

# Annual Action Plan 2025-26



**Krishi Vigyan Kendra, Ganjam-II**  
**ODISHA UNIVERSITY OF AGRICULTURE &**  
**TECHNOLOGY ODISHA**



## ACTION PLAN 2025-26

### 1. Name of the KVK:

Address	Telephone	E mail
Krishi Vigyan Kendra, Ganjam-II At: Golanthara; P.O: Golanthara; Berhampur; Dist: Ganjam; Odisha – 761008	-	kvk.ganjam2@ouat.ac.in

### 2.Name of host organization:

Address	Telephone		E mail
	Office	FAX	
Orissa University of Agriculture and Technology Bhubaneswar -751003 Orissa			dee@ouat.ac.in

### 3.Training programme to be organized (April 2025 to March 2026)

#### (a) Farmers and farmwomen

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
INM	Integrated Nutrient Management in Paddy	1	1 day	Off	18.06.2025	-	-	-	-	-	-	-	-	30
IWM	Integrated Weed management in Paddy	1	1 day	Off	24.06.2025	-	-	-	-	-	-	-	-	30
Soil management	Soil Testing and Soil Health Management	1	1 day	Off	10.07.2025	-	-	-	-	-	-	-	-	30
Nutrient management	Use of Bio-fertilizer for Sustainable Food Production	1	1 day	Off	25.07.2025	-	-	-	-	-	-	-	-	30
Crop improvement	Importance of Growing pulse crop for alleviating pulse deficient in Odisha	1	1 day	Off	12.08.2025	-	-	-	-	-	-	-	-	30
INM	Importance of application of Boron and zinc in maize for increasing the grain filling	1	1 day	Off	17.08.2025	-	-	-	-	-	-	-	-	30
INM	Soil fertility management	1	1 day	Off	03.07.2025	-	-	-	-	-	-	-	-	30
Soil management	Natural farming	1	1 day	Off	08.07.2025	-	-	-	-	-	-	-	-	30

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	
IWM	Weed management in pulses and oilseed crop	1	1 day	Off	03.09.2025	-	-	-	-	-	-	-	-	-	30
IWM	Safety and precaution for herbicide use.	1	1 day	, Off	12.09.2025	-	-	-	-	-	-	-	-	-	30
Crop management	Importance and package and practice of growing millet crops	1	1 day	Off	23.09.2025	-	-	-	-	-	-	-	-	-	30
Residue management	Residue management in Rice field	1	1 day	, Off	03.10.2025	-	-	-	-	-	-	-	-	-	30
Crop management	Package and practice for Rabi Oilseed crop- Mustard	1	1 day	Off	24.10.2025	-	-	-	-	-	-	-	-	-	30
Crop management	Seed preservation techniques in pulses	1	1 day	Off	04.11.2025	-	-	-	-	-	-	-	-	-	30
Precision farming	Precision farming in horticultural crops	1	1 day	Off	24.7.2025										30
Export potential vegetables	Cultivation of, cauliflower, cabbage, broccoli in scientific manner	1	1 day	Off	12.8.2025										30
Spice production	Scientific cultivation of Onion, Ginger, Chilli	1	1 day	Off	12.9.2025										30
Export potential of ornamental plants	Production technology of Marigold, Tuberosa, Jasmine	1	1 day	Off	19.10.2025										30
Post-harvest management	Post-harvest management of fresh fruits & vegetables	1	1 day	Off	03.11.2025										30
Production and use of organic inputs	Production technology of vermicompost and its uses	1	2 day	On	25.07. 2025 & 26.7.2025										30
Soil fertility management	Soil fertility management	1	1 day	Off	09.08. 2025										30
Natural farming	Zero budget natural farming	1	1 day	Off	12.09. 2025										30
Integrated Nutrient Management	Nutrient management in pulse crops	1	1 day	Off	05.10. 2025										30

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						
Production and use of organic inputs	Production technology of vermi compost and its uses	1	1 day	Off	16.11. 2025															30
Nutrient use efficiency	Nutrient management in oil seed crops	1	1 day	Off	07.12. 2025															30
Use of micronutrient	Use of secondary and micronutrients vegetable crop	1	1 day	Off	27.12. 2025															30
IPM	Borer pest management in bittergourd	1	1 day	Off	12.04.2025															30
IDM	Blast disease management in ragi.	1	1 day	On	03.05.2025															30
IDM	Blast and sheath blight disease management rice.	1	1 day	Off	27.05.2025															30
IDM	Disease management in betelvine	1	1 day	On	10.06.2025															30
IDM	Disease and pest management in sun flower.	1	1 day	Off	29.06.2025															30
IDM	Wilt and rotting disease management in tomato.	1	1 day	On	06.07.2025															30
IDM	Stone weevil management in Mango.	1	1 day	On	22.07.2025															30
IDM	Shoot and fruit borer management in brinjal.	1	1 day	Off	03.08.2025															30
IPM	Leaf curls disease management in chilli.	1	1 day	On	31.08.2025															30
IDM	Collar rot management in groundnut .	1	1 day	Off	09.09.2025															30
IPM	Aphid management in Marigold.	1	1 day	On	27.09.2025															30
IPM	Nursery disease management in rabi rice.	1	1 day	Off	19.10.2025															30
IPM	Method of preparation of pesticide formulation and its	1	1 day	Off	13.11.2025															30

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						
	application.																			
IPM	Indigenous technology knowledge in insect, pests & disease control	1	1 day	Off	05.12.2025															30
Production and management	Feed preparation and management in pisciculture	1	1 day	Off	13.05.2025															30
Production and management	Pre stocking management in pisciculture tank	1	1 day	Off	05.06.2025															30
Production and management	Post stocking management in pisciculture tank.	1	1 day	Off	26.06.2025															30
IFS	Pond based Integrated fish farming	1	1 day	Off	10.07.2025															30
Production and Management	Fish seed production technology in small tanks	1	1 day	Off	29.07.2025															30
Production and management	Adverse aquatic environment & its remedial measures	1	1 day	Off	05.08.2025															30
Production and management	Crab culture and fattening	1	1 day	Off	20.08.2025															30
Production and management	Feed, Soil and water additives in Aquaculture	1	1 day	Off	06.09.2025															30
Production and management	Common diseases in fish pond and its control measures	1	1 day	Off	23.09.2025															30
Production and management	Control and eradication of algal blooms and weeds in fish culture	1	1 day	Off	04.10.2025															30
Post-harvest management	Value addition and value added products from fish and shell fish	1	1 day	Off	28.10.2025															30
Production and management	Species diversification in Aquaculture and its Importance	1	1 day	Off	08.11.2025															30

