ACTION PLAN 2025-26

ACTION PLAN(APRIL2025- MARCH-2026)

1. Name of the KVK: Sundargarh-1

Address	Telephone		E mail
At/P.o – Kirei, Sundargarh-770073, Odisha	06622	295264	kvksundargarh1.ouat@gmail.com

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

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

3.Training programme to be organized (APRIL 2025- MARCH-2026)

(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
Soil Science															
1.	Soil and Water Testing	Importance of soil testing & balanced fertilizer application in crops	1	1	Off Campus	July 2025									30
2.	Micro-nutrient deficiency	Micro & secondary nutrient application in Rice	1	1	Off Campus	July 2025									30
3.	Problematic soil mgt	Mgt of acid soil	1	1	Off Campus	November 2025									30
4.	INM	INM in Maize	1	1	Off Campus	November 2025									30
5.	INM	Nutrient Management in Ragi	1	1	Off Campus	August 2025									30
6.	INM	INM in Sugarcane	1	1	Off Campus	August 2025									30
7.	INM	INM in Pulses (Greengram&Blackgram)	1	1	Off Campus	November 2025									30
8.	INM	INM in groundnut	1	1	Off Campus	January 2026									30
9.	Preparation of organic Inputs	Preparation of quality compost from agricultural	1	1	Off Campus	February 2026									30

		waste													
10.	Bio-fertilizer production	Production technology for raising Azolla nursery	1	1	Off Campus	December -2025									30
11.	Nutrient management	Soil health mgt. under Natural Farming	1	1	Off Campus	October 2025									30
12.	Nutrient management	INM in Solanaceous crop	1	1	Off Campus	October 2025									30
13.	Nutrient management	Use of bio-fertilizer in special reference to organic farming in vegetable crops	1	1	Off Campus	November 2025									30
14.	INM	Nutrient management in Crops under rice – fallow situation	1	1	Off Campus	October 2025									30
Agronomy															
15.	ICM	Integrated crop management in DSR	1	1	Off Campus	July 2025									30
16.	Nursery Management	Nursery management of Paddy	1	1	Off Campus	July 2025									30
17.		Training for input dealers													
18.	IWM	Importance of weed management in Pigeon Pea	1	1	Off Campus	August 2025									30
19.	ICM	Agronomic package and practices for Sesamum	1	1	Off Campus	August 2025									30
20.	IPM	Integrated pest management in Rice	1	1	Off Campus	August 2025									30
21.	IDM	Management of wilt complex in Chilli	1	1	Off Campus	September 2025									30
22.	IPM	Weed management in Green/Black gram	1	1	Off Campus	September 2025									30
23.	IPM	Disease and Pest management Finger millet	2	1	Off Campus	September 2025									30

24.	IPM	Management of BPH in Rice	1	1	Off Campus	October 2025									30
25.	ICM	Scientific method of mustard cultivation	1	1	Off Campus	October 2025									30
26.	IPM	Management of fall army warm in maize	1	1	Off Campus	November 2025									30
27.	IDM	Management of wilt complex in Brinjal	1	1	Off Campus	November 2025									30
28.	IPM	IPM in Rabi Vegetables	1	1	Off Campus	Dec 2025									30
29.	ICM	Management of rice fallow area	1	1	Off Campus	Dec 2025									30
30.	IWM	Weed management in Onion	1	1	Off Campus	January 2026									30
Community Sc															
31.	IGA	Production technology of Paddy straw mushroom in threshed straw for Income generation	1	1	Off campus	July-25									30
32.	Nursery management	Raising of quality seedlings through low cost polytunnel	1	1	Off campus	September 25									30
33.	Household food security by nutritional gardening	Planning and Lay-outing of model nutri garden	1	1	Off campus	October-25									30
34.	IGA	Production technology of Oyster mushroom in threshed straw for Income generation	1	2	Off campus	Nov-25									30
35.	Post harvest mgt.	Post-harvest management of Oyster Mushroom Beds	1	1	Off Campus	November 2025									30
36.	Farm implements for Comfort Elevation of farm women	Use of small tools and farm implements for Comfort elevation of farm women	1	1	Off campus	January-26									30

37.	Storage loss minimization	Different structure and methods to minimize the storage losses	1	1	Off campus	Feb-26									30
Agricultural Extension															
38.	Mobilization of social capital	Formation and management of FPOs	1	1	Off campus	July, 2025									30
39.	leadership management	Formation of groups for aggregation and marketing of village produce	1	1	Off campus	August, 2025									30
40.	Farm mechanization	Operation and maintenance of Farm tools and implements	1	1	Off campus	September, 2025									30
41.	Marketing	Various marketing opportunities & production planning in vegetables	1	2	Off campus	October, 2025									30
42.	Micro irrigation systems of orchards	Layout, fitting &mgt of drip irrigation in Orchard	1	1	Off campus	November 2025									30
43.	Marketing	Formation of groups for aggregation and marketing of village produce	1	1	Off campus	December, 2025									30
44.	Poultry management	Scientific rearing of backyard poultry	1	1	Off campus	October 2025									30
45.	ITK	ITK in Rice	1	1	Off campus	August 2025									30
46.	Vaccination	Vaccination schedule for poultry	1	1	Off campus	January, 2026									30
Horticulture															
47.	IGA	Improved package of practices of Tuberose	1	1	Off campus	June,2025									30
48.	Nutrient management	Foliar application of Micro-nutrients	1	1	Off campus	July,2025									30

		in Bittergourd													
49.	INM	Integrated Nutrient Management in Okra	1	1	Off campus	July,2025									30
50.	Varietal evaluation	Garlic varieties with their Characteristics	1	1	Off campus	August, 2025									30
51.	INM	Integrated Nutrient Management in Garlic	1	1	Off campus	November 2025									30
52.	Nutrient management	Methods of Application of Arka Microbial Consortium in Chilli	1	1	Off campus	October 2025									30
53.	Varietal Evaluation	Improved package of practices of Onion in late Kharif	1	1	Off campus	September, 2025									30
54.	Nursery raising	INM practices in Marigold	1	1	Off campus	October, 2025									30
55.	Natural Farming	Principle & Practices of Natural Farming in vegetables	1	1	Off campus	October 2025									30
56.	ICM	Improved package of practices of Strawberry cultivation	1	1	Off campus	November 2025									30
57.	INM & IPDM	INM & IPDM in Guava	1	1	Off campus	November, 2025									30
58.	INM	Integrated Nutrient Management in Brinjal	1	1	Off campus	November, 2025									30
Forestry															
59.	Nursery Mgt.	Preparation of forest planting Material	1	1	Off campus	July 2025									30
60.	Plantation	Mgt of Plantation crops	1	1	Off campus	August 2025									30
61.	Agro-Forestry	Practicing of alley cropping system	1	1	Off campus	August 2025									30
62.	Agro-Forestry	Preparation of different agro-	1	1	Off	September 2025									30

		forestry model			campus										
63.	Agro-Forestry	Forest based IFS system	1	1	Off campus	September 2025									30
64.	Agro-Forestry	Multi-stored system in agro-forestry	1	1	Off campus	October 2025									30
65.	NTFP	Collection & Value addition of NTFP	1	1	Off campus	October 2025									30
66.	NTFP	Lac cultivation in Kusumi&Palash Tree	1	1	Off campus	November 2025									
67.	Honey Bee	Floral Mgt for Honey Bee cultivation	1	1	Off campus	December 2025									30

