ACTION PLAN
(2025)

KRISHI VIGYAN KENDRA

RAYAGADA

ODISHA

Odisha University of Agriculture & Technology

Bhubaneswar -751003

Odisha

ACTION PLAN 2025

1. Name of the KVK: Krishi Vigyan Kendra, Rayagada

Address	Telephone		E mail
Krishi Vigyan Kendra AT/PO- Gunupur Dist.: Rayagada (Odisha) Pin – 765022	06857 -250255	06857 -250255	kvk.rayagada@ouat.ac.in kvkrayagada.ouat@gmail.com

2. Name of host organization :

Address	Telephone		E mail
	Office	FAX	
Directorate of Extension Education Odisha University of Agriculture and Technology Bhubaneswar – 751003 State-Odisha	0674- 2397362	0674-2397933	deanextensionouat@yahoo.com dee@ouat.ac.in deanextension_ouat@rediffmail.com

3. Training programme to be organized (April 2024 to March 2025)

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
Integrated Crop Management	Improved production technology of Dhaincha	1	1	ON	20.05.25	-	-	-	-	-	-	-	-	25
Weed Management	Integrated weed management in Maize	1	1	ON	26.05.25	-	-	-	-	-	-	-	-	25
Integrated Crop Management	Integrated nutrient management in Cotton	1	1	ON	16.06.25	-	-	-	-	-	-	-	-	25
Crop Diversification	Crop Diversification in rainfed upland	1	1	OFF	30.06.25	-	-	-	-	-	-	-	-	25
Weed Management	Integrated weed management in Finger millet	1	1	OFF	07.07.25	-	-	-	-	-	-	-	-	25
Integrated crop management	Integrated crop management in Pigeon pea	1	1	OFF	30.07.25	-	-	-	-	-	-	-	-	25
Integrated Crop	Integrated nutrient management in	1	1	OFF	20.08.25	-	-	-	-	-	-	-	-	25

Management	Blackgram													
Production of Organic Input	Preparation of Bio Inputs of Natural farming	1	1	ON	03.09.25	-	-	-	-	-	-	-	-	25
Integrated Crop Management	Integrated Nutrient management in Sunflower	1	1	OFF	08.10.25	-	-	-	-	-	-	-	-	25
Integrated Crop Management	Integrated Nutrient management in Cabbage	1	1	OFF	04 .11.25	-	-	-	-	-	-	-	-	25
Cropping systems	Cropping intensification in rice fallow area	1	1	ON	03.12.25	-	-	-	-	-	-	-	-	25
Integrated Crop Management	Integrated Nutrient management in Sesame	1	1	OFF	20.12.25	-	-	-	-	-	-	-	-	25
Yield increment	Package of practice of okra cultivation with successful results	1	1	OFF	23.05.25	-	-	-	-	-	-	-	-	25
Yield increment	Chilli cultivation with advance guidance for successful growth and yield	1	1	Off	27.05.25	-	-	-	-	-	-	-	-	25
Cultivation of fruit	Agro techniques for guava production	1	1	ON	13.06.25	-	-	-	-	-	-	-	-	25
Nursery raising	Nursery management and bed preparation	1	1	ON	25.06.25	-	-	-	-	-	-	-	-	25
Yield increment	Scientific method of cultivation in drumstick	1	1	ON	04.07.25	-	-	-	-	-	-	-	-	25
Integrated nutrient management	Nutrient management in brinjal	1	1	OFF	11.07.25	-	-	-	-	-	-	-	-	25
Flower cultivation	Package of practice in cultivation of marigold	1	1	OFF	01.08.25	-	-	-	-	-	-	-	-	25
Protective cultivation	Different types of mulching in fruits and vegetable and its benefit	1	1	OFF	08.08.25	-	-	-	-	-	-	-	-	25
Yield increment	Package of practice for cultivation of	1	1	ON	04.09.25	-	-	-	-	-	-	-	-	25

	garden pea													
Yield increment	Innovative technology for Allium (onion cultivation)	1	1	ON	10.09.25	-	-	-	-	-	-	-	-	25
Training and Pruning	Training and prunning in fruit crops	1	1	ON	17.10.25	-	-	-	-	-	-	-	-	25
Yield increment	Intercropping in vegetable crops	1	1	ON	31.10.25	-	-	-	-	-	-	-	-	25
Integrated Pest and Disease Management	Integrated disease and pest management in oilseed crops	1	1	OFF	06.04.25	-	-	-	-	-	-	-	-	25
Scientific beekeeping	Scientific beekeeping	1	1	OFF	20.05.25	-	-	-	-	-	-	-	-	25
Integrated Pest Management	Integrated pest management in summer vegetables	1	1	OFF	28.05.25	-	-	-	-	-	-	-	-	25
Scientific beekeeping	Scientific beekeeping	1	1	OFF	16.06.25	-	-	-	-	-	-	-	-	25
Integrated Disease Management	Integrated disease management in vegetables	1	1	OFF	11.07.25	-	-	-	-	-	-	-	-	25
Integrated Pest Management	Integrated pest management in cotton	1	1	ON	07.08.25	-	-	-	-	-	-	-	-	25
Integrated Disease Management	Integrated Pest and Disease Management in ragi	1	1	OFF	20.08.25	-	-	-	-	-	-	-	-	25
Integrated Disease Management	Integrated pest disease management in rice	1	1	OFF	11.09.25	-	-	-	-	-	-	-	-	25
Integrated Pest and Disease Management	Integrated Pest and Disease Management in pigeon pea	1	1	ON	24.10.25	-	-	-	-	-	-	-	-	25
Integrated Pest and Disease Management	Integrated Pest and Disease Management in winter vegetables	1	1	ON	29.11.25	-	-	-	-	-	-	-	-	25
Integrated Disease Management	Pest and disease management in fruit crops	1	1	ON	11.12.25	-	-	-	-	-	-	-	-	25
Integrated Pest Management	Integrated pest management in pulses	1	1	OFF	22.12.25	-	-	-	-	-	-	-	-	25
Value addition	Value addition of Tamarind	1	1	ON	16.04.25	-	-	-	-	-	-	-	-	25
Gender mainstreamin	Gender man streaming through SHG	1	1	ON	14.05.25	-	-	-	-	-	-	-	-	25