**(b) Rural youths**

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	
IFS	Integrated Farming system for Marginal Farmers.	2	04	On	Sept 2025	-	-	-	-	-	-	-	-	-	50
Natural farming	Preparation of different organic formulation such as panchagavya, Jiva amrit, Beejaamrit, Neem tobacco-based pesticides etc.	2	04	On	January 2026	-	-	-	-	-	-	-	-	-	50
Production and use of organic inputs	Training on vermiculture and vermicomposting	2	4 day	On	August, October 2025										25
Production and use of organic inputs	Production and use of organic inputs	2	4 day	On	September, November 2025										25
IPM	Mango Orchard management	1	2days	Off	August 2025										25
IPM	Safe use of pesticide	1	2days	Off	October 2025										25
IPM	New generation pesticides	1	2days	On	November 2025										25
IPM	IPM & IDM in groundnut	1	2days	On	December 2025										25
Production & management	High input based Aquaculture practices (BIOFLOC)	1	2day	On	August 2025										25
Production & management	Package and practices of Fingerling and Yearling production	1	2day	On	October 2025										25
Production & management	Ornamental fish culture as an Income generating activity	1	2day	On	November 2025										25

Post-harvest management	Value addition and value added product preparation	1	2day	On	December 2025														25
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**(c) Extension functionaries**

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					
Crop management	Integrated crop management of millets crops	1	1 days	On	January 2026														25
Precision farming	Recent technologies for productivity enhancement in vegetable crops	1	1 days	On	January 2026														25
INM	Integrated nutrient management for sustainable agriculture	1	1 days	on	January 2026														25
Use of organic inputs	Organic farming for sustainable agriculture	1	1 days	on	January 2026														25
IPM	IPM in rice	1	1 days	on	January 2025														25
IPM and IDM	IPM and IDM in vegetables	1	1 days	on	January 2025														25
Production and Management	Recent Advances in Aquaculture Practices	1	1 days	On	January 2025														25
Production and Management	Tools for accessing soil, water and disease diagnosis and treatment	1	1 days	On	January 2026														25
Group dynamics	Formation & management of Farmer producer Organization	1	1 days	On	January 2026														25
Application of ICTs	Use of ICT (Information Communication Technology) in Agriculture	1	1days	On	January 2026														25

**Abstract of Training: Consolidated table (ON and OFF Campus)  
Farmers and Farm women**

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		SC			ST			Other			M	F	T	
		M	F	T	M	F	T	M	F	T				
<b>I. Crop Production</b>														
Weed Management														
Resource Conservation Technologies														
Cropping Systems	3													90
Crop Diversification	3													90
Integrated Farming														
Water management	3													90
Seed production	3													90
Nursery management														
Integrated Crop Management														
Fodder production														
Production of organic inputs														
Others, (cultivation of crops )														
<b>TOTAL</b>	<b>12</b>													<b>360</b>
<b>II. Horticulture</b>														
<b>a) Vegetable Crops</b>														
Integrated nutrient management														
Water management														
Enterprise development														
Skill development	1													30
Yield increment	1													30
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)														
<b>TOTAL</b>	<b>2</b>													<b>60</b>
<b>b) Fruits</b>														
Training and Pruning														
Layout and Management of Orchards														
Cultivation of Fruit	1													30
Management of young plants/orchards														
Rejuvenation of old orchards														

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		SC			ST			Other			M	F	T	
		M	F	T	M	F	T	M	F	T				
Export potential fruits	1													30
Micro irrigation systems of orchards														
Plant propagation techniques														
Others, if any(INM)														
<b>TOTAL</b>	<b>2</b>													<b>60</b>
<b>c) Ornamental Plants</b>														
Nursery Management														
Management of potted plants														
Export potential of ornamental plants	2													60
Propagation techniques of Ornamental Plants														
Others, if any														
<b>TOTAL</b>	<b>2</b>													<b>60</b>
<b>d) Plantation crops</b>														
Production and Management technology														
Processing and value addition														
Others, if any														
<b>TOTAL</b>														
<b>e) Tuber crops</b>														
Production and Management technology	1													30
Processing and value addition														
Others, if any														
<b>TOTAL</b>	<b>1</b>													<b>30</b>
<b>f) Spices</b>														
Production and Management technology														
Processing and value addition														
Others, if any														
<b>TOTAL</b>														
<b>g) Medicinal and Aromatic Plants</b>														
Nursery management														
Production and management technology														
Post harvest technology and value addition														
Others, if any														
<b>TOTAL</b>	<b>12</b>													<b>360</b>
<b>III. Soil Health and Fertility Management</b>														
Soil fertility management	2													60
Soil and Water Conservation														
Integrated Nutrient Management	3													90
Production and use of organic inputs	3													90
Management of Problematic soils														

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		SC			ST			Other			M	F	T	
		M	F	T	M	F	T	M	F	T				
Micro nutrient deficiency in crops	1													30
Nutrient Use Efficiency	1													30
Soil and Water Testing	2													60
Others, if any														
<b>TOTAL</b>	12													360
<b>IV. Livestock Production and Management</b>														
Dairy Management														
Poultry Management														
Piggery Management														
Rabbit Management														
Disease Management														
Feed management														
Production of quality animal products														
Others, if any (Goat farming)														
<b>TOTAL</b>														
<b>V. Home Science/Women empowerment</b>														
Household food security by kitchen gardening and nutrition gardening														
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														
Storage loss minimization techniques														
Enterprise development														
Value addition														
Income generation activities for empowerment of rural Women														
Location specific drudgery reduction technologies														
Rural Crafts														
Capacity building														
Women and child care														
Others, if any														
<b>TOTAL</b>														
<b>VI. Agril. Engineering</b>														
Installation and maintenance of														

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
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													
<b>TOTAL</b>													
<b>VII. Plant Protection</b>													
Integrated Pest Management	4												20
Integrated Disease Management	7												10
Bio-control of pests and diseases	1												30
Production of bio control agents and bio pesticides													
Others, if any													
<b>TOTAL</b>	12												360
<b>VIII. Fisheries</b>													
Integrated fish farming	1												30
Carp breeding and hatchery management	1												30
Carp fry and fingerling rearing	2												60
Composite fish culture & fish disease	4												120
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	2												60
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes	1												30
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition	1												30
Others, if any													
<b>TOTAL</b>	12												360
<b>IX. Production of Inputs at site</b>													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
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													
<b>TOTAL</b>													
<b>X. Capacity Building and Group Dynamics</b>													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
<b>TOTAL</b>													
<b>XI Agro-forestry</b>													
Production technologies													
Nursery management													
Integrated Farming Systems													
<b>TOTAL</b>													
<b>XII. Others (Pl. Specify)</b>													
<b>TOTAL</b>	54												1620

### Rural youth

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production	2												30
Production of organic inputs	2												30
Planting material production													
Vermi-culture	2												30
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit	2												30