(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.	Value addition	Value addition of NTFP	1	5	On campus	June-2025									20
2.	Entrepreneurship development	Commercial mushroom production	1	5	ONC	July, 2025									20
3.	Production of organic Inputs	Techniques of Vermiculture& Vermicomposting	1	5	On campus	August 2025									20
4.	Production of Organic inputs	Preparation of Bio-inputs for Organic & Natural farming	1	3	On campus	November .2025									20
5.	Value addition	Processing and value addition of Millet	1	2	On campus	Dec2025									20
6.	Entrepreneurship development	Mushroom production for sustainable enterprise	1	5	ONC	November, 2025									20
7.	Value addition	Value addition of Mushroom	1	5	On campus	Dec-2025									20
8.	Apiculture	Scientific rearing of Honey bee	1	5	On campus	February 2026									20
9.	IGA	Entrepreneurship development through Nursery business	1	5	On campus	October 2026									20
10.	IGA	Propagation of fruit crops using grafting & budding techniques	1	5	On campus	March 2026									20
11.	Farm Mechanization	Operation and management of Farm Implements	1	5	On campus	Dec-2025									
12.	Entrepreneurship development	Commercial poultry farming for meat production	1	5	On campus	October. 2025									20
13.	IFS	Integrated Farming System for livelihood security	1	2	On campus	Nov.025									20
14.	Marketing	Different avenues for marketing of Agricultural produce	1	3	On campus	February 2026									20

Extension functionaries

Sl No	Thrust area/ 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.	INM	Recent advances in soil health mgt	1	2	On campus	Dec. 2025									25
2.	INM	Soil related constraints & their amelioration for sustainable crop production	1	2	On campus	Feb-2026									25
3.	ICT	Application of new media in extension	1	2	On campus	January 2026									20
4.	Leadership Development	Motivational and communication skills for extension personnel	1	2	On campus	Nov 2025									20
5.	IWM	Prospect of Annual planning of weed pest management	1	1	On campus	September 2026									20
6.	Pest Management	Safe use of pesticides	1	1	On campus	January 2026									20
7.	Pest Management	Recent advances in Pesticide industry	1	2	On campus	Feb-2026									20
8.	IGP	Empowering Women Farmers: Advanced Techniques for Sustainable Agriculture	1	2	On campus	Nov2025									
9.	Sustainable Crop production	Principles and Practices of Natural farming in vegetable crops	1	2	On campus	December,2025									20
10.	Climate Smart Horticulture	Climate resilient vegetable crops & their package of practices	1	2	On campus	January, 2026									20

(c) Sponsored training (Capacity Buiding/Skill development)under CBSAE Development Project

Sl No	Thrust area/ 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 Vermi-compost production	3	15	On campus	August, October Feb-26									60
2.	Entrepreneurship development	Scientific rearing of honey bee	2	10	On campus	April-25& March-2026									40
3.	Entrepreneurship Development	Commercial mushroom cultivation	2	10	On campus	July & October -25									40
4.	Value addition	Value addition of NTFP	1	5	On campus	July-2025									20
5.	Entrepreneurship development	Fish Production with IMC culture	1	5	On campus	August 2025									20
6.	Entrepreneurship development	Nursery raising of Vegetables	1	5	On campus	October 2025									20
7.	Entrepreneurship development	Scientific Brooding & Rearing of poultry	1	5	On campus	October 2025									20
8.	Entrepreneurship development	Mushroom Spawn production	1	5	On campus	Nov 2025									
9.	Entrepreneurship development	Commercial poultry production	1	5	On campus	Nov.2025									20
10.	Value addition	Value addition of Mushroom	1	5	On campus	Dec-25									20
11.	Entrepreneurship development	Fish production in Bio-flock system	1	5	On campus	Jan-2026									20
12.	Entrepreneurship development	Quality Planting Material production	1	5	On campus	Dec 2026									20
13.	Entrepreneurship development	Propagation of Fruit crops using grafting & budding techniques	1	5	On campus	February 2025									20
14.			17												340

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

Farmers and Farm women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	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	2												60
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)	1												30
TOTAL	**15**												**450**
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													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation	1												30
Integrated Nutrient Management	10												300
Production and use of organic inputs	1												30
Management of Problematic soils	1												30
Micro nutrient deficiency in crops	1												30

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nutrient Use Efficiency													
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	3												90
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													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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	7												210
Nursery management	1												30
Integrated Farming Systems	1												30
TOTAL	9												270
XII. Others (Pl. Specify)													
TOTAL													

Rural youth

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping	1												20
Integrated farming	1												20
Seed production	1												20
Production of organic inputs													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
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													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
TOTAL													

Extension functionaries

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management	2												40
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													

Information networking among farmers													
Capacity building for ICT application													
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 demonstration to be conducted 2025-26

FLD No. -1 : **Demonstration of Zn & B application in transplanted rice (3rd Year)**
CODE : **23FSS01(K)**
Crop: Rice
Problem: Low yield due to Boron & Zn deficiency in Soil
Thrust Area: INM
Thematic Area: Micro nutrient deficiency in crops
Season : Kharif, 2025
Farming Situation : Irrigated medium land, Rice -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	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	July2025									30
Method Demo	Application of Micronutrients	1	FW	1	Off campus	July 2025									10
Field Day	**Zn & B application in transplanted rice**	1	FW	1	Off campus	Nov 2025									50

FLD No. - 2 : **Demonstration of INM in Maize (New)**
CODE : 25FAG11(R)
Crop: Maize
Problem: Low yield of Maize due to imbalanced use of fertilizers, acidity & Micro-nutrient deficiency in soil.
Thrust Area: INM
Thematic Area: INM
Season : Rabi, 2025-26
Farming Situation : Irrigated medium land, Maize-Vegetables