g through SHGs														
Household food security by kitchen gardening and nutrition gardening	Training on designing, layout and development of nutritional garden for household nutrition security	1	1	ON	17.06.25	-	-	-	-	-	-	-	-	25
Enterprise development	Enterprise development through paddy straw mushroom cultivation	1	1	OFF	08.07.25	-	-	-	-	-	-	-	-	25
Location specific drudgery reduction technologies	Use of women friendly farm equipment for drudgery reduction	1	1	OFF	18.08.25	-	-	-	-	-	-	-	-	25
Income generation activities for empowermen t of rural women	Training on tuberose cultivation	1	1	ON	16.09.25	-	-	-	-	-	-	-	-	25
Storage loss minimization techniques	Store grain pest control through ITK	1	1	OFF	16.10.25	-	-	-	-	-	-	-	-	25
Income generation activities for empowermen t of rural women	Training on rearing of improved poultry breed for income generation and nutrition security	1	1	OFF	13.11.25	-	-	-	-	-	-	-	-	25
Income generation activities for empowermen t of rural Women	Training on scientific brooding management of chicks	1	1	ON	26.11.25	-	-	-	-	-	-	-	-	25
Mushroom cultivation	Oyster mushroom cultivation by farm women for income generation	2	2	OFF ON	13.11.25 09.12.25	-	-	-	-	-	-	-	-	50
Value addition	Training on preparation of ragi malt	1	1	ON	23.12.25	-	-	-	-	-	-	-	-	25

(a) 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
Soil health management	Method of soil sampling, analysis and interpretation of results	1	2	ON	26.11.25 and 27.11.25	-	-	-	-	-	-	-	-	15
Integrated farming	Integrated Farming System for Livelihood security	1	2	ON	09.02.26 and 10.02.26	-	-	-	-	-	-	-	-	15
Production of organic inputs	Techniques of vermiculture and vermicomposting	1	2	ON	11.11.25 and 12.11.25	-	-	-	-	-	-	-	-	15
Seed production	Seed production of Pulses	1	2	ON	16.12.25 and 17.12.25	-	-	-	-	-	-	-	-	15
Nursery Management of Horticulture crops	Techniques of nursery raising of vegetables in shade net house	1	2	ON	25.07. 25	-	-	-	-	-	-	-	-	15
Propagation of horticultural crops	Plant propagation techniques in fruit crops	1	2	ON	19.09.25	-	-	-	-	-	-	-	-	15
Nursery Management of Horticulture crops	Importance of protective cultivation in green houses/ shed net	1	2	ON	14.11.25	-	-	-	-	-	-	-	-	15
Orchard management	Scientific package of practices for orchard management	1	2	ON	12.12.25	-	-	-	-	-	-	-	-	15

Integrated Pest and Disease Management	Integrated pest and disease management in vegetables	1	2	ON	11.09.25 12.09.25	-	-	-	-	-	-	-	-	15
Integrated Pest Management	Preparation and use of different types of traps to manage pests in field crops	1	2	ON	03.10.25 04.10.25	-	-	-	-	-	-	-	-	15
Integrated Pest Management	Importance of natural enemies for control of insects -pests in vegetables	1	2	ON	19.11.25 20.11.25	-	-	-	-	-	-	-	-	15
Scientific beekeeping	Honey bee rearing	1	2	ON	11.12.25 12.12.25	-	-	-	-	-	-	-	-	15
Enterprise development	Training on Mushroom spawn production	1	2	ON	05.06.25 06.06.25	-	-	-	-	-	-	-	-	15
Mushroom cultivation	Paddy straw mushroom cultivation by school dropouts	1	2	ON	17.07.25	-	-	-	-	-	-	-	-	15
Value addition	Value addition of Tamarind	1	2	ON	03.12.25 04.12.2025	-	-	-	-	-	-	-	-	15
Enterprise development	Floriculture is a profitable enterprise for lean season unemployment	1	2	ON	06.08.25 07.08.25	-	-	-	-	-	-	-	-	15

(b) 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 Production	Weed management in rice	1	2	ON	16.07.25 &17.07.25	-	-	-	-	-	-	-	-	10
Soil health management	Practices of Natural farming	1	2	ON	27.01.26 & 28.01.26	-	-	-	-	-	-	-	-	10
Hi-tech horticulture	Application of hi-tech horticultural technologies in fruit cultivation	1	2	ON	25.08.25	-	-	-	-	-	-	-	-	10
Hi-tech horticulture	Updating IS personnel knowledge on application of precision farming in cashew cultivation	1	2	ON	10.11.25	-	-	-	-	-	-	-	-	10
Pest and disease management	Pest and disease management using biological method	1	2	ON	27.11.25 & 28.11.25	-	-	-	-	-	-	-	-	10
Integrated pest and disease management	Integrated pest and disease management in horticultural crops	1	2	ON	18.12.25 & 19.12.25	-	-	-	-	-	-	-	-	10
Low cost and nutrient efficient diet designing	Preparation of nutritious diet from locally available resources	1	2	ON	10.12.25 11.12.25	-	-	-	-	-	-	-	-	10
Gender mainstreaming through SHGs	Preparation of vermicompost	1	2	ON	19.08.25 20.08.25	-	-	-	-	-	-	-	-	10