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		SC			ST			Other			M	F	T	
		M	F	T	M	F	T	M	F	T				
production														
Repair and maintenance of farm machinery and implements														
Nursery Management of Horticulture crops														
Training and pruning of orchards														
Value addition														
Orchard management by controlling pest and disease	1													30
Safe use of pesticide	1													30
New generation pesticides	1													30
IPM & IDM in groundnut	1													30
Piggery														
Rabbit farming														
Poultry production														
Ornamental fisheries	1													30
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	1													30
Small scale processing	1													30
Post-Harvest Technology	1													30
Tailoring and Stitching														
Rural Crafts														
Enterprise														

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		SC			ST			Other			M	F	T	
		M	F	T	M	F	T	M	F	T				
development														
Others if any (ICT application in agriculture)														
<b>TOTAL</b>	<b>16</b>													<b>240</b>

### Extension functionalities

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		SC			ST			Other			M	F	T	
		M	F	T	M	F	T	M	F	T				
Productivity enhancement in field crops	1													15
Integrated Pest Management	1													15
Integrated disease management	1													15
Rejuvenation of old orchards														
Value addition														
Protected cultivation technology	1													15
Formation and Management of SHGs	1													15
Group Dynamics and farmers organization	1													15
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	1													15
Women and Child care														
Low cost and nutrient efficient diet designing														
Production and use of organic inputs	1													15

Gender mainstreaming through SHGs														
Crop intensification														
Others if any	2													30
<b>TOTAL</b>	<b>10</b>													<b>150</b>



**FLD-2 (Agronomy)- Demonstration on High yielding finger millet variety- Shreeratna , Code: 24FAG10(K)**

Crop: Finger Millet

Thrust Area: Varietal Evaluation

Thematic Area: Crop Improvement

Season: Kharif- 2025

Farming Situation: Medium Land Irrigated

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	Finger millet	02	Shreeratna Duration-117 days, moderately resistant to blast disease, stemborer, aphids and grass hoppers, Average yield-23.5 q/ha	Effective tillers/ m <sup>2</sup> . No of fingers per ear , no. of grains per ear, 1000 grain weight	Seeds (Finger millet variety: Shreeratna	2500	1000	-	-	-	-	-	-	-	-	-	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	Improved Package and practice for Finger millet cultivation.	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	-	30

Field Day	Field day on Finger millet	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	50
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**FLD-3 (Agronomy)- Demonstration on toria variety Sushree, Code: 23FAG4( R )\***

Crop: **Toria**

Thrust Area: Varietal Replacement

Thematic Area: Crop Improvement

Season: Rabi- 2025-26

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	<b>Toria</b>	2.0	Var. Sushree ( seed inoculation with Azotobactor,PSB along with 50-25-25 NPK kg/ha along with application of 25 kg ZnSo4 and 1kg B per ha	No. of siliquae/plant, no. of seeds/silique, seed yield(kg/ha)		12,000	15000/-	-	-	-	-	-	-	-	-	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	Integrated Crop Management in toria	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	30
Field	Field day on Finger millet	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	50

Day																			
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**FLD-4 (Agronomy)- Demonstration on ICM in Groundnut, Code: 24FAG16 (R)**

Crop: **Groundnut**

Thrust Area: Integrated Weed Management

Thematic Area: Crop Management

Season: Rabi 2025-26

Farming Situation: Upland, 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	Groundnut	01	Groundnut Var. Dharani, STBF +gypsum@ 2.5q/ha and Boron 1 Kg/ha + Trichoderma. Pre-emergence application of Pendimethalin@ 2.5l/ha fb post emergence application of Quizalfop P ethyl 1000ml/ha with mechanical harvesting.	No. of pods/plant, Weeds per meter sq., Weed control efficiency ,Yield q/ha	Boron + Trichoderma.	8000	1000	-	-	-	-	-	-	-	-	-	-	10

**Extension and Training activities under FLD:**

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants		
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						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	
Training	Improved package and practices for Groundnut cultivation.	01	F/FW	01	On	-	-	-	-	-	-	-	-	30
Field Day	Field day on oilseed crop: Groundnut	01	F/FW	01	On	-	-	-	-	-	-	-	-	50

**FLD-5 (Horticulture): Demonstration on Dragon fruit cultivation for income generation of farmers , Code - 23FHO027(K)**

Crop: Dragon fruit

Thrust Area: fruit cultivation for income generation

Thematic Area: crop management

Season: Kharif 2025

Farming Situation: Irrigated 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	Dragon fruit	1 ha	Cultivation of Dragon fruit in upland with pit size of 60x60x60 cm , Single pole system planting is done at 3X3 m distance.	No. of fruits/plant, Fruit weight (g), yield(q/ha)	Dragon fruit plants	7500	10000													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	Improved cultivation of Dragon fruit	1	F/FW	1day	Off															30
Field day	Field day on Dragon fruit	2	F/FW, extension	1 day	Off															50





**FLD-8 (Soil Science): Demonstration on application of OUAT consortia biofertiliser in cauliflower , Code: 24FSS12(R )**

Crop: **Cauliflower**

Thrust Area: Soil fertility management

Thematic Area: INM

Season: Rabi 2025-26

Farming Situation: Irrigated medium land , Rice-vegetable cropping system

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	<b>Cauliflower</b>	2 ha	STD+ inoculation of OUAT consortia bio-fertilisers to pre-limed ( 5%) 300 Kg FYM/VC(1:25) incubated for 7 days at 30% moisture and applied in the rhizosphere on the day of planting	Curd weight, Soil testing values before and after crop	OUAT consortia bio-fertilizer	15000	9000											10

**Extension and Training activities under FLD:**

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants												
						SC		ST		Other		Total		T				
						M	F	M	F	M	F	M	F					
Training	Package and practices of cauliflower	1	25	1day	off													30
Field day	Demonstration on application of OUAT consortia	2	F/FW, Extension functionaries	2 day	off													50

	biofertiliser in cauliflower													
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**FLD-9 (Soil Science) Demonstration on integrated nutrient management in betel vine , Code: 23FSS13( K)**

Thrust Area: Soil fertility management

Thematic Area: INM

Season: Rabi 2025-2026

Farming Situation: Irrigated, upland (betel vine round the year)

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	Betel vine	1.0ha	STBF (50%) +MOC @ 1.5 t/ha + Vermicompost (VC) @ 10 t/ha + consortia of azotobacter, azosprillum and PSB @ 4 kg/ha inoculated to 300kg VC, mixed with 15 kg lime incubated at 30 % moisture for a week and applied in the rhizosphere.	Vine length , No of leaves/ vine	MoC, Vermicompost ,consortia of azotobacter, azosprillum and PSB	65000	42000													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	Package and practices of betel	1	25	1day	off															30







**FLD-13 (Plant protection) Demonstration of Fall Armyworm management practices in Maize, Code: 24FPP08(K)**

Crop: Maize

Thrust Area: Spices cultivation

Thematic Area: IDM

Season: Kharif - 2024

Farming Situation: Irrigated medium land, Rice-vegetable/vegetable-vegetable cropping system