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	**2.0 ha (10 Nos)**	**FP** : Application of 100-60-40 kg/ha only **RP** : STBF +Borax@ 10kg/ha+ZnSO4@25kg/ ha+ Lime@ 0.1 LR +FYM@ 5t/ha	Initial and post harvest soil test value, Plant height in cm, cob length in cm, cob wt. test wt(gm), Yield (q/ha) , Economics	Borax(10.5% B) ZnSO4(21% Zn) CaCO3(lime)											**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 Maize	1	FW	1	Off	July'2025									30
Method Demo	Application of Micronutrients& lime	1	FW	1	Off campus	July '2025									10
Field Day	**INM in Maize**	1	FW	1	Off campus	Oct' 2025									50

FLD No. - 3 : **Demonstration of Sulphur application in sugarcane (New)**
CODE : 25FAG26(KR)
Crop: Sugarcane
Problem: Low yield & Quality of Sugarcane due to Imbalance use of Fertilizers and Sulphur deficiency in soil.
Thrust Area: Balanced use of Nutrients
Thematic Area: INM
Season : Kharif/Rabi, 2025-26
Farming Situation : Irrigated medium land, Sugarcane

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	Sugarcane	**2.0 ha (10 Nos)**	FP: NPK 250-100-60 kg/ha Demo: STBF +60 kg Sulphur/ha	Initial and post harvest soil test value, Plant height in cm, Single cane wt, Stalk girth, No of internodes per stalk, Cane Yield (t/ha) , Economics	BentoniteSulphur											**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 Sugarcane	1	FW	1	Off	August'2025									30
Method Demo	Application of Sulphur	1	FW	1	Off campus	July '2025									10
Field Day	**Sulphur application in sugarcane**	1	FW	1	Off campus	Feb' 2026									50

FLD No. - : 4 **Demonstration on combined nutrient spray in summer Groundnut (3rd Year)**
CODE : **23FAG17(S)**
Crop: Groundnut
Problem: Low yield of Groundnut due to poor pod filling and poor nutrient management
Thrust Area: INM
Thematic Area: INM
Season : Summer, 2026
Farming Situation : Irrigated medium land : 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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
	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, 2026									30
Method Demo	Preparation of Nutrient solution and spraying techniques	1	FW	1	Off campus	February 2026									30
Field Day	Combined nutrient spray on Groundnut	1	FW	1	Off campus	March, 2026									50

FLD No – 5 : Demonstration on IWM in pigeon pea
Code 25FAG15(K)
Crop: Pigeon Pea
Thrust Area: Integrated weed management in Pigeon pea
Thematic Area: ICM
Season: Kharif-2025
Farming Situation : Rainfed Up Land
Farmers Practice : Hand Weeding at 30 & 60 DAS

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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Pigeon Pea	2 ha	Application of Pendimethalin 30 EC@ 2500ml/ha (pre) fbPropaquizafop 2.5 % + Imazethapyr 3.75% @2000ml/ha (PoE) at 25 DAS fb one hand weeding at 50 DAS	Yield (q/ha)Net Income, 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	Importance of weed management in Arhar	1	FW	1	Off	2nd week July									30
Method Demo	Application of Herbicides	1	FW	1	Off	3rd week July									10
Field Day	Field day on weed management in Pigeon Pea	1	FW	1	Off	3rd week December									50

FLD No – 6: Demonstration on ICM in direct seeded rice
CODE : 24FAG06(K)
Crop: Rice
Problem: Low yield due to high weed infestation
Thematic Area: Weed Management
Season: Kharif-2025
Farming Situation : Rainfed medium Land
Farmers Practice: Beushening at 40 DAS

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	Mechanical sowing + Pre-emergence application of pyrazosulfuron ethyl @ 200g/ha followed by post-emergence Fenoxaprop - ethyl + ethoxysulfuron @1300 +120ml/ha at 25 DAS	Weed count/m^2 , No. of Effective tillers/m^2 , Filled grain /panicle, Test weight, Yield & Economics	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 DSR	1	FW	1	Off	2nd week July									30
Method Demo	Mechanical sowing with seed cum fertilizer drill	1	FW	1	Off	1th week July									10
Method Demo	Application of herbicides	1	FW	1	Off	1st&3rd week July									10
Field Day	Demonstration on ICM in direct seeded rice	1	FW	1	Off	4th week of November									50

FLD NO-7 : **Demonstration on Toria variety-Sushree (Agronomy)**
CODE : 23FAG34(R)
Crop: Toria
Problem: Low yield due to use of local cultivar
Thematic Area: Varietal evaluation
Season: Rabi-2025-26
Farming Situation: Irrigated medium Land
Farmers Practice: Use of Hybrids

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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Toria	2.0	Toria var. Sushree (Seed inoculation with Azotobactor; PSB along with 50-25-25NPK/ha along with application of 25 kg $ZnSo_4$ and 1 kg B per ha)	Plant/m^2, No. of capsule/plant, No. of seeds/capsule, test weight, yield, harvest index, economics	Seed, Biofertilizer and micronutrient											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	Improve Package & practices of Toria	1	FW	1	Off	2nd week of October									30
Method Demo	Application of herbicide	1	FW	1	Off	4thweek of October									10
Method Demo	Calibration of sprayer	1	FW	1	Off	3rdweekof October									10
Field Day	Field Day on demonstration on Toria variety-Sushree	1	FW	1	Off	4th week of December									50

FLD NO-8 : Demonstration on weed management in onion
CODE : 25FAG27(R)
Crop: Onion
Thrust Area: Weed Management
Thematic Area: IWM
Season: Rabi 2025-26
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	Onion	2.0	**FP**: Two Hand weeding at 25 & 45 DAT **Demo**: Application of Oxyfluorfen @ 50 g/ha as PE fbQuizalofop-p-ethyl + Oxyfluorfen (RM) @100 g/ha as PoE (25 DAT)	Weed Biomass (g/m^2) at 15 & 30 DAT, Average weight of bulb (g), Marketable bulb yield (t/ha), Total bulb yield (t/ha), Net Income, B:C ratio	Herbicides											**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 Weed Management in Onion	1	F/FW	1	4th week of October	Off									30
Field Day	Field day on Weed Management in Onion	1	F/FW	1	2nd week of January	Off									50
Method Demonstration	Application of herbicides	1	F/FW	1	4th wk of November	Off									10

FLD No. -9 : **Demonstration on Foliar Application of Micro-nutrient in Bitter gourd (New)**
Code: 25FHO05(K/R)
Crop: Bittergourd
Problem: Small size and deformed fruits
Thrust Area: Nutrient Management
Thematic Area: INM
Season : Kharif, 2025
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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Bittergourd	1.0 ha (10 Nos)	FP : Application of NPK @(80:40:40)kg/ha RP : Foliar application of mixture of nutrients involving Zn, Mo, Cu, Fe &Mn(100 ppm each) **Source : OUAT Annual report 2014-15**	Wt. of fruit, No of fruits/plant, Yield(q/ha), Net return(Rs/ha), B:C ratio	Micronutrients											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	Different method of application of micronutrients in bittergourd	1	FW	1	Off	July,2025									30
Method Demo	Foliar application of micronutrient in bittergourd	1	FW	1	Off	August 2025									10
Field Day	Demonstration on Foliar Application of Micro-nutrient in Bitter gourd	1	FW	1	Off	Oct. 2025									50