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	2	-	-	-	-	-	-	-	-	-	-	-	50
Resource Conservation Technologies													
Cropping Systems	1	-	-	-	-	-	-	-	-	-	-	-	25
Crop Diversification	1	-	-	-	-	-	-	-	-	-	-	-	25
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	7	-	-	-	-	-	-	-	-	-	-	-	175
Fodder production													
Production of organic inputs	1	-	-	-	-	-	-	-	-	-	-	-	25
Others, (cultivation of crops)		-	-	-	-	-	-	-	-	-	-	-	
TOTAL	12	-	-	-	-	-	-	-	-	-	-	-	300
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	-	-	-	-	-	-	-	-	-	-	-	25
Water management													
Enterprise development													
Skill development													
Yield increment	6	-	-	-	-	-	-	-	-	-	-	-	150
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising	1	-	-	-	-	-	-	-	-	-	-	-	25
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)	1	-	-	-	-	-	-	-	-	-	-	-	25
Others, if any (Cultivation of Vegetable)													

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
TOTAL													
b) Fruits													
Training and Pruning	1	-	-	-	-	-	-	-	-	-	-	-	25
Layout and Management of Orchards													
Cultivation of Fruit	1	-	-	-	-	-	-	-	-	-	-	-	25
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any Flower cultivation	1	-	-	-	-	-	-	-	-	-	-	-	25
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													

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
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	12	-	-	-	-	-	-	-	-	-	-	-	300
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
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													

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
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1												25
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	-	-	-	-	-	-	-	-	-	-	-	25
Storage loss minimization techniques	1	-	-	-	-	-	-	-	-	-	-	-	25
Enterprise development	1	-	-	-	-	-	-	-	-	-	-	-	25
Value addition	2	-	-	-	-	-	-	-	-	-	-	-	50
Income generation activities for empowerment of rural Women	3	-	-	-	-	-	-	-	-	-	-	-	75
Location specific drudgery reduction technologies	1	-	-	-	-	-	-	-	-	-	-	-	25
Rural Crafts													
Capacity building													
Women and child care													
Others, if any (Mushroom cultivation)	2	-	-	-	-	-	-	-	-	-	-	-	50
TOTAL	12	-	-	-	-	-	-	-	-	-	-	-	300
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value													

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
addition													
Post Harvest Technology													
Others, if any													
TOTAL													
VII. Plant Protection													
Integrated Pest Management	3	-	-	-	-	-	-	-	-	-	-	-	75
Integrated Disease Management	4	-	-	-	-	-	-	-	-	-	-	-	100
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any (Integrated Pest and Disease Management)	3	-	-	-	-	-	-	-	-	-	-	-	75
Scientific bee keeping	2	-	-	-	-	-	-	-	-	-	-	-	50
TOTAL	12	-	-	-	-	-	-	-	-	-	-	-	300
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													

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
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL	**48**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1200**

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	1	-	-	-	-	-	-	-	-	-	-	-	15
Bee-keeping	1	-	-	-	-	-	-	-	-	-	-	-	15
Integrated farming	1	-	-	-	-	-	-	-	-	-	-	-	15
Seed production	1	-	-	-	-	-	-	-	-	-	-	-	15
Production of organic inputs	1	-	-	-	-	-	-	-	-	-	-	-	15
Planting material production	1	-	-	-	-	-	-	-	-	-	-	-	15
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	2	-	-	-	-	-	-	-	-	-	-	-	30
Training and pruning of orchards													
Value addition	1	-	-	-	-	-	-	-	-	-	-	-	15
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													

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
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	2	-	-	-	-	-	-	-	-	-	-	-	30
Others if any (ICT application in agriculture)													
Orchard management	1	-	-	-	-	-	-	-	-	-	-	-	15
Soil health management	1	-	-	-	-	-	-	-	-	-	-	-	15
Integrated Pest and Disease Management	3	-	-	-	-	-	-	-	-	-	-	-	75
TOTAL	16	-	-	-	-	-	-	-	-	-	-	-	240

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	1	-	-	-	-	-	-	-	-	-	-	-	10
Integrated Pest Management	2	-	-	-	-	-	-	-	-	-	-	-	20
Integrated Nutrient management	1	-	-	-	-	-	-	-	-	-	-	-	10
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	1	-	-	-	-	-	-	-	-	-	-	-	10
Production and use of organic inputs													
Gender mainstreaming through SHGs	1	-	-	-	-	-	-	-	-	-	-	-	10
Crop intensification													
Others if any (Hi-tech horticulture)	2	-	-	-	-	-	-	-	-	-	-	-	20
Seed production in pigeon pea													
Xeriscaping, vertical gardens and new concepts in landscaping													
TOTAL	8	-	-	-	-	-	-	-	-	-	-	-	80

b) Frontline demonstration to be conducted*

FLD- 1: Demonstration on high yielding rice variety Kalinga Dhan 1203. Code-25FAG2K

Crop: Rice
Thrust Area: Varietal evaluation
Thematic Area: Crop production
Season: Kharif, 2025
Farming Situation: Rainfed-Medium land

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Rice	2 ha	Cultivation of high yielding rice variety Kalinga Dhan 1203	Plant height, EBT/ plant, Grains/ panicle, 1000 seed weight and grain yield	Seeds	68500	62800	-	-	-	-	-	-	-	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Demonstration on rice variety Kalinga Dhan 1203	01	All stakeholders	01	Off	-	-	-	-	-	-	-	-	20
Training	Integrated Nutrient management in Rice	01	F/FW	01	Off	-	-	-	-	-	-	-	-	25

FLD- 2: Demonstration on weed management in Finger millet. Code- 23FAG29(K)