Sl. No.	Crop & variety /	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 ha	<ul style="list-style-type: none"> <li>▪ First Window (seedling to early whorl stage): spray 5% NSKE or Azadirachtin 1500 ppm @ 5 ml/l of water</li> <li>▪ Second window (mid whorl to late whorl stage): To manage 2<sup>nd</sup> and 3<sup>rd</sup> instar larvae at 10-20% damage spray Spinetoram 11.7% SC @ 0.5 ml/l of water</li> <li>▪ Poison baiting: Poison baiting is recommended for late instar larvae of second window. Keep the mixture of 10 kg rice bran + 2 kg jaggery with 2-3 litres of water for 24 hours to ferment. Add 100g Thiodicarb just half an hour before application in the field. The bait should be applied into the leaf whorl of the plants.</li> <li>▪ Third Window (8 weeks after emergence to tasseling and post tasseling): Hand picking of the larvae is advisable.</li> </ul>	% of pest infestation, No of insect/plant, No of plant infested /m <sup>2</sup>	Azadirachtin 1500 ppm, Spinetoram 11.7% SC and Spinetoram 11.7% SC	32000	26000												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	chemical management of Die back in Chilli	1	Farmer & farmwomen	1day	off															30
Field day	Field day on chemical management of Die back in Chilli	2	F/FW,VAW,NGO members, Krusimitra, Krusaksathietc	1day	off															50

**FLD-14 (Plant protection) Demonstration of fruit fly management in Ridge-gourd, Code-23FPP15(K)**

Crop: **Ridgegourd**

Thrust Area: Vegetable production

Thematic Area: IPM

Season: Rabi 2025-26

Farming Situation: Irrigated-medium land, rice-vegetable cropping system

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	<b>Ridgegourd</b>	1 ha	Food bait @ 20/ha ,100ml( mixture of 1kg cucumber pulp,50g gur,100ml cow urine, 0.5 l of water soaked over night & diluted to 05 lt. & add 10 ml Indoxocarb.)Cue lure @ 25/ha, Spinosad 45%SC @ 20ml/ha at 30,45, 60 & 75 DAS	No .of insect/m2  Yield (q/ha), B:C ratio,	cucumber pulp, cow urine,  Indoxocarb, Spinosad, Cue lure	1200	15000														10

**Extension and Training activities under FLD:**

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants		
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						SC		ST		Other		Total			
						M	F	M	F	M	F	M	F	T	
Training	Training on chemical management of Fruit fly on ridge gourd .	1	Farmer & farmwomen	1day	Off										30
Field day	Field day on chemical management of Fruit fly in ridge gourd.	2	F/FW,VAW,NGO members,krusimitra, Krusaksathietc	2day	Off										50

**FLD-15 (Fishery Sc.):** Demonstration on Use of CIFRI Agrcure (Tandav/ DANAV) for controlling Argulus in carp culture, **Code-23FFS04(K)**  
 Crop: Fish  
 Thrust Area: Small scale income generation  
 Thematic Area: Nutrient management  
 Season: Kharif and Rabi 2025-26  
 Farming Situation: Small to medium tanks, irrigated, Low 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
	Fish (IMC)	10 No	Application of CIFRI-Arcure (Tandav/Danav) @ 40 ml per acre-m, 3 times in 7 days interval	Disease incidence (%), Mortality (%), SGR, ABW (Harvest), BC ratio												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	Fish disease diagnosis and treatment	02	F/FW	03	On/Off														60
Field Day		01	AFO/JFTA/SFTA/F/FW,VAW,NGO members, krusimitra, Krusaksathi	01	Off														25

**FLD-16(Fishery Sc.)** Demonstration on Polyculture of CIFA-GI Scampi/ Freshwater Prawn with Carps, **Code-24FFS01(K)**

Crop: Fish

Thrust Area: Production and Management

Thematic Area: Soil and Water Quality management

Season: Kharif 2025

Farming Situation: Small to medium tanks, irrigated, Low 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	Prawn	10 no	Stocking of CIFA-GI Scampi PL@10,000/ha along with carps@6000/ha (Catla@3000 Nos, Rohu@2000 Nos, Mrigal@500 Nos and Grass carp@500 Nos)	Survivability, Size, ABW, Yield																5	5	10

**Extension and Training activities under FLD:**

Activity	Title of Activity	No.	Clientele	Duration	Venue	No.	of
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					On/Off	Participants										T						
						SC		ST		Other		Total		T								
						M	F	M	F	M	F	M	F									
Training	Mixed culture and Polyculture practices in pisciculture	1	Farmers & Farmwomen	1day	Off																30	
Field day		1	F/FW,VAW,NGO members,Krusimitra, Krusaksathietc	1 day	Off																	40

**FLD-17(Fishery Sc.): Demonstration of FERTIFISH (Fermented Fish Waste solution) on growth/yield of Vegetable, Code-24FFS08(K)**

Crop: Fish

Thrust Area: Production and Management

Thematic Area: Intensive Farming

Season: Year round 2025-26

Farming Situation: Medium to large tanks, irrigated, Low 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		T						
								M	F	M	F	M	F	M	F							
1.	Fish	2.0 ha	Foliar spray of organic FFWS solution @ 5% in vegetables	Disease and pest infestation (%), yield, economics																		05

**Extension and Training activities under FLD:**

Activity	Title of Activity	No.	Clientele	Duration	Venue	On/Off	No. of Participants										T						
							SC		ST		Other		Total		T								
							M	F	M	F	M	F	M	F									
Training	Post-harvest management and production	01	F/FW	01	On/Off																		30



Training	Backyard poultry rearing	02	F/FW, RY	03	On/Off														45
Field Day		01	AFO/JFTA/SFTA/F/FW,VAW,NGO members,	01	Off														25

**FLD-19 (Extension) Demonstration of usefulness of crop/livestock calendar for improving the technical knowledge of farmers and application of technology, Code:..24FEE02(Y)**

Crop: - Groundnut

Thrust Area: 1 ha

Thematic Area:

Season: Year-round (Khari/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	Groundnut	15 nos	Supply of agricultural calendar for improving groundnut production through technical knowledge of farmers	Applicability of calendar, Accessibility of calendar, Knowledge level, change in income															40	20	60

**Extension and Training activities under FLD:**

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		T
						M	F	M	F	M	F	M	F	
Training	Groundnut cultivation	1	Farmer & farmwomen	1day	off									30
Field day		2	F/FW, VAW, NGO members,	2day	off									40