FLD No. -10 **Demonstration on Natural farming technology for tomato (2nd year)**
Code: 24FHO01(R)
Crop: Tomato
Problem: Poor keeping quality
Thrust Area: Sustainable Crop production
Thematic Area: Natural Farming
Season : Rabi, 2025-26
Farming Situation : Irrigated medium 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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Tomato	1.0 ha (10 Nos)	Cultivation of tomato with marigold as intercrop in the ratio of 1:5, maize as barrier crop. Straw mulching and irrigation in alternate channel. Application of Jibamruta (500 lit/ha) thrice at 15 days interval. Foliar spray of Nimastra(200l/ha)twice at 15 days interval **Source: RRTTS, Ranital 2022-23**	No of weeds/m^2, No. of fruits/plant, Wt. of the fruit (gm), Yield(q/ha), B:C ratio	Marigold seedlings, Maize seed, Plastic drum(100 L. capacity)											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	Principle & Practices of Natural Farming	1	FW	1	Off	Sept. 2025									30
Method Demo	Preparation of Jibamruta&Nimastra	1	FW	1	Off	Oct.2025									10
Field Day	Demonstration on Natural farming technology for tomato	1	FW	1	Off	Jan.2026									50

FLD No. -11 : **Demonstration onINM practices in Marigold (New).**
Code: 25FHO04(R)
Crop: Marigold
Thrust Area: Income Generating Activity
Thematic Area: INM
Season: Rabi-2025-26
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	1.0	Application of 45:90:75 kg NPK/ha in 2 split doses and of Azospirillium and Phosphobacteria 2 kg each/ha applied at the time of planting. Foliar spray of FeSO4 0.5% and ZnSO4 0.5% on 30th and 45th days of transplanting. **Source: TNAU-2017**	No.of flowers/plant, Flower wt.(g), Shelf life, Yield(q/ha), net return(Rs/ha), B:C ratio	Azospirillium, Phosphobacteria, FeSO4, ZnSO4 .											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	Improved package of practices of Marigold.	1	FW	1	Off	October 2025									30
Method Demo	Method of application of Azospirillium, Phospho bacteria, FeSO4 and ZnSO4.	1	FW	1	Off	October 2025									10
Field Day	Demonstration on INM practices in Marigold	1	FW	1	Off	December 2025									50

FLD No – 12 **Demonstration on tuberose var. ArkaPrajwal for horticultural crop diversification(New).**
Code: **24FHO16(K)**
Crop: Tuberose
Thrust Area: Income Generating Activity
Thematic Area: Production of Flower
Season: Kharif-2025
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	Tuberose	0.4	ArkaPrajwal, Single white flowers with a slight pinkish tinge in the buds, Produces higher yield of loose flowers, suitable for both loose and cut flower, spacing(45x20)cm, NPK @(100:50:70)kg/ha, yield 8.75 t/ha **Source : AICRP on Floriculture,OUAT, 2022**	No. of flowers/plant yield of flowers/ plant, yield(q/ha), BCR	Bulbs											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	Improved package of practices of Tuberose	1	F/FW	1	Off	July 2025									30
Method Demo	Planting method	1	F/FW	1	Off	July 2025									10
Field Day	Demonstration on tuberose var. ArkaPrajwal	1	F/FW	1	Off	October.2025									50

Demonstration of Mushroom Nutri-Cereal Cookies for Enhancing the Income of SHGs/FPOs (New)

FLD No.: 13
Code- **25FHS04 (R)**
Crop: Millet
Problem: **Opportunity to develop a new products for WSHGs/ FPOs for enhancing income**
Thrust Area: Income Generation
Thematic Area: Value addition
Season: Rabi 2025-26
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
	Millet	20	Mushroom Nutri-Cereal Cookies-Oyster mushroom (Hypsizygusulmarius) powder in combination with 5 different millet flours (sorghum/jowar, pearl millet/bajra, corn/ maize, finger millet/ragi and little millet/sawai) Millets: Mushroom (80:20) Source: Division of PHTE, IIHR, Bangalore-2020)	Shelf life(days) sensory evaluation(0–9-point hedonic scale), nutritional profile/100g, Net Income(Rs.), B:C Ratio.	Sorgum, bajara, Maize, RagiSawaia, Oyster mushroom,Ghee, Baking Powder, Sugar, Vanilla essence	2000										

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	Value addition of Mushroom	20	RY	5	On									20
Demonstration	Mushroom Nutri-Cereal Cookies	20	RY	1	On									20
Booklet	Value addition of Mushroom	20	RY											50
Field day	Mushroom Nutri-Cereal Cookies	40	F&FW/Line deptt.	1	Off									40

Demonstration of comb honey production technology in *Apisceranaindica(2nd Year)*

FLD No.-14
Code- 24FHS02(K/R)
Crop: Honey bee
Problem Colonies are not strong enough to build super
Thrust Area: IGA
Thematic Area: Mushroom production
Season: Rabi 2025
Farming Situation: Homestead/ backyard

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
	Honey bee	10	Fixing of new comb in comb honey production frame and fixing it with the wooden or plastic ISI specified frame size and collecting the comb honey frames at the right time (when combs are sealed cent percent) from the super chamber. Packing of the comb honey wrapped in food grade cling wrap along with its plastic comb honey frame without damage to the comb in hard boxes.		Comb frame	660/unit	300/unit									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
Training1	Scientific rearing of Honey bee	2	RY	10	0n									30
Method Demo	Scientific rearing of Honey bee	2	F&FW& RY	6	0n									30
Field day	Harvesting of Honey	1	F&FW	1	0ff									40
Manual	Scientific rearing of Honey bee	40	RY											40

Demonstration on value addition of Oyster mushroom soup powder

FLD No-15

Code- 24FHS14 (R)
Crop: Oyster mushroom
Problem Low price of Oyster mushroom
Thrust Area: IGA
Thematic Area: Value addition
Season: Rabi- 2025-26
Farming Situation: Homestead/ backyard