Crop: Ragi
Thrust Area: Weed Management
Thematic Area:Crop Production
Season: Kharif, 2024
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.	Ragi	2 ha	Pre-emergence application of (Bensulfuron methyl 0.6%+ pretilachlor 6%) at 0.66kg/ha at 2 DAT fb 2,4-D ethyl ester 0.50 kg/ha at 30 DAT	Weed counts/m^2, No. of ear heads/ hill, no. of grains/finger, yield, Economics	Bensulfuron methyl 0.6%+ pretilachlor 6%, 2,4-D ethyl ester 0.50 kg/ha	-	-	-	-	-	-	-	-	-	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Demonstration on weed management in Finger millet	01	All stakeholders	01	Off	-	-	-	-	-	-	-	-	20
Training	Weed management in Finger millet	01	F/FW	01	Off	-	-	-	-	-	-	-	-	25

FLD- 3: Demonstration on high yielding variety of sesamum var. Kalinga Sesame 3-1 .Code-25FAG21(R)

Crop: Sesame

Thrust Area: Varietal evaluation

Thematic Area: Crop Production

Season: Rabi, 2025-26

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
4	Sesame	2 ha	Cultivation of high yielding variety of sesamum var. Kalinga Sesame 3-1	No. of pods/plant, yield, economics	Seeds	-	-	-	-	-	-	-	-	-	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Demonstration on high yielding variety of sesamum var. Kalinga Sesame 3-1	01	All stakeholders	01	Off	-	-	-	-	-	-	-	-	20
Training	Integrated nutrient management in Sesame	01	F/FW	01	Off	-	-	-	-	-	-	-	-	25

FLD- 4: Demonstration on Integrated Nutrient Management in Cabbage. Code- 24FSS08(R)

Crop: Cabbage
Thrust Area: Integrated Nutrient Management
Thematic Area: Vegetable cultivation
Season: Rabi, 2024-25
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	Cabbage	2ha	STBF+ consortia biofertilizer (Azotobacter, Azospirillum and PSB @ 12 kg/ha, pre-limed (5%), 300kg vermicompost (1:25) incubated for 7 days	No. of fingers/ Panicle, Effective tillers/Hill Grain yield	Consortia biofertilizer and vermicompost	-	-	-	-	-	-	-	-	-	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Demonstration on Integrated Nutrient Management in Cabbage	01	All stakeholders	01	Off	-	-	-	-	-	-	-	-	20
Training	Integrated Nutrient Management in Cabbage	01	F/FW	01	Off	-	-	-	-	-	-	-	-	25

FLD- 5: Demonstration of bending technology in guava for increasing productivity. Code-24FHO05 (K)

Crop: Guava

Thrust Area: Yield enhancement

Thematic Area: Fruit cultivation

Season: Kharif, 2025

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	Guava	1 ha.	In the month of September, branch bending to done by retaining 10-15 pairs of leaves at apex and removing all the leaves, flowers and developing fruits manually. Branches were bent down by applying pressure gradually from proximal to distal end of branch. They are to be kept at bent position by tying the tip of branches to the wooden pegs fixed on the ground with the help of rope till flushing completes, for 40-45 days.	% of fruit set, No. of fruits/plant	Wooden peg and nylon wire	270000	260000	-	-	-	-	-	-	-	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Demonstration on bending technology in guava for increasing productivity	01	All stakeholders	01	Off	-	-	-	-	-	-	-	-	20
Training	Bending technology in guava production	01	F/FW	01	-	-	-	-	-	-	-	-	-	25

FLD- 6: Demonstration on high yielding tomato variety Kalinga Tomato 121. Code-24FHO03 (R)

Crop: Tomato
Thrust Area: Varietal replacement
Thematic Area: Vegetable cultivation
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	Tomato	0.4 ha.	Demonstration of high yielding tomato variety Kalinga Tomato 121	No. of fruits/plant, Wt. of the fruit (gm), Yield & BC Ratio	Tomato Seedlings	60000	65000	-	-	-	-	-	-	-	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Demonstration on high yielding tomato variety Kalinga Tomato 121	01	All stakeholders	01	Off	-	-	-	-	-	-	-	-	20
Training	Modern tomato farming and production methods	01	F/FW	01	-	-	-	-	-	-	-	-	-	25

FLD- 7: Demonstration on INM practices in marigold. Code- 25HO17 (K/R)

Crop: Marigold
Thrust Area: Integrated Nutrient Management
Thematic Area: Flower cultivation
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	Marigold	0.4 ha	Demonstration on INM practices in marigold	No. of flowers/plant, flower wt.(gm.), shelf life yield (q/ha)	Micro-nutrients and bio-fertilizers	80000	90000	-	-	-	-	-	-	-	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Demonstration on INM practices in marigold	01	All stakeholders	01	Off	-	-	-	-	-	-	-	-	20
Training	Cultivation of marigold with INM	01	F/FW	01	-	-	-	-	-	-	-	-	-	25

FLD- 8: Demonstration on growth promoter for improving fruit retention, yield and quality of Mango. Code-24FHO07 (R)

Crop: Mango
Thrust Area: Yield enhancement
Thematic Area: Orchard management
Season: Rabi 2025- 26
Farming Situation: Rainfed up 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	Mango	2 ha	Application of triacontanol (3 ppm) at panicle initiation, pea, and marble stage of fruit growth	% of fruit set, No. of fruits/panicle, Yield(q/ha)	Triacontanol	400000	385000	-	-	-	-	-	-	-	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Demonstration of growth promoter for improving fruit retention, yield, and quality of Mango	01	All stakeholders	01	Off	-	-	-	-	-	-	-	-	20
Training	Mango tree management for better yield	01	F/FW	01	-	-	-	-	-	-	-	-	-	25