**5. 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 inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Rice	MTU-1224/FS	July 2025- Dec. 2025		Foundation Seed	150 q	350000.00	487500.00	137500.00
Sunhemp	Sanam	Sept 2025- Jan. 2026		Seed	4 q			
Tomato	Arka Rakshak, Arka Samrat	April 2025 to March 2026		Seedling	30000 no.			
Chilli	Arkaharita, Royal Bullet Siam Hot	April 2025 to March 2026		Seedling	30000no.			
Brinjal	Akshita	April 2025 to March 2026		Seedling	10000			
Onion	Red 3, Agrifound dark red	April 2025 to March 2026		Seedling	10000			
Papaya	Red lady	April 2025 to March 2026		Seedling	5000			
Drumstick	ODC-3	April 2025 to March 2026		Seedling	5000			
Other vegetable seedlings	As per farmers demand	-		Seedling	10000			
Vermicompost		April 2025 to March 2026		Vermicompost	25q	12000	37500	25500
Earthworm		April 2025 to March 2026		<i>Eiseniafoetida</i>	20kg	1500	10000	6000
Paddy straw mushroom and oyster mushroom		April 2025 to March 2026			1q		15000	
Fish		April 2025 to March 2026			10 q	80000	150000	
Ornamental fish		April 2025 to March 2026			2000 pairs	6000	10000	
Advanced Fingerlings/ Yearling		April 2025 to March 2026			15000 nos.	32000	60000	
Fry		April 2025 to March 2026			60000	8000	15000	

**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 inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)

**6. 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	40										
2.	KisanMela	02										
3.	KisanGhoshi	-										
4.	Exhibition	04										
5.	Film Show	02										
6.	Method Demonstrations	35										
7.	Farmers Seminar	-										
8.	Workshop	01										
9.	Group meetings	25										
10.	Lectures delivered as resource persons	30										
11.	Advisory Services	60										
12.	Scientific visit to farmers field	150										
13.	Farmers visit to KVK	250										
14.	Diagnostic visits	50										
15.	Exposure visits	5										
16.	Ex-trainees Sammelan	15										
17.	Soil health Camp	2										
18.	Animal Health Camp	2										
19.	Agri mobile clinic	35										
20.	Soil test campaigns	02										
21.	Farm Science Club Conveners meet	10										
22.	Self Help Group Conveners meetings	02										
23.	MahilaMandals Conveners meetings	02										
24.	Celebration of important days (specify)	20										
25.	Sankalp Se Siddhi	3										
26.	Swatchta Hi Sewa	5										
27.	MahilaKisanDiwas	01										
28.	Any Other (Specify)	08										
	Total											

## 7. Revolving Fund (in Rs.)

Opening balance of 20225-2026 (As on 01.04.2025)	Amount proposed to be invested during 2025-2026	Expected Return
266125	500000.00	800000.00

## 8. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)

## 9. On-farm trials to be conducted\*

### OFT-1 (Agronomy)

Season:	Rabi-2025-26 ( 1 <sup>st</sup> year)
Title of the OFT:	Assessment of different crops for rice fallow management in East & SE coastal Plain zone Code: 250AG04(KR)
Thematic Area:	Varietal replacement
Problem diagnosed:	Rice-Fallow : (Low profitability from the existing cropping system)
Important Cause:	Fallow and income from single crop.
Production system:	Multiple cropping
Micro farming system:	Medium land
Technology for Testing:	Multiple crop(pulse/oilseed)
Existing Practice:	Rice-Fallow
Hypothesis:	
Objective(s):	Higher productivity per unit area
Treatments:	
Farmers Practice (FP):	Rice-Fallow
Technology option-I (TO-I)	Rice-Greengram
Technology option-II (TO-II)	Rice- Sesame
Technology option-III (TO-III)	Rice-Black Gram
Critical Inputs:	Seeds
Unit Size:	0.2 acre
No of Replications:	7
Unit Cost:	1200
Total Cost:	8400
Monitoring Indicator:	Rice grain yield, Rabi crop growth and yield parameters system yield and economics
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	Source: OUAT-2022 Source: OUAT-2017 Source: OUAT-2021

**OFT -02 (Agronomy.)**

I.	<b>Season:</b>	Kharif-2025(2 <sup>nd</sup> year)
II.	<b>Title of the OFT:</b>	<b>Assessment of medium duration rice varieties under rainfed condition Code: 240AG01(K)</b>
III.	<b>Thematic Area:</b>	Varietal replacement
IV.	<b>Problem diagnosed:</b>	Low yield from the existing old variety
V.	<b>Important Cause:</b>	Low yield from the existing old variety
VI.	<b>Production system:</b>	Irrigated Rice production system
VII.	<b>Micro farming system:</b>	Medium land Rice-Green gram farming situation
VIII.	<b>Technology for Testing:</b>	T O 1 - Rice variety- Kalinga Dhan-1203 T O 2 Rice variety- Kalinga Dhan-1204 T O 3 Rice variety- Kalinga Dhan-1205
IX.	<b>Existing Practice:</b>	Production of old existing varieties.
X.	<b>Hypothesis:</b>	
XI.	<b>Objective(s):</b>	Higher yield potential, resistance to disease and pest, early maturity
XII.	<b>Treatments:</b>	
	Farmers Practice (FP):	Rice variety- Lalat
	Technology option-I (TO-I)	Rice variety- Kalinga Dhan-1203
	Technology option-II (TO-II)	Rice variety- Kalinga Dhan-1204
	Technology option-II (TO-III)	Rice variety- Kalinga Dhan-1205
XIII.	<b>Critical Inputs:</b>	
XIV.	<b>Unit Size:</b>	1 ha
XV.	<b>No of Replications:</b>	07
XVI.	<b>Unit Cost:</b>	2000
XVII.	<b>Total Cost:</b>	14000
XVIII.	<b>Monitoring Indicator:</b>	No. of EBT/m <sup>2</sup> ,No. of filled grains/panicles, test weight, yield, economics
XIX.	<b>Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):</b>	OUAT Annual Report -2022 OUAT Annual Report -2022 OUAT Annual Report -2022