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.	Oyster mushroom	10	Oyster mushroom soup powder: Fresh mushroom 125 g, corn flour 50 g, milk powder 25 g, salt 8 g, sugar 3 g, black pepper 2 g, Oregano-2 g. (Source-AICRP on mushroom 2020-21)	Shelf life(days), Nutritional profile/100g, Sensory Evaluation (0–9-point hedonic scale), Net Return (Rs.), B:C ratio	Mushroom, Corn flour, Milk powder, Black peeper, Oregano	3000										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	Value addition of mushroom	1	RY	5	0n									30
Method Demo	Value addition of mushroom-pickles, soup powder, dry mushroom, nuggets, badi	1	RY	5	0n									30
Field day	Demonstration on Value addition of mushroom-pickles, soup powder, dry mushroom, nuggets, badi	1	RY	1	0ff									40
Booklet	Value addition of mushroom	40	RY											40

Demonstration on tomato powder for increasing the self-life and income generation

FLD No-16 :
Code- 25FHS03 (R)
Crop: Tomato
Problem: Distress sale of Tomato in peak period
Thematic Area: Value addition
Season: Rabi 2025-26
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
	Tomato	20	Preparation of Tomato powder by slicing , drying by solar dryer, making powder	Shelf life(days), Nutritional profile/100g, Sensory Evaluation (0–9-point hedonic scale), Net Return (Rs.), B:C ratio	Tomato, Knife, solar dryer, Mixture, PP bag or Air tight container	6500										20

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	Value addition of Fruits and vegetables	20	RY	5	On									20
Training	Value addition of Tomato	30	F&FW	1	Off									30
Demonstration	Demo on Tomato powder	50	RY	1	On& Off									50
Booklet	Value addition of Tomato	50	RY, F&FW											50
Field day	Value addition of Tomato	40	F&FW/Line deptt.	1	Off									40

FLD No.-17 Demonstration of Power Operated Finger Millet Thresher for threshing finger millet for comfort elevation of farm women.

Code- 23FHS01(K)

Crop: Finger Millet

Problem Drudgery due to Manual threshing

Thrust Area: Comfort elevation

Thematic Area: Farm Machinery

Season: Kharif- 2024

Farming Situation: Homestead/ backyard

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
	Finger MilletThresher	10	Power Operated Finger Millet Thresher for threshing finger millet (1hp single motor, capacity 90 kg/hr.) (**Source: AICRP PHT CAET, OUAT-2018)**	Field capacity(kg/ hr), heart rate, Energy expenditure, Incremental income												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	Women friendly implements for comfort elevation of Farm women	1	F&FW	1	0n									30
Method Demo	Operation of Power Operated Finger Millet Thresher	1	F&FW	1	0n									30
Field day	Threshing of Finger millet through Power Operated Thresher	1	F&FW	1	0ff									40
Leaflet	Women friendly implements for comfort elevation of Farm implements	40	F&FW	1										40

FLD – 18 **Demonstration on proper farm planning including record keeping and availing better marketing opportunities**
Code **24FEE04(Y)**
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-2025
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
	Rice	10+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 4thwk									30
Method Demo	Preparation of crop plan	1	F/FW	1	Off	June 4thwk									30

FLD-19 **Impact assessment of CFLDprogramme on oilseeds and pulses KVK, Sundargarh-1**

FLD –20 Demonstration of Fruit based (Mango+Dragonfruit+Pineapple)multi-storey system (New).
Code:
Crop: Mango + Dragon Fruit + Pineapple
Problem Under utilization of inter space area of Mango plantation
Thrust Area: Agro-Forestry
Thematic Area: Forestry
Season: Kharif 2025
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-Queen Dragon fruit-Mango-Dusheri	0.4	FP: No practice for optimum utilization of Inter-space RP: Pineapple suckers are planted at a spacing of 60cm between rows & 30 cm within rows, provide enough space for the plant to grow & develop properly	Fruit Yield &. 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& Dragon fruit in mango orchard	1	F/FW	1	Off	August 1st week									30
Method Demo	Planting techniques & Bed preparation for pineapple & Dragon fruit intercropping	1	F/FW	1	Off	August 1st week									10
Field Day	Evaluation of intercrops	1	F/FW	1	Off	January 4thwk									50

` **FLD –21** Demonstration on Mahua collection and drying method for value chain (TSP) (2nd Year)

Code: 25FAF05(K/R)

Crop: Mahua

Problem Damage of Mahua due to Manual collection

Thrust Area: Agro-Forestry

Thematic Area: NTFP

Season: Rabi 2025-26

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	Mahua	10 Nos	12m× 12m Agri shade net and sun drying method- 5 days (7m× 3.5m, 100-micron UV stabilized polyethelyne, Bamboo) **(Source: SLREC- 2018)**	Yield/plant,collection per plant/day, quality,BCR	100 micron UV Stabilised polythene, AgriShadenet	4000/unit	400									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	Collection method of Mahua	1	F/FW	1	Off	March 4th week									30
Method Demo	Collection and Drying method	1	F/FW	1	Off	March 4th week									10
Field Day	Evaluation	1	F/FW	1	Off	April									50

FLD –22 Demonstration on Vermicomposting by use of Forest leaves (TSP) (New)
Code:
Entreprise: Vermicomposting
Problem **Un-utilisation of forest leaves**
Thrust Area: Agro-Forestry
Thematic Area: Forestry
Season: Kharif/Rabi 2025-26
Farming Situation :

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	Vermicomposting	10 Nos	FP : Cowdung and farm produces used for preparation of vermicompost RP: Vermicomposting by use of decomposer with cowdung& dried neem/Sal leaves substrates (2:3).	Quantity produced/bed,BCR	Poly bed	12000	400									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	Preparation Techniques of vermicomposing	1	F/FW	1	Off	October1st week									30
Method Demo	Bed preparation	1	F/FW	1	Off	October 1st week									10
Field Day	Evaluation	1	F/FW	1	Off	January 1st week									50

FLD –23 Demonstration ofArrowroot in Natural farming system (New)
Code:
Crop/Entreprise: Arrowroot
Problem **Use of chemical fertilizer for arrowroot production**
Thrust Area: Agro-Forestry
Thematic Area: Forestry
Season: Kharif 2025
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	Arrowroot	0.5	FP : Arrowroot cultivation is done by straw mulching RP: Arrowroot cultivation is done by treatment of Bijamrut, Jivamrut&HandiKhata for better result.	Yield, (q/ha), BCR	Arrowroot Rhizum	4500	1200									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	Cultivation practice of arrowroot in natural farming system	1	F/FW	1	Off	October 1st week									30
Method Demo	Treatment of Organic manures	1	F/FW	1	Off	October 1st week									10
Field Day	Evaluation of yield	1	F/FW	1	Off	August 2nd week									50