FLD- 9: Demonstration on integrated management of thrips and mite in Chilli. Code: 24FPP22 (K/R)
Crop: Chilli
Thrust Area: Integrated Pest Management
Thematic Area: Crop protection
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.	Chilli	1 ha	Soil application of Neem cake @ 2.5 q/ha, installation of blue sticky traps @ 50 nos/ha at 25 DAT, alternate application of Difenthiuron 50WP @ 625 g/ha and Spiromesifen 240 SC @ 500 ml/ha at 10 days interval starting from 30 DAT.	Mean population of mites &thrips/ 3 leaves, Infested plants/10 m^2,	Neem cake, Blue sticky trap, Difenthiuron 50WP, Spiromesifen 240 SC	115600	115000	0	0	6	0	4	0	10	0	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Field day on integrated management of thrips and mite in Chilli	1	All stakeholders	01	Off	-	-	-	-	-	-	-	-	20
Training	Integrated management of thrips and mite in Chilli	01	F&FW	1 day	Off	-	-	-	-	-	-	-	-	25

FLD- 10: Demonstration on fruit borer management in okra. Code-24FPP21 (K/R)

Crop: Okra

Thrust Area: Pest management
Thematic Area: Crop protection
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.	Okra	2 ha	Application of Chlorantraniliprole 18.5% SC @150ml/ha twice at 30and 45 DAS	Affected plant/ sq.m., pest infestation (%) and farmers' feedback	Chlorantraniliprole 18.5% SC	148600	147900	-	-	-	-	-	-	-	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Field day on fruit borer management in okra	1	All stakeholders	01	Off	-	-	-	-	-	-	-	-	20
Training	Fruit borer management in okra	1	F&FW	1 day	Off	3	1	10	5	4	2	17	8	25

FLD-11: Demonstration on Anthracnose disease management in Mango. Code- 24FPP30(R)
Crop: Mango
Thrust Area: Disease Management
Thematic Area: Crop protection
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.	Mango	1.0 ha	Spray with Hexaconazole 5% SC @ 2ml/l at pea stage followed by spraying of (Tebuconazole 50% + Trifloxystrobin 25% WG) @ 0.4 g/l after 15 days and 3rd spray at 30 days prior to harvest again with Hexaconazole 5% SC followed by post-harvest hot water dip treatment (52^0C for 10 min)	No. of infected fruits (%), PDI	Hexaconazole 5% SC, Tebuconazole 50%+ Trifloxystrobin 25% WG	36200	39500	-	-	-	-	-	-	-	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Field day on Anthracnose disease management in Mango	1	All stakeholders	01	Off	-	-	-	-	-	-	-	-	20
Training	Anthracnose disease management in Mango	1	F&FW	1 day	Off	-	-	-	-	-	-	-	-	25

FLD- 12: Demonstration on management of wilt complex in tomato by using Jivamrita and Bijamrita**.** Code- 25FPP06 (R)
Crop: Tomato
Thrust Area: Integrated Disease Management
Thematic Area: Crop protection
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.	Tomato	1.0	Application of prepared Bijamrita for seed treatment, dry the mixture under shade before 24 hours of sowing and Application of 200 lit of Jivamrita per acre with irrigation water at an interval of 15-20 days on standing crop @ 5-6 times.	PDI	Jivamrita and Bijamrita	95200	122000	-	-	-	-	-	-	-	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Field day on Integrated Disease Management in Tomato	1	All stakeholders	01	Off	-	-	-	-	-	-	-	-	20
Training	Integrated Disease Management in Tomato	1	F&FW	1 day	Off	-	-	-	-	-	-	-	-	25

FLD-13: Demonstration of Ganga Maa Mandal Nutri-garden Model for Household Nutritional Security. Code: 25FHS01(K/R)

Crop: Vegetables
Thrust Area: Nutritional security for farm women
Thematic Area: Women empowerment
Season: Round the year 2025-26
Farming Situation: 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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1.	Fruits and vegetables	0.02ha	Nutritional garden with Protein, Vitamin & iron rich vegetables and fruits as per consumers preference 1. Trellis structure with PP rope for raising cucurbits. 2. Protray for raising seedlings in small quantity. 3. polypit for vermi composting, Growing vegetables round the year covering leafy vegetables, sola , Solanaceous vegetables, Roots and Tubers, cucurbits suiting to consumption pattern + Two Papaya Plants, one Lemon, one drumstick and two banana and floriculture in bunds.	Availability of vegetables (kg)/ year, Consumption of vegetables /head/day	High yielding vegetable seedlings and seeds	2500	1500	-	-	-	10	-	-	-	10	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Field day onGanga Maa Mandal Nutri-garden Model for Household Nutritional Security	01	All stakeholders	01	Off	-	-	-	-	-	-	-	-	20
Training	Training on development of nutritional garden in backyard	1	F&FW	1 day	Off	-	-	-	25	-	2	-	25	25

FLD 14: Demonstration on value addition of tomato by preparing powder**.** Code-25FHS03 (R)

Crop: T**omato**
Thrust Area: Value addition
Thematic Area: Post harvest management
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
1	T**omato**	10	Preparation of tomato powder: washing & cutting of tomato into slices (5mm & drying at 80^0C for 10 hours. The dehydrated pieces are grinded into powder. It can be safely store for 9 months	Sensory evaluation, Shelf life	-	-	-	-	-	-	-	-	-	-	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Preparation of tomato powder	1	All stakeholders	1	Off	-	-	-	-	-	-	-	-	20
Training	Training on value addition of tomato	1	FW	1 day	On	-	-	-	-	-	-	-	-	25

