system:	:	Backyard
Technology for Testing:	:	
Existing Practice:	:	
Hypothesis:	:	TO1 –Seeding the beds with 14- 20 days old spawn with well developedchlamydospores contributed for significantly higher yields, Biological Efficiency- 12 -15% TO2 – Seeding the beds with 14- 20 days old spawn contributed for significantly higher yields, Homogenous moisture level and bed temperature between layers leads to more pin heads and buttons with increase in yield, Biological Efficiency- 18-20%
Objective(s):	:	To assess the suitable improved technology for cultivation of paddy straw using threshed straw for yield enhancement
Treatments:	:	
Farmers Practice (FP)	:	Rectangular compact method Size-45x60x30,Mushroom production by using crumpled paddy straw -5kg with normal practice (soaking in water 5hrs with 2% calcium carbonate), unknown age of spawn, 3% of dry substrate weight), pulse powder 3% dry substrate weight, BE-8-10%
Technology option-I(TO-I)	:	Square compact bed size (30 × 30 x 45 cm),Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and coarsely ground horse gram powder (at 2% dry substrate weight)
Technology option-II (TO-II)	:	Circular compact bed size -(45 cm diameter, 30 cm height) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and coarsely ground horse gram powder (at 2% dry substrate weight)
Critical Inputs:	:	Straw, Spawn, Pulse powder, $CaCo_3$
Unit Size:	:	10+10
No of Replications:	:	13
Unit Cost:	:	1400
Total Cost:	:	9800
Monitoring Indicator:	:	Average weight/button (g),Pin head appearance (days), Biological efficiency (%),Yield (Kg/bed), B:C ratio
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	:	Department of Plant Pathology, Tamil Nadu Agricultural University, Coimbatore-2012

OFT –8Assessment of Arka Mushroom Nutri-Cereal Cookies for enhancing income of SHGs/FPOs

Season	Rabi-2023-24
Title of the OFT	Assessment of Arka Mushroom Nutri-Cereal Cookies for enhancing income of SHGs/FPOs
Thematic Area	Value addition
Problem diagnosed	Limited value addition and distress selling
Important Cause	Consumer Demand
Production system	Homestead
Micro farming system	Homestead
Technology for Testing	
Existing Practice	Using as khiri
Hypothesis	Both mushrooms and millets are well known for their culinary medicinal properties. Development of mushroom millet cookies is a step towards blending the nutritional goodness of mushrooms and millets for better taste and nutrition. This technology can also help in the development of entrepreneurship through the production of these products
Objective(s)	To meet the nutritional security
i. Treatments:	
Farmers Practice (FP):	Preparation of Cookies from refined wheat flour
Technology option-I (TO-I):	Preparation of Arka Mushroom Nutri-Cereal Cookies- Oyster mushroom (*Hypsizygusulmarius*) powder in combination with sorghum/jowar Powder.
Technology option-II (TO-II):	Preparation of Arka Mushroom Nutri-Cereal Cookies- Oyster mushroom (Hypsizygusulmarius) powder in combination with finger millet
Critical Inputs	Oyster mushroom, Millet powder(Shorgum/Jowar/Finger millet)
Unit Size	3 SHG
No of Replications	7
Unit Cost	-
Total Cost	
Monitoring Indicator	Shelf life(days), Sensory Evaluation (0-9 point hedonic scale), Gross cost (Rs.), Gross Return(Rs.),B:C ratio
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	**IIHR ANNUAL REPORT 2021**

OFT -9 Assessment of foliar application of micronutrient in Bittergourd

Season	Kharif 2023
Title of the OFT	Assessment of foliar application of micronutrient in Bittergourd
Thematic Area	INM
Problem diagnosed	Small size and deformed fruits
Important Cause	Due to non-availability of micro nutrients to plants, Small size and deformed fruits are obtained.
Production system	Vegetables-Vegetables
Micro farming system	Rainfed-up land
Technology for Testing	Foliar application of micronutrient in Bittergourd
Existing Practice	Soil application of NPK fertilizers only
Hypothesis	Foliar application of micronutrient in Bittergourd will increase the fruit size and reduce the deformity of fruits.
Objective(s)	To increase the fruit size and reduce the deformity of fruits.
ii. Treatments:	
Farmers Practice (FP):	Application of N:P: K@80:40:40 kg/ha
Technology option-I (TO-I):	Foliar application of mixture of nutrients involving Zn, Mo, Cu, Fe &Mn(100 ppm each)
Technology option-II (TO-II):	Combined foliar application of micronutrients B and Zn @ 100 ppm each
Critical Inputs	Mixture of micro-nutrients
Unit Size	0.4 ha
No of Replications	7
Unit Cost	500
Total Cost	3500
Monitoring Indicator	Weight of Fruit, No. of fruit/Plant, Yield (q/ha), Net return (Rs/ha), B:C ratio
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	OUAT, Annual Report, 2014-15, IIVR, Annual Report, 2017-18