FLD –24 **Demonstration on Production of vermicompost for income generation under TSP**
Crop: Vermicompost
Thrust Area: Organic Farming
Thematic Area: Vermicomposting
Season: Kharif-2024
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	Sep 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 – **Demonstration on Power operated Ragi Thresher-cum-Pearler**
Code **24FCS12(R)**
Crop: Ragi
Thrust Area: Women Friendly Implements
Thematic Area: Drudgery Reduction
Season: Rabi 2024-25
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
	Ragi	10	Use of threshing by power operated Ragi thresher-cum-pearler to enhance the efficiency of farmwomen	Threshing Efficiency(%), Capacity (kg/hr), Cost saving (Rs/q)	Ragi thresher-cum-pearler											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	Women friendly implements for comfort elevation of farm women	1	F/FW	5	Off	Dec 2nd week									30
Method Demo	Operationalisation of threshing & pearling of Ragi	1	F/FW	5	Off	Dec 2nd week									10
Pamphlet	Women friendly implements for comfort elevation of farm women	500	F/FW	1		Dec 1st week									500
Field Day		1				Dec 2nd week									40

2. a) Seed and planting material production by 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	KalingaDhan 1203	June to Dec 2025	1.5	FS	50.0	100,000	1,40,000	40,000
Mushroom Spawn (Paddy straw)	*VolvariellaVolvaceae*	May to Oct 2025			4000 nos	60000	80000	20000
Mushroom Spawn(Oyster)	*H. ulmarius, P. sajorcaju*	Oct to Feb 2025			3000 nos	45000	60000	15000
Vermiculture	Eiseniafoetida	Round the year			50kg	**10000**	**25000**	**15000**
Vegetable Seedlings/ Saplings	Papaya, Drumstick, Different flowers and seasonal vegetables	Round the year	0.009	Seedlings	1,00,000nos	1,50,000	2,50,000	1,00,000
Vermicompost		Round the year	0.0134	Compost	60	40,000	1,20,000	80,000
Mushroom	Paddy straw/Oyster	Round the year	0.01		100kg	10,000	20,000	10,000
Poultry	Kadaknath, Aseel	Round the year	0.020	Brooded chick	1000	5000	10,000	5000

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.)

Extension Activities (Tentative)

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	15										
2.	KisanMela	1										
3.	KisanGhosthi	10										
4.	Exhibition	5										
5.	Film Show	135										
6.	Method Demonstrations	21										
7.	Farmers Seminar	2										
8.	Workshop	2										
9.	Group meetings	80										
10.	Lectures delivered as resource persons	60										
11.	Advisory Services	60										
12.	Scientific visit to farmers field	141										
13.	Farmers visit to KVK	1250										
14.	Diagnostic visits	20										
15.	Exposure visits	15										
16.	Ex-trainees Sammelan	2										
17.	Soil health Camp	2										
18.	Animal Health Camp	1										
19.	Agri mobile clinic	0										
20.	Soil test campaigns	2										
21.	Farm Science Club Conveners meet	0										
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	30										
27.	MahilaKisanDiwas	1										
28.	Any Other (Specify)	2										
	Total	1886										

Revolving Fund (in Rs.)

Opening balance of 2024-25 (As on 01/04/.2024)	Amount proposed to be invested during April 2024 – March 2025	Expected Return
1,79,123	**5,00,000**	**6,00,000**

2. On-farm trials to be conducted

OFT – 1 Assessment of Organic Inputs in Ragi (3rd Year)

CODE : 230AG10(K)

Season	Kharif 2025
Title of the OFT	Assessment of organic inputs in Ragi
Thematic Area	Organic Inputs in crops
Problem diagnosed	Low yield of ragi due to no use of organic sources of nutrients and pesticides
Important Cause	Lack of knowledge and skill on preparation and use of organic inputs
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 in increasing the aroma of rice and enhance its yield
Objective(s)	To increase the yield of aromatic rice
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 -2 Assessment of Lime and Sulphur Application In Summer Groundnut (2nd year)
CODE : 240AG11(R)

Season	Summer 2026
Title of the OFT	assessment of lime and sulphur application in summer groundnut
Thematic Area	INM
Problem diagnosed	Low yield of groundnut due to acidic soil condition and sulphur deficiency in soil.
Important Cause	High prevalence of acidic soil condition
Production system	Rice- Groundnut
Micro farming system	Irrigated-Medium land
Technology for Testing	Lime and sulphur application in summer groundnut
Existing Practice	Application of NPK @ 20:40:40 kg/ha
Hypothesis	Application of lime will neutralize soil acidity, supplement calcium and sulphur application will increase yield and oil content
Objective(s)	To ameliorate soil acidity and to enhance yield and oil content.
i. Treatments:	
Farmers Practice (FP):	Application of N:P: K(20:40:40) kg/ha
Technology option-I (TO-I):	STD + 30 kg S/ha + 0.5 LR (Broadcasting)
Technology option-II (TO-II):	STD + 40 kg S/ha + 0.2 LR (furrow application)
Critical Inputs	Sulphur , Lime
Unit Size	2 ha
No of Replications	7
Unit Cost	2000
Total Cost	14000
Monitoring Indicator	Initial and post harvest soil test value, No. of branches/ plant, No. of pods/ plant, Oil Content, Yield (q/ha) , Economics
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	Annual Report OUAT, 2009-10, pp 16

OFT-3 Assessment of little millet varieties for better yield
Code: 25OAG5 (K)

Season	Kharif 2025
Title of the OFT	Assessment of Herbicides in Pigeon pea
Thematic Area	Varietal evaluation
Problem diagnosed	Low yield
Important Cause	Low yield due to use of local variety
Production system	Rice- Fallow
Micro farming system	Rainfed-Upland
Technology for Testing	Introduction of some new varieties
Existing Practice	Cultivation of DesiSuan
Objective(s)	• To evaluate newly developed cultivars for better yield
i. Treatments:	FP: TO1: TO2: TO3:
Farmers Practice (FP):	Cultivation of DesiSuan
Technology option-I (TO-I):	KalingaSuan 217
Technology option-II (TO-II):	CLMV-1
Technology option-II (TO-II):	OLM 208
Critical Inputs	Seeds, Seed treatment Chemicals and need based plant protection measures
Unit Size	1 ha
No of Replications	7
Unit Cost	Rs. 1,500/-
Total Cost	Rs. 10,500/-
Monitoring Indicator	Crop duration, productive tillers/hill, panicle length, panicle weight, grain yield,
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	OUAT, 2022 IIMR, 2020 OUAT, 2009

OFT – 4 Assessment of different crops for rice fallow management
Code: 24OAG14(K/R)

Season	Rabi 2025-26
Title of the OFT	Assessment of different crops for rice fallow management
Thematic Area	ICM
Problem diagnosed	80,000 ha area is under rice fallow
Important Cause	Lack of knowledge on suitable crop and varieties under rice fallow
Production system	Rice –Fallow
Micro farming system	Rainfed medium land
Technology for Testing	*Kharif* Rice followed by pulses and oilseed
Existing Practice	Rice –Fallow
Hypothesis	
Objective(s)	• To find out suitable crop under rice fallow
i. Treatments:	
Farmers Practice (FP):	Rice -Fallow
Technology option-I (TO-I):	Rice-Chickpea
Technology option-II (TO-II):	Rice-Toria
Technology option-III (TO-III):	Rice-Lentil
Critical Inputs	Seed, Need based plant protection chemicals
Unit Size	1 ha
No of Replications	7
Unit Cost	Rs. 3000/-
Total Cost	Rs**21000/-**
Monitoring Indicator	Individual crop yield, Cropping intensity, system yield, System economics
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	BCKV 2016-17 IRRI, 2019-20

OFT -9 Assessment of different mulching on growth & yield of Strawberry.