FLD15: Demonstration on backyard or Low Input Technology (LIT) poultry Farming (Aseel) Code-23FAS09 (K/R) *
Crop: Backyard poultry
Thrust Area: Backyard poultry rearing by tribal women
Thematic Area: Income generation
Season: Round the year (2025-26)
Farming Situation: 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	Backyard poultry	100 (1000 chicks)	Rearing of 21 days old Aseel breed, timely vaccination and supplementary feeding	Yield in kg of meat, nos. of eggs/bird/year .	21 days old chicks, drinker, feeder, and management practices	3000	800	-	-	-	10	-	-	-	10	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Demonstration on backyard or Low Input Technology (LIT) poultry Farming (Aseel)	1	All stakeholders	1	Off	-	-	-	-	-	-	-	-	20
Training	Training on low cost practices on brooding, feed and disease management of backyard poultry	1	F&FW	1 day	Off	-	-	-	-	-	-	-	-	25

FLD 16: Demonstration on preparation of value added product from Tamarind. (Code-23FHS10 (K/R)*)

Crop: Tamarind

Thrust Area: Value addition

Thematic Area: Post harvest management

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
1	Tamarind	10 nos.	Preparation of Tamarind products by addition of sugar, salt and spices	Sensory evaluation and keeping quality (month)	Tamarind, sugar, salt, spices and preservatives	Rs 120 per kg	Rs.30 per kg	-	-	-	10	-	-	-	10	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Demonstration of preparation of value added product from Tamarind	1	All stakeholders	1	Off	-	-	-	-	-	-	-	-	20
Training	Post harvest management and processing of Tamarind	1	F&FW	1 day	Off	-	-	-	-	-	-	-	-	25

TSP:

FLD- 1: Demonstration on Weed management in Pigeon pea.
Crop: Pigeon pea
Thrust Area: Weed management
Thematic Area: Crop production
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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1.	Pigeon pea	2.0	Pre-emergence application of Pendimethalin 30%EC @ 2500ml/ha at 3 DAS followed by post-emergence application of Imazethapyr 10% SL @ 1000ml/ha with one hand weeding at 50 DAS	Plant height (cm.), no. of weeds/m^2, Yield (q/ha.)	Pendimethalin and Imazethapyr	-	-	-	-	-	-	-	-	-	-	10

FLD- 2: Demonstration on Blackgram var. OBG- 33
Crop: Blackgram
Thrust Area: Varietal replacement
Thematic Area: Crop Production
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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1.	Blackgram	2.0	Line sowing with soil test based fertilizer application	No. of pods/ plant, yield (q/ha)	Seeds	-	-	-								10

FLD- 3: Demonstration on integrated crop management in Sunflower
Crop: Sunflower
Thrust Area: Crop management
Thematic Area: Crop Production
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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1.	Sunflower	2.0	STD (RDF: 60:80:60 kg N: P2O5:K2O/ha) +FYM @ 5 t/ha and bio-fertilizer application (Azotobacter, Azospirillum and PSB, 1:1:1 @ 4 kg each/ha) incubated with FYM for 7 days for higher yield	Plant height (cm), yield (q/ha)	Seeds, Bio-fertilizer, FYM	-	-	-	-	-	-	-	-	-	-	10

FLD- 4: Demonstration on HYV of Ragi
Crop: Finger millet
Thrust Area: Popularization of HYV of Ragi
Thematic Area: Integrated Crop Management
Season: Rabi 2025-26
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.	Ragi	2 ha	Line transplanting with RDF(60:30:30)	No. of fingers/Panicle, Effective tillers/hill, grain yield (q/ha)	Seeds	-	-									10

FLD- 5: Demonstration of Pinching method in Marigold
Crop: Marigold
Thrust Area: Crop management
Thematic Area: Flower cultivation
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.	Marigold	0.02ha	Incorporation of 25 t of FYM/ ha and 45:90:75 kg of NPK/ha as basal and 45 kg of N/ ha as top dressing at 45 days after planting, results high yield of 10-11 t/acre	No. of flowers/plant, flower yield/plant(gm), Yield(q/ha), & B:C Ratio	Seedlings	90000	80000	-	-	-	-	-	-	-	-	10

FLD- 6: Demonstration on papaya cultivar Red lady**.**
Crop: Papaya
Thrust Area: Varietal replacement
Thematic Area: Vegetable/ fruit cultivation
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.	Papaya	0.02ha	STBF application of NPK with spacing of 3 X 3 mt.	No. of fruit/plant, Yield (q/ha) & B:C Ratio	Saplings	346000	300000	-	-	-	-	-	-	-	-	10

FLD- 7: Demonstration of garden pea
Crop: Garden pea
Thrust Area: Crop diversification
Thematic Area: Vegetable cultivation
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.	Garden pea	0.4 ha	Application of 20t FYM/ha 60:80:70 kg of NPK/ha as basal and 60 kg N should be applied after 30 days of sowing with 110-117 q/ha yield potential	Fruit length (cm), No. of pods/plant, Yield(q/ha), B:C Ratio	Seed	45000	42000	-	-	-	-	-	-	-	-	10

FLD- 8: Demonstration on Colocasia (Sankha Saru)

Crop: Colocasia
Thrust Area: Crop diversification
Thematic Area: Roots and tuber cultivation
Season: Kharif 2025
Farming Situation: Medium/ 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.	Colocasia	0.4 ha	Fertilizer dose of 80:25:100 kg of NPK/ ha is recommended, supplementary irrigation should be provided at proper interval depending on the soil type	Fruit weight (kg./gm.), Yield(q/ha), B:C Ratio	Seed/corm	60000	56000	-	-	-	-	-	-	-	-	10

FLD- 9: Demonstration on Fall armyworm management in maize.
Crop: Maize
Thrust Area: Integrated Pest Management
Thematic Area: Crop Protection
Season: Kharif -2025
Farming Situation: Rainfed upland

l. 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	Installation of pheromone trap, Spray of Azadirachtin 1500 ppm @ 5ml/lit at 10 days after planting, *Bacillus thuringiensis (Bt)* (2.5kg/ha) & release of *Trichogramma chilonis* @ 1.0 lakh/ha and need based application of recommended insecticides	No. of infested plants/m^2, No. of damaged cobs/m^2, Cost of Intervention, Yield, ICBR and farmers' feedback	Need based plant protection measures	-	-	-	-	-	-	-	-	-	-	10