**OFT -03 (Agronomy.)**

I.	<b>Season:</b>	Rabi-2025-26 ( New)
II.	<b>Title of the OFT:</b>	<b>Assessment of natural farming practices in vegetable crops Code: 250AG11(KRS)</b>
III.	<b>Thematic Area:</b>	Natural farming
IV.	<b>Problem diagnosed:</b>	Use of more chemical fertilizer and pesticides
V.	<b>Important Cause:</b>	High cost of chemical farming, soil degradation, climate change effect.
VI.	<b>Production system:</b>	Soil fertility management, crop production practices, pest & disease management
VII.	<b>Micro farming system:</b>	Only use of on-farm inputs.
VIII.	<b>Technology for Testing:</b>	T O1: Okra + Cowpea (1:1)+Seed treatment with beejamrita 200 ml/kg seeds. T O 2 : Okra + Cluster bean (1:1)+ Green manuring through Dhaincha. Seed treatment with beejamrita 200 ml/kg of seeds for 7 hrs .
IX.	<b>Existing Practice:</b>	Use of chemical fertilizer
X.	<b>Hypothesis:</b>	
XI.	<b>Objective(s):</b>	Proper soil health management, production of chemical free products.
XII.	<b>Treatments:</b>	
	Farmers Practice (FP):	Okra- Sole crop
	Technology option-I (TO-I)	Okra + Cowpea (1:1)+Seed treatment with beejamrita 200 ml/kg seeds. Ghanjeevamrit 400 kg/acre 2 times 200 kg during sowing and 45 DAS (Placements)+ Application of Dhraavjeevamrit, Soil application 3 times @200 l/acre each at 30, 60 and 90 DAS and foliar spray 4 times at 15,45,75, and 105 DAS @ 10% spray. Marigold as border crop, spraying Neemastra and Agniastra @ 5l in 200l of water at 10 days interval alternatively. Spraying of sour butter milk @ 6L in 100 L of water on incidence of diseases
	Technology option-II (TO-II)	Okra + Cluster bean (1:1)+ Green manuring through Dhaincha. Seed treatment with beejamrita 200 ml/kg of seeds for 7 hrs . Application of FYM 200 kg/acre + Ghanjeevamrit 25 kg/acre during sowing + Application of jeevamrit Soil application 6 times @200 l each at 15 days interval after sowing along with irrigation water. 10 % desi cow urine spray if leaf turns yellow. 6 foliar spray of Jeevamrit @ 5 % at 20 days interval from sowing of main crop growing of trap crops marigold as border crop. Spraying Neemastra and Bhrahamstra @ 3 l in 100 l of water at 10 days interval alternatively. Spraying of sour butter milk @ 3l in 100 l of water on incidence of diseases.
XIII.	<b>Critical Inputs:</b>	Natural inputs such as breejaamrit, jivamrita etc.
XIV.	<b>Unit Size:</b>	1 ha
XV.	<b>No of Replications:</b>	07
XVI.	<b>Unit Cost:</b>	250
XVII.	<b>Total Cost:</b>	2000
XVIII.	<b>Monitoring Indicator:</b>	Sole crop and intercrop yield, main crop equivalent yield, changes in soil fertility parameters, soil pH, microbial counts, economics
XIX.	<b>Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):</b>	Source: (AP Natural farming model) Source: (Gujarat Natural farming)

**OFT-4 ( Soil Sc.)**

I.	<b>Season:</b>	Kharif 2025
II.	<b>Title of the OFT:</b>	<b>Assessment of integrated nutrient management in Kewda, Code: 24OSS06(K)</b>
III.	<b>Thematic Area:</b>	INM
IV.	<b>Problem diagnosed:</b>	Farmers are getting low flower yield due to non supplementation of nutrient
V.	<b>Important Cause:</b>	Imbalance use of nutrient
VI.	<b>Production system:</b>	Kewda
VI.	<b>Micro farming system:</b>	Kharif, irrigated-medium land.
VI.	<b>Technology for Testing:</b>	
IX.	<b>Existing Practice:</b>	Application of FYM @ 20 kg /pit/ year and no application of fertilizer
X.	<b>Hypothesis:</b>	Application of balanced nutrient enhances flower yield
XI.	<b>Objective(s):</b>	To increase productivity of the Kewda
XI.	<b>Treatments:</b>	
	Farmers Practice (FP):	Application of FYM @ 20 kg /pit/ year and no application of fertilizer
	Technology option-I (TO-I)	STD(NPK) + FYM @ 10 kg/ pit twice
	Technology option-II (TO-II)	STD(NPK) + FYM @ 10 kg/pit twice +inoculation of OUAT consortia bio-fertilizers to pre-limed( 5%) 300 kg FYM/VC(1:25) incubated for 7 days at 30% moisture and applied in the rhizosphere on the day of planting (RDF=50:25:25 g NPK/plant)
XI.	<b>Critical Inputs:</b>	consortia bio-fertilizers and NPK
XI.	<b>Unit Size:</b>	1.0 ha
XV.	<b>No of Replications:</b>	7
XV.	<b>Unit Cost:</b>	1500
XV.	<b>Total Cost:</b>	10500
XV.	<b>Monitoring Indicator:</b>	No. of flower/plant, length and weight of flower, soil testing values before and after crop
XI.	<b>Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):</b>	<b>Source:</b> AICRP on medicinal and aromatic plants, OUAT, 2015-16 <b>Source:</b> AINP on soil biodiversity-Biofertiliser, OUAT, 2018-19

**OFT-5( Soil Sc.)**

I.	<b>Season:</b>	Kharif 2025
II.	<b>Title of the OFT:</b>	<b>Assessment of standardisation of NPK dose in medium land rice , Code: 25OSS1K</b>
III.	<b>Thematic Area:</b>	INM
IV.	<b>Problem diagnosed:</b>	Lower yield of rice than the potential yield
V.	<b>Important Cause:</b>	Imbalance use of nutrient
VI.	<b>Production system:</b>	Rice - pulse
VII.	<b>Micro farming system:</b>	Rabi, irrigated-medium land.
VIII.	<b>Technology for Testing:</b>	Assessment of integrated nutrient management in ridge gourd
IX.	<b>Existing Practice:</b>	Application of N-P <sub>2</sub> O <sub>5</sub> -K <sub>2</sub> O (80:46:30)
X.	<b>Hypothesis:</b>	<b>Application of balance nutrient resulting potential yield of rice</b>
XI.	<b>Objective(s):</b>	To increase productivity of rice
XII.	<b>Treatments:</b>	
	Farmers Practice (FP):	Existing recommendation of N: P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O @ 80:40:40) kg/ha + FYM @ 5 t/ha
	Technology option-I (TO-I)	Application of N: P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O @ 80:40:60) kg/ha + FYM @ 5 t/ha
	Technology option-II (TO-II)	Application of N: P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O @ 100:50:50) kg/ha + FYM @ 5 t/h
XII.	<b>Critical Inputs:</b>	Fertilizer
XIII.	<b>Unit Size:</b>	2.0 ha
XIV.	<b>No. of Replications:</b>	7
XV.	<b>Unit Cost:</b>	2000
XVI.	<b>Total Cost:</b>	14000
XVII.	<b>Monitoring Indicator:</b>	No of tiller /hill, Thousand seed weight, Yield, soil test value, economics.
XVIII.	<b>Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):</b>	AICRP on LTFE, OUAT, BBSR 2019-20 RRTTS, BBSR 2024