Code	25OHO05(K/R)
Season	Rabi -2025-26
Title of the OFT	Assessment of different mulching on growth & yield of Strawberry
Thematic Area	ICM
Problem diagnosed	Low yield
Important Cause	Due to weed competition and less moisture conservation there is less growth & yield
Production system	Vegetables-Vegetables
Micro farming system	Irrigated-up land
Technology for Testing	Different types of mulching in strawberry
Existing Practice	No mulching
Hypothesis	Mulching in strawberry helps in moisture conservation & no weed
Objective(s)	To increase size & yield of strawberry
ii. Treatments:	
Farmers Practice (FP):	No mulching practice
Technology option-I (TO-I):	Mulching with transparent polythene mulch
Technology option-II (TO-II):	Mulching with Black Polythene mulch
Technology option-III (TO-III):	Mulching with Leaf mulch
Critical Inputs	Transparent polythene, Black polythene
Unit Size	0.4 ha
No of Replications	7
Unit Cost	2000
Total Cost	14000
Monitoring Indicator	Plant ht(cm), No of runners, No. of fruit/Plant, Yield (q/ha), Net return (Rs/ha), B:C ratio
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	Visva-Bharati, Sriniketan W.B, 2014

OFT -10 Assessments of Different Garlic Varieties for higher yield.

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Code	24OHO10(R)
Season	Rabi,2025-26
Title of the OFT	Assessment of different Garlic Varieties for higher yield.
Thematic Area	Varietal evaluation
Problem diagnosed	Low yield
Important Cause	Cultivation of locally available cloves
Production system	Vegetables-Vegetables
Micro farming system	Irrigated-up land
Technology for Testing	Different Garlic Varieties for higher yield
Existing Practice	Cultivation of locally available cloves
Hypothesis	Cultivation of HYV of garlic will increase the production & productivity.
Objective(s)	To increase the yield of Garlic
i. Treatments:	
Farmers Practice (FP):	Cultivation of locally available cloves.
Technology option-I (TO-I):	Cultivation of Yamuna Safed-3
Technology option-II (TO-II):	Cultivation of Agri found White
Critical Inputs	Seed(Cloves)
Unit Size	0.4 ha
No of Replications	7
Unit Cost	1500
Total Cost	10500
Monitoring Indicator	Days to mature (days), Bulb diameter (cm), Number of cloves (no.)/ plant, Avg. Bulb Weight (g), Yield q/ha
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	Source: NHRDF -2015

OFT :Assessment on production straw mushroom from semi-composted substrates.

CODE : 25OHS01(K)

Season:	:	Kharif
Title of the OFT:	:	**Assessment on production straw mushroom from semi-composted substrates.**
Thematic Area:	:	Income generation
Problem diagnosed:	:	Low Yield from paddy straw mushroom bed
Important Cause:	:	Biological Efficiency is low
Production system:	:	Backyard
Micro farming system:	:	
Technology for Testing:	:	Production straw mushroom from semi-composted substrates.
Existing Practice:	:	Production straw mushroom in bundle straw as wellas threshed straw .
Hypothesis:	:	Biological efficiency is 16%
Objective(s):	:	To enhance the biological efficiency through semi-compost method.
Treatments:	:	
Farmers Practice (FP)	:	Paddy straw mushroom production in Bundle straw,
Technology option-I (TO-I)	:	Chopped Bundle straw of size 2-3 inches + Wheat bran(6%)+Chicken manure (1.5%) + CaCo3 (2 %)
Technology option-II (TO-II)		Crumpled Straw+ Wheat bran(6 %) + Chicken manure (1.5%) + CaCo3(2%) Source: AICRP on Mushroom, OUAT 2019
Critical Inputs:	:	Wheat bran, Chicken manure, Paddy straw mushroom spawn, Calcium carbonate and Straw
Unit Size:	:	50 kg straw each trial(50+50+50)= 150kg
No of Replications:	:	10
Unit Cost:	:	2900
Total Cost:	:	29,000
Monitoring Indicator:		Pinhead appearance (days), Average fruit body weight (g), Yield(Kg/bed) Biological efficiency (%) Net Return (Rs.), B:C ratio
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	:	Source: AICRP on Mushroom, OUAT 2019

OFT No: Assessment of different value-added products of Mahua for enhancing income of SHGs/FPOs

CODE : -24OHS03(R)

Season:	:	Summer -2024-25
Title of the OFT:	:	**Assessment of different value-added products of Mahua for enhancing income of SHGs/FPOs**
Thematic Area:	:	Value addition
Problem diagnosed:	:	Limited value addition and Opportunity for preparing new products
Important Cause:	:	Consumer Demand
Production system:	:	Homestead
Micro farming system:	:	Homestead
Technology for Testing:	:	
Existing Practice:	:	Collecting mahul in summer season and drying and selling in market
Hypothesis:	:	This technology can also help in the development of entrepreneurship through the production of these products
Objective(s):	:	To get anew products for SHGs/FPOs
Treatments:	:	
Farmers Practice (FP)	:	Selling Raw
Technology option-I (TO-I)	:	**Preparation of RTS** Preparation of Mahua RTS, Boiling(10kg+2 lit Water) extracting pulp from mahua flower (8lit),Preparation of Sugar syrup(5kg Sugar+ 32lit Water+ 50g Citric acid) Mahua pulp 12.5kg (TSS7%) + Sugar Solution +14kg (TSS 74%) + Water 36kg.
Technology option-II (TO-II)		**Preparation of MahuaLaddu** Mhua flowers(10kg) are dried are taken and roasted in a heavy-bottomed pan for about 10 - 15 min under low flame.Roast semolina(10Kg) and white sesame seeds(1kg) separately,Mixing the Ingredients (Sugar(2.5kg+Refined oil?ghee(1lit.+Fennel-0.25kg+Coconut powder(0.5kg). Adding Nuts and Spices,Shaping the Ladoos(24kg- 960nos.@25g): Packing & Storage.
Critical Inputs:	:	10 SHG
Unit Size:	:	10
No of Replications:	:	10
Unit Cost:	:	2500
Total Cost:	:	25,000
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):	:	TO1 AICRP on Post Harvest Technology, College of Technology and Engineering, MaharanaPratap University of Agriculture and Technology, Udaipur, Rajasthan-2013 TO2- PHT-OUAT-2015

OFT No.: Assessment of the Effectiveness of different extension methods to access information on rice production.