FLD- 10: Demonstration on Scientific beekeeping
Crop: Honeybee
Thrust Area: Scientific beekeeping
Thematic Area: Crop protection
Season: Round the year 2025-26
Farming Situation: Nearby forest area

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Honeybee	10 units	Regular and periodic bottom board cleaning, maintaining healthy and populous colony, regular and periodic dearth feeding, removal of old combs and allowing new comb construction, need based brood comb alteration and need based colony union or division are recommended for scientific beekeeping with *Apis cerana indica*.	No. of frame in super chamber filled with honey/yr, No. of new colony formed/yr	Honey bee box, colony and accessories	-	-	-	-	-	-	-	-	-	-	10

FLD- 11: Demonstration on YMV disease management in greengram.
Crop: Greengram
Thrust Area: Integrated Disease Management
Thematic Area: Crop Protection
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.	Greengram	2.0	Seed treatment with Imidacloprid 600 FS @ 5 ml/ kg, placement of yellow sticky trap @ 50/ha, spraying of Neem oil 0.15% @ 2 ml/l at 30 DAS and need based spraying of Diafenthiuron 50 WP @ 1 gm /l at 45 DAS	YMV infected plant %, No. of sucking pests/yellow sticky trap, Yield and ICBR	Need based plant protection chemicals	-	-	-	-	-	-	-	-	-	-	10

FLD- 12: Demonstration on fruit fly management in mango.

Crop: Mango
Thrust Area: Integrated Pest Management
Thematic Area: Crop Protection
Season: Summer 2025-26
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.	Mango	2.0	Ploughing the top soil to a depth of 10 cm, destroying all fallen fruits at weekly intervals, installation of 15 nos. of Methyl Eugenol Plywood traps/ha during fruit development stage. Alternate spraying of Deltamethrin 2.8 EC @ 0.5 ml/l &Azadirachtin (0.3%) 2 ml/l in 10 days interval before three weeks of harvest	No. of fallen fruits/ plant, No. of infested fruits (%), Cost of intervention, Yield, ICBR and farmers' feedback	Need based Plant protection measure	-	-	-	-	-	-	-	-	-	-	10

FLD-13: Demonstration on mango harvester
Crop: Mango
Thrust Area: Drudgery reduction
Thematic Area: Women in agriculture
Season: Summer, 2025
Farming Situation: Orchard

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.	Mango harvester	-	Harvests mango with pedicle (1-2 cm). Capacity: 100 kg/ hr.	Kg/hr.	Mango harvester	-	-	-	-	-	-	-	-	-	-	10

FLD- 14: Demonstration of nutritional garden for Improving Nutritional Security of farm family
Crop: Fruits and vegetables
Thrust Area: Nutritional garden
Thematic Area: Nutritional security for farm families
Season: Round the year, 2025-26
Farming Situation: 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.	Fruits and vegetables	0.02ha	Nutritional garden with Protein, Vitamin & iron rich vegetables and fruits as per consumers preference	Availability of vegetables (Kg) Consumption of Vegetables/head/day	Seeds, seedlings, saplings and vermicompost pit	-	-	-	-	-	10	-	-	-	10	10

			1. Trellis structure with PP rope for raising cucurbits. 2. Protray for raising seedlings in small quantity 3.Polypit for vermi composting, Growing vegetables round the year covering leafy vegetables, sola , Solanaceous vegetables, Roots and Tubers, cucurbits suiting to consumption pattern + Two Papaya Plants , one Lemon, one drumstick and two Banana and floriculture in bunds.													

FLD- 15: Demonstration on tube rose cultivation for higher income
Thrust Area: Income generation activity for farm women
Thematic Area: Women in Agriculture
Season: Rabi 2025-26
Farming Situation: Medium land

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Marigold	0.4	Cultivation of variety Prajwala with spacing 30cm x 20 cm, NPK:200:200:200 kg/ha	Nos. of flowers/ plant , yield/ha, B: C Ratio	bulbs	-	-	-	-	-	10	-	-	-	10	10

FLD- 16:

Demonstration on brooding management in chicks

Crop: Backyard poultry

Thrust Area: Income generating activity

Thematic Area: Women in agriculture

Season: Round the year, 2025-26

Farming Situation: 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.	Backyard poultry	100 (1000 chicks)	Artificial brooding of chicks, brooding management for 21 days with floor space of 0.3 sq. fit with help of chick guards, artificial heat at @1-3 watt per chick, feeder and drinkers @ 1 each for 50 chicks. Vaccination against RD on 7th, 28th day & IBD on 14th day. Use of electrolytes, preventive antibiotics during brooding, use of gas brooder & hover.	Chick mortality rate during brooding, body wt. at 21 days, survivality of birds till start of laying.	21 days old chicks, drinker, feeder, feed, and package of practices		-	-	-	-	100	-	-	-	100	100

c) 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	MTU 1156	June 2025 to Nov 2025	3.0	FS	120.0	360000	468000	108000
Finger Millet	Arjuna	June 2025 to Oct 2025	1.0	FS	15.0	62000	103500	41500
Sunhemp	Local	Aug 2025 to Jan 2026	1.5	TL	8.0	37500	80720	43220
Blackgram	Sashi	Oct 2025 to Dec 2025	1.0	FS	5.0	48000	65750	17750
Sunhemp	Local	Dec 2025 to April 2026	2.0	TL	11.0	50000	110990	60990
Brinjal	Akshita, Swarna Shyamali		20000	Planting material				
Chilli	Arka Saanvi, Arka Meghna, VCH-01		25000	Planting material				
Tomato	Arka Rakshak, Arka Samrat, VNR-3357		20000	Planting material				
Cabbage	Pragati, Rare ball, Green star		7000	Planting material				