**OFT-6 (Plant Protection)**

	<b>Season:</b>	Kharif – 2025
i.	<b>Title of the OFT:</b>	<b>Assessment of different management practices for YSB and Leaf folder in Rice, Code: 24OPP01(K)</b>
ii.	<b>Thematic Area:</b>	IPM
iii.	<b>Problem diagnosed:</b>	Low yield due to heavy infestation of yellow stem borer and leaf folder as regular pest in rice
iv.	<b>Important Cause:</b>	YSB and Leaf folder
v.	<b>Production system:</b>	Rice - Pulse
vi.	<b>Micro farming system:</b>	Irrigated-medium land,
vii.	<b>Technology for Testing:</b>	TO1: Foliar spray of Flubendiamide 20% WG @ 125 g/ha at the vegetative phase and at flowering stage  TO2: Foliar spray with Tetraniliprole 20SC @ 250 ml/ha at 25, 45 and 65 DAT  TO3: Soil application twice of (Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% G) @ 7.5 kg/ha at 30 DAT and PI stage
viii.	<b>Existing Practice:</b>	
ix.	<b>Hypothesis:</b>	All technology will pest infestation in rice
x.	<b>Objective(s):</b>	To reduce the pest infestation and enhance the yield.
xi.	<b>Treatments:</b>	
	Farmers Practice (FP):	Foliar spray with (Chlorpyrifos + Cypermethrin) 1 l/ha @ or Profenophos @ 1l/ha
	Technology option-I (TO-I):	Foliar spray of Flubendiamide 20% WG @ 125 g/ha at the vegetative phase and at flowering stage
	Technology option-II (TO-II): and so on.....	Foliar spray with Tetraniliprole 20 % SC @ 250 ml/ha at 25, 45 and 65 DAT
	Technology option-III (TO-III): and so on.....	Soil application twice of (Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% G) @ 7.5 kg/ha at 30 DAT and PI stage
xii.	<b>Critical Inputs:</b>	Flubendiamide 20% WG, Tetraniliprole 20 % SC and Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% G
xiii.	<b>Unit Size:</b>	1ha
xiv.	<b>No of Replications:</b>	07
xv.	<b>Unit Cost:</b>	2500
xvi.	<b>Total Cost:</b>	17500
xvii.	<b>Monitoring Indicator:</b>	DH%, WEH%, leaf folder infestation %, egg mass/ hill
xviii.	<b>Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):</b>	Dept. of Entomology, OUAT – 2023 AICRP on Rice, Chiplima - 2023 RRTTS, Ranital, OUAT - 2023

**OFT-7 (Plant Protection)**

i.	<b>Season:</b>	Rabi 2025-26
ii.	<b>Title of the OFT:</b>	<b>Assessment of management practices against pod borer complex in Greengram (New), 23OPP06(R)</b>
iii.	<b>Thematic Area:</b>	IPM
iv.	<b>Problem diagnosed:</b>	Indiscriminate use of chemical pesticides leads to resurgence in pod borer complexity, low yield, less eco – friendly
v.	<b>Important Cause:</b>	Pod borer complex
vi.	<b>Production system:</b>	Rice-pulse cropping system
vii.	<b>Micro farming system:</b>	Irrigated-medium land,
viii.	<b>Technology for Testing:</b>	TO1: Foliar spray of NSKE 5% at 30 DAS followed by Chlorantraniliprole 18.5 SC @ 200 ml/ha at 45 DAS  TO2: Foliar spray of NEEM OIL 1500PPM @3ml/lit at 30 days after sowing (DAS) followed by Flubendiamide 39.35% SC 200 ml/ha at 45 DAS
ix.	<b>Existing Practice:</b>	Spraying of Chloropyriphos@ 1 lt/ha .
x.	<b>Hypothesis:</b>	Both the treatment will used to control pod borer complexity in greengram
xi.	<b>Objective(s):</b>	To reduce the pest infestation and enhance the yield
	<b>Treatments:</b>	
	Farmers Practice (FP):	Spraying of Chloropyriphos@ 1 lt/ha .
	Technology option-I (TO-I):	Foliar spray of NSKE 5% at 30 DAS followed by Chlorantraniliprole 18.5 SC @ 200 ml/ha at 45 DAS
xii.	Technology option-II (TO-II): and so on.....	Foliar spray of NEEM OIL 1500PPM @3ml/lit at 30 days after sowing (DAS) followed by Flubendiamide 39.35% SC 200 ml/ha at 45 DAS
xiii.	<b>Critical Inputs:</b>	NSKE 5%, Chlorantraniliprole, NEEM OIL 1500PPM, Flubendiamide
xiv.	<b>Unit Size:</b>	1 ha
xv.	<b>No of Replications:</b>	07 (Medinipur, Ralab. Badakharida),
xvi.	<b>Unit Cost:</b>	3000
xvii.	<b>Total Cost:</b>	21000
xviii.	<b>Monitoring Indicator:</b>	No. of damaged pods/plant, ICBR ,Yield (q/ha), B:C ratio
xix.	<b>Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):</b>	TO <sub>1</sub> : Dept. of Entomology, OUAT, 2023 TO <sub>2</sub> : OUAT, AR, 2018

### OFT-8 Fishery Science

i.	<b>Season:</b>	Rabi -2026
ii.	<b>Title of the OFT:</b>	<b>Assessment of economic performance of different species in Biofloc system 24OFS01(Y)</b>
iii.	<b>Thematic Area:</b>	Production and management
iv.	<b>Problem diagnosed:</b>	Low yield and economic loss from the existing system
v.	<b>Important Cause:</b>	Improper species and floc management control measures
vi.	<b>Production system:</b>	BIOFLOC production system, Intensive farming
vii.	<b>Micro farming system:</b>	Backyard
viii.	<b>Technology for Testing:</b>	Testing of different species suitable in Biofloc system
ix.	<b>Existing Practice:</b>	Indiscriminate floc management and species selection
x.	<b>Hypothesis:</b>	Both species selection and floc management is key to success of biofloc fish farming
xi.	<b>Objective(s):</b>	To find-out the suitable fish species in terms of production and economics in Biofloc farming system. To establish the effectiveness of floc management To validate the result in different locations.
xii.	<b>Treatments:</b>	
	Farmers Practice (FP):	Stocking Vietnam koi @ 100 per m <sup>3</sup>
	Technology option-I (TO-I):	Tilapia fingerlings @ 100 per m <sup>3</sup>
	Technology option-II (TO-II):	Singhi fingerlings @ 150 per m <sup>3</sup>
xiii.	<b>Critical Inputs:</b>	Fish fingerlings
xiv.	<b>Unit Size:</b>	15,000 lt capacity (1 Unit)
xv.	<b>No of Replications:</b>	07
xvi.	<b>Unit Cost:</b>	1750
xvii.	<b>Total Cost:</b>	12250
xviii.	<b>Monitoring Indicator:</b>	ABW (gm), Survivability (%), Yield, Income, B:C Ratio

xix.	<b>Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):</b>	Technical Bulletin (NFDB, 2018)
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#### OFT-9 Fishery Science