OFT -10 Assessment of different growing media for raising seedlings in portrays.

Season	Rabi,2023-24
Title of the OFT	Assessment of different growing media for raising seedlings in protrays.
Thematic Area	Production of Quality Planting materials
Problem diagnosed	Poor quality of seedlings and high mortality
Important Cause	Due to poor nutrition and Damping off
Production system	Vegetables-Vegetables
Micro farming system	Irrigated-up land
Technology for Testing	Different growing media for raising seedlings in protrays.
Existing Practice	Raising of seedlings in nursery bed.
Hypothesis	Raising of seedlings in Protrays will produce good quality seedlings with less mortality
Objective(s)	To produce good quality seedlings with less mortality
i. Treatments:	
Farmers Practice (FP):	Raising of seedlings in nursery bed.
Technology option-I (TO-I):	Raising seedlings in portray with Cocopeat
Technology option-II (TO-II):	Raising seedling with 75% cocopeat +25% FYM enriched with neem cake and biopesticides (T. viride, P. flouroscence@2kg each in 200kg neem cake mixed with 600kg FYM) in portrays.
Critical Inputs	Protrays, Cocopeat, neem cake and biopesticides
Unit Size	10 nos. each
No of Replications	7
Unit Cost	1000
Total Cost	7000
Monitoring Indicator	Ht. of seedlings(cm), leaf area (cm2), Germination %. Mortality %, No. of Seedlings/10 trays, income per ha .
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	Source: CIWA, 2015 Source: TNAU, 2019

10. List of Projects to be implemented by funding from other sources (other than KVK fund)

Sl. No.	Name of the project	Fund expected (Rs.)
1	Capacity building, skilling, agro-enterprises & entrepreneurship development Funded by OMBADC	**83,00,000**
2	**ASCI (Training "Nursery Grower")**	**3,08,500**

11. No. of success stories proposed to be developed with their tentative titles : 2

1. **Vermicomposting new avenues for tribal WSHGs**
2. **Collective marketing of farm produce through FPOs by small & marginal farmers**

12. Scientific Advisory Committee

Date of SAC meeting held during 2022	Proposed date during 2023
16/12/2022	**December'2023**

13. Soil and water testing

Details	No. of Samples	No. of Farmers									No. of Villages	No. of SHC distributed
		SC		ST		Other		Total				
		M	F	M	F	M	F	M	F	T		
Soil Samples	1000										45	1000
Water Samples												
Other (Please specify)												
Total	1000										45	1000

14. Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.)	Expected fund requirement (Rs.)
KVK Contingency	10,50,000	12,00,,000
Tribal Sub Plan (TSP)	10,00,000	12,00,000
HRD	30,000	40,000
TA	1,20,000	1,50,000
Non-Recurring		
1). Furniture & Equipment	1,27,000	
2). Library	10,000	
3). Vehicle (New Tractor)	7,50,000	
4) Works		
Farmers Hostel 1st Installment	30,00,000	30,00,000
Storage Godown	4,97,000	
Bore well & Irrigation System	6,30,772	
Irrigation System	4,00,000	
SCHEMES		
1). CFLD Oilseed (Sesame) -Kharif	1,00,000	1,20,000
2). CFLD Pulses (Greengram) -Rabi	90,000	1,20,,000
3) ASCI (Small Mushroom Grower)	2,41,700	
4) Swachhata	17,250	20,000
5) GaribKalyan	2,706	
6) KissanBhagidari	97,951	
7) Agri-startup Conclave & PM KisanSammelan	20,322	
8) Scientific Bee Keeping	1,65,250	
TOTAL	**79,51,379**	
Total		

15. Every KVK should bring a brief write-up supported by quality photographs about the technology having wide acceptability among the farming community of the district with factual data