CODE : 240EE02(Y)

Season:	:	Karif/Rabi/Zaid-Summer 2025-26
Title of the OFT:	:	Assessment of the Effectiveness of different extension methods to access information on rice production
Thematic Area:	:	ICT
Problem diagnosed:	:	Poor accessibility to accurate and timely information on technical knowledge/advisory in rice production
Important Cause:	:	Improper knowledge on Rice cultivation
Production system:	:	Rice-Vegetable/Rice-Fallow
Micro farming system:	:	Irrigated, Rainfed
Technology for Testing:	:	Media for dissemination of agricultural information
Existing Practice:	:	Farmers access information from various sources, Peer group input dealers etc
Hypothesis:	:	Information from specific media will increase interest in new technologies
Objective(s):	:	To assess the effectiveness of different extension methods to access information on rice production will increase profit & production
Treatments:	:	
Farmers Practice (FP)	:	Farmers getting information from the PR group, Input dealers, Extension functionaries, Mass media & KMA
Technology option-I (TO-I)	:	FP + Short video lectures + Focused group discussion/Clarification session
Technology option-II (TO-II)		FP + Using of Rice Xpert app
Critical Inputs:	:	
Unit Size:	:	30+30+30
No of Replications:	:	1
Unit Cost:	:	-
Total Cost:	:	-
Observation Parameters:		Timely availability/Delivery of Technology, Suitability of technology, ease in handling the extension method, retention &retrival of information
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	:	New Opportunity

OFT No.: Assessment of Effectiveness Channels for Dissemination of detailed information on entrepreneurship development schemes(MKUY/MIDH/OMM)
CODE : 25OEE04(Y)

Season:	:	Karif/Rabi/Zaid-Summer 2025-26
Title of the OFT:	:	Assessment of Effectiveness Channels for Dissemination of detailed information on entrepreneurship development Schemes(MKUY/MIDH/OMM)
Thematic Area:	:	ICT
Problem diagnosed:	:	Poor accessibility and less clarity of information on entrepreneurship development schemes of Government
Important Cause:	:	Less information on different entrepreneurship development schemes
Production system:	:	Vegetable-vegetable-vegetable, Rice-pulses
Micro farming system:	:	Irrigated, Rainfed
Technology for Testing:	:	Channels for Dissemination of detailed information on entrepreneurship development schemes
Existing Practice:	:	Farmers access information from various sources
Hypothesis:	:	Information from specific sources/channels will increase interest in new entrepreneurship development
Objective(s):	:	To assess the effective channels for Dissemination of detailed information on entrepreneurship development Schemes (MKUY/MIDH/OMM)
Treatments:	:	
Farmers Practice (FP)	:	Information received from extension functionaries
Technology option-I (TO-I)	:	Information received from Print media/Literatures of Govt.
Technology option-II (TO-II)		Information received from Social media
Critical Inputs:	:	-
Unit Size:	:	30+30+30
No of Replications:	:	1
Unit Cost:	:	-
Total Cost:	:	-
Monitoring Indicator:		Timely availability of the information, accessibility/clarity of content, change in knowledge and applicability
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	:	New Opportunity

OFT No.: Assessing Efficacy of ITK On Disease Pest Management Of Vegetables Available Locally CODE ; 24OEE08(Y)

Season:	:	Karif/Rabi/Zaid-Summer 2024-25
Title of the OFT:	:	Assessing efficacy of ITK on disease pest management of vegetables available locally
Thematic Area:	:	ITK
Problem diagnosed:	:	Non standardization of available ITK leading to poor dissemination, hence production of vegetables with higher residual toxicity from chemical pesticides
Important Cause:	:	Lack of knowledge and skill on Use of ITKs
Production system:	:	Rice-vegetable , vegetable-vegetable
Micro farming system:	:	Irrigated Medium land/ upland
Technology for Testing:	:	Selection of appropriate ITKs for disease pest management in vegetables.
Existing Practice:	:	ITK adopted in a micro area, not tested, documented, but has visible role
Hypothesis:	:	Use of suitable scientifically validated ITKs will be helpful for disease pest management in vegetables
Objective(s):	:	To assess the most suitable ITK for disease pest management
Treatments:	:	
Farmers Practice (FP)	:	ITK adopted in a micro area, not tested, documented, but has visible role
Technology option-I (TO-I)	:	ITK to be tested in KVK adopted villages
Technology option-II (TO-II)	:	ITK to be tested in KVK
Critical Inputs:	:	Questionnaire based survey
Unit Size:	:	90
No of Replications:	:	1
Unit Cost:	:	-
Total Cost:	:	-
Monitoring Indicator:	:	Timely Availability/ delivery of technology, suitability of technology, ease in handling, Complexity, cost of technology
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	:	

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.)in lakh
1	Capacity building, skilling, agro-enterprises & entrepreneurship development Funded by OMBADC	300.0
2.	Centre of Excellence on FPOs	1.5
3.	CFLD(Oilseeds) Sesamum& Groundnut	11.5
4.	Natural Farming	3.41
5.	PM KisanSammelan	1.0
6.	Swachhata	0.4
7.	VOTI	1.5
8.	Chevon	0.3
9.	Plant Health Clinc	8.0

10. No. of success stories proposed to be developed with their tentative titles : 4

Sl no	
1	Integrated farming system: A sustainable approach to farming
2	Natural farming: way forward for future Agriculture
3	Vermicomposting new avenues for tribal WSHGs
4.	Mushroom Cultivation: A sustainable enterprise

11. Scientific Advisory Committee

Date of SAC meeting held during 2024	Proposed date during 2025
6/11/2024	December 2025

12. 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	800										50	1000
Water Samples	500										20	400
Other (Pleasespecify)												
Total	1300										70	1400

13. Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.)	Expected fund Requirement (Rs.)
KVK Contingency	7,00,000	8,00,000
Tribal Sub Plan (TSP)	15,00,000	17,00,000
HRD	30,000	40,000
TA	1,50,000	2,00,000
Non-Recurring		
1). Furniture & Equipment	0	10,000,00(Farmers Hostel)
2). Library	10,000	10,000
3). Vehicle (New Tractor)	0	
4). Works		
a. Repairing of Quarter		3,50,000
b. Repairing of Training Hall		8,00,000

14. Any additional requirement may be suitably justified.

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

Sd/-

Senior Scientist & Head, KVK, Sundargarh-I