i.	<b>Season:</b>	Kharif 2025
ii.	<b>Title of the OFT:</b>	<b>Assessment of wet feeds on growth performance of mud crab (<i>Scylla serrata</i>) fattening, Code-24OFS05(Y)</b>
iii.	<b>Thematic Area:</b>	Production management
iv.	<b>Problem diagnosed:</b>	Indiscriminate feeding and low weight gain during culture period
v.	<b>Important Cause:</b>	Mortality and cannibalism; Less growth in stipulated time
vi.	<b>Production system:</b>	Brackish water production system
vii.	<b>Micro farming system:</b>	Irrigated/Rain-fed Extensive.
viii.	<b>Technology for Testing:</b>	Recommended stocking density with feeding management
ix.	<b>Existing Practice:</b>	Crab culture
x.	<b>Hypothesis:</b>	Fattening of the soft shell crab with optimum feeding can lead to required weight gain and less mortality
xi.	<b>Objective(s):</b>	To find out the alternative cheap source of protein feed for crab farming/fattening
xii.	<b>Treatments:</b>	
	Farmers Practice (FP):	Indiscriminate feeding of trash fish
	Technology option-I (TO-I):	Feeding with Chicken waste (Viscera mass) @10-6 % Body weight
	Technology option-II (TO-II):	Feeding with low value fish@10-6% B wt.
xiii.	<b>Critical Inputs:</b>	Trash fish / Chicken viscera mass
xiv.	<b>Unit Size:</b>	0.04-0.2 ha
xv.	<b>No of Replications:</b>	05
xvi.	<b>Unit Cost:</b>	2800
xvii.	<b>Total Cost:</b>	14000
xviii.	<b>Monitoring Indicator:</b>	Average body weight (BW), Carapace width (CW) & Weight gain (WG), Survivability (%), Yield (q/ha), B:C ratio, Salinity, pH, DO <sub>2</sub> , Hardness, Alkalinity
xix.	<b>Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):</b>	KUFOS, 2023, CIBA, 2022

### OFT-10 Agriculture Extension

I.	<b>Season:</b>	Kharif/ Rabi 2025 -26
II.	<b>Title of the OFT:</b>	Assessment of suitable marketing strategies for better marketing of high value crops, <b>Code:.24OEE04(Y)</b>
III.	<b>Thematic Area:</b>	Marketing management
IV.	<b>Problem diagnosed:</b>	Lack of proper market avenues.
V.	<b>Important Cause:</b>	Traditional marketing through Haat consumes more time and reduce extra benefits
VI.	<b>Production system:</b>	Vegetable
VII.	<b>Micro farming system:</b>	-
VIII.	<b>Technology for Testing:</b>	Fixing a banner at suitable place, preferably at main road indicating the place of production, mentioning the special quality of the produce (Fresh / sweetness / organic etc.) with catchy captions and picture to attract the costumers
IX.	<b>Existing Practice:</b>	Traditional marketing through in local market /Haat
X.	<b>Hypothesis:</b>	<b>TO<sub>1</sub>:</b> Sell to local traders at the farm gate/local Haat <b>TO<sub>2</sub>:</b> Fixing a banner at suitable place, preferably at main road indicating the place of production, mentioning the special quality of the produce (Fresh / sweetness / organic etc.) with catchy captions and picture to attract the costumers
XI.	<b>Objective(s):</b>	To create market avenues near the farm to reduce the time consume and hues net profit near the farm
XII.	<b>Treatments:</b>	
	Farmers Practice (FP):	Traditional marketing through in local market /Haat
	Technology option-I (TO-I)	Sell to local traders at the farm gate
	Technology option-II (TO-II)	Fixing a banner at suitable place, preferably at main road indicating the place of production, mentioning the special quality of the produce (Fresh / sweetness / organic etc.) with catchy captions and picture to attract the costumers
	Technology option-III (TO-III)	
XIII.	<b>Critical Inputs:</b>	Banner
XIV.	<b>Unit Size:</b>	-
XV.	<b>No of Replications:</b>	15
XVI.	<b>Unit Cost:</b>	300
XVII.	<b>Total Cost:</b>	4500
XVIII.	<b>Monitoring Indicator:</b>	Quantity of produce, price at local market, traders price, gate sale price, Quantity sold by different methods, Feedback of customers on the banner, quality of the produce
XIX.	<b>Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):</b>	-

**OFT-11 Agriculture Extension**

I.	<b>Season:</b>	Kharif /Rabi 2025-26
II.	<b>Title of the OFT:</b>	<b>Assessing efficacy of different channels to get appropriate technology from reliable sources Code:.24OEE09(Y)</b>
III.	<b>Thematic Area:</b>	Marketing management
IV.	<b>Problem diagnosed:</b>	Non availability of appropriate technology at farmers door step which needs immediate attention in non accessible areas .
V.	<b>Important Cause:</b>	
VI.	<b>Production system:</b>	
VII.	<b>Micro farming system:</b>	-
VIII.	<b>Technology for Testing:</b>	Assessing efficacy of different channels to get appropriate technology from reliable sources
IX.	<b>Existing Practice:</b>	F-F extension
X.	<b>Hypothesis:</b>	TO <sub>1</sub> : Print media TO <sub>2</sub> : Blackboard technology
XI.	<b>Objective(s):</b>	
XII.	<b>Treatments:</b>	
	Farmers Practice (FP):	F-F extension
	Technology option-I (TO-I)	Print media
	Technology option-II (TO-II)	Blackboard technology
	Technology option-III (TO-III)	-
XIII.	<b>Critical Inputs:</b>	Banner
XIV.	<b>Unit Size:</b>	-
XV.	<b>No of Replications:</b>	-
XVI.	<b>Unit Cost:</b>	300
XVII.	<b>Total Cost:</b>	4500
XVIII.	<b>Monitoring Indicator:</b>	Timely availability of the information, understanding of the technology, easy to use, Change in Knowledge, technology adoption (%)
XIX.	<b>Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):</b>	-

\*Repeat the same format for EACH OFT being proposed.

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

<b>Sl. No.</b>	<b>Name of the project</b>	<b>Fund expected (Rs.)</b>
<b>1</b>	<b>RIISE</b>	<b>100000</b>

<b>2</b>	<b>FPO</b>	<b>150000</b>

**11. No. of success stories proposed to be developed with their tentative titles- 2 nos**

**12. Scientific Advisory Committee**

<b>Date of SAC meeting held during 2024-25</b>	<b>Proposed date during 2025-2026</b>
17.12.2024	December 2025

**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	500											50	1000
Water Samples	50											10	100
Other (Please specify)													
<b>Total</b>	<b>550</b>											<b>60</b>	<b>1100</b>

**14. Fund requirement and expenditure (Rs.)\***

Heads	Expenditure (last year) (Rs.) up to 31.03.2025	Expected fund requirement (Rs.)
Contingency	898800	1500000
SCSP	1000000	2000000
NON RECURRING (Demo unit)	350000	500000
TA	150000	200000
HRD	30000	30000
LIBRARY	10000	20000
<b>Total</b>	<b>2438800</b>	<b>4350000</b>

\* 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**