Cauliflower	Snow Ball, Megha, Nalini		8000	Planting material				
Knol Khol	Oni, Winner		5000	Planting material				
Papaya	Red Lady, Binayak		2000	Planting material				
Drumstick	ODC-3		2000	Planting material				
Mango	Dasheri, Amrapalli		1000	Planting material				
Coconut	Sakhigopal local		50	Planting material				
Marigold	Arka Bhanu, Ceracola		25000	Planting material				
Lemon	K. Lime		200					
Onion	Bhima Shakti, Bhima Dark Red		60000					
Banana	Bantala, Champa, Pata Kapura		500					
Vermi compost	-	Round the year		-	40.0q	15000	80000	65000
Earth worms	*Eisenia foetida*	Round the year		-	50.0 kg	-	25000	25000
Mushroom spawn	Paddy straw and oyster	Round the year		-	5000 no. bottles	80000	125000	45000

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.)
-	-	-	-	-	-	-	-	-	-

d) 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	32	-	-	640	75	-	-	50	-	-	690
2.	Kisan Mela	1	-	-	-	-	-	-	-	-	-	Mass
3.	Kisan Ghosthi	6	-	-	-	-	-	-	-	-	-	160
4.	Exhibition	10	-	-	-	-	-	-	-	-	-	Mass
5.	Film Show	-	-	-	-	-	-	-	-	-	-	-
6.	Method Demonstrations	27	-	-	-	-	-	-	-	-	-	460
7.	Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-
8.	Workshop	1	-	-	-	-	-	-	-	-	-	30
9.	Group meetings	12	-	-	-	-	-	-	-	-	-	120
10.	Lectures delivered as resource persons	As per requirement	-	-	-	-	-	-	-	-	-	
11.	Advisory Services	48	-	-	-	-	-	-	-	-	-	42800
12.	Scientific visit to farmers field	300	-	-	-	-	-	-	-	-	-	Mass
13.	Farmers visit to KVK	-	-	-	-	-	-	-	-	-	-	Mass
14.	Diagnostic visits	280	-	-	-	-	-	-	-	-	-	Mass
15.	Exposure visits	2	-	-	-	-	-	-	-	-	-	30

16.	Ex-trainees Sammelan	2	-	-	-	-	-	-	-	-	-	50
17.	Soil Health Camp	2	-	-	-	-	-	-	-	-	-	100
18.	Animal Health Camp	2	-	-	-	-	-	-	-	-	-	100
19.	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
20.	Soil test campaigns	-	-	-	-	-	-	-	-	-	-	-
21.	Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-
22.	Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
23.	Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
24.	Celebration of important days (specify)	8										
25.	Sankalp Se Siddhi	-	-	-	-	-	-	-	-	-	-	-
26.	Swatchta Hi Sewa	7	-	-	-	-	-	-	-	-	-	250
27.	Mahila Kisan Diwas	1	-	-	-	-	-	-	-	-	-	25
28.	Any Other (Specify)	-	-	-	-	-	-	-	-	-	-	-
	Total	**741**										

e) Revolving Fund (in Rs.)

Opening balance of 2025-2026 (As on 01.04.2025)	Amount proposed to be invested during 2025-26	Expected Return
244543	750000	1360000

f) 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

i. **Season:** Kharif, 2025
ii. **Title of the OFT:** Assessment of Nutrient Management in Cotton. (Code-25OAG13K)
iii. **Thematic Area:** INM
iv. **Problem diagnosed:** Low yield due toimproper use of nutrients
v. **Important Cause:** Poor Nutrient management
vi. **Production system:** Cotton- Fallow
vii. **Micro farming system:** Rainfed upland
viii. **Technology for Testing:** Nutrient Management Module
ix. **Existing Practice:** Application of N-P2O5-K2O @ 140:80:60kg/ha, 100 % N (as conventional urea application), P and K
x. **Hypothesis:** Nutrient management module will be improving yield
xi. **Objective(s):**To find out appropriate nutrient management in Cotton
xii. **Treatments:**
i. Farmers Practice (FP): Improper Nutrient management (140:80:60)
ii. Technology option-I (TO-I):Soil test based fertilizer application
iii. Technology option-II (TO-II): STBF (75 % N+75% P+Full K) + Azotobacter 4 kg /ha + azospirillum 4 Kg /ha + PSB 4 Kg / ha inoculated to 300 Kg of FYM mixed with 15 Kg lime, incubated at 30 % moisture for a week
xiii. **Critical Inputs:**$ZnSO_4$, Borax, Consortia biofertilizer,
xiv. **Unit Size:** 2 ha
xv. **No of Replications:** 7
xvi. **Unit Cost:** 2200
xvii. **Total Cost:** 4200.00
xviii. **Monitoring Indicator:**Plant height(PH), No of bolls/plant, Yield
xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** AICRP on Cotton 2019-20 and 2020-21

OFT-2

i.	**Season**	**:**	Rabi, 2025-26
ii.	**Title of the OFT**	**:**	**Assessment of INM in Green gram**. Code:23OAG12(R)
iii.	**Thematic Area:**	**:**	INM
iv.	**Problem diagnosed**	**:**	Low yield due to Improper use of fertilizer
v.	**Important Cause**	**:**	Poor nutrient management
vi.	**Production system**	**:**	Rice-Pulse
vii.	**Micro farming system**	**:**	Irrigated Upland/Medium land
viii.	**Technology for Testing**	**:**	Integrated Nutrient management for increasing productivity
ix.	**Existing Practice**	**:**	Application of N-P2O5-K2O @ 20:40:40kg/ha, 100 % N (as conventional urea application), P and K
x.	**Hypothesis**	**:**	Boron can cause an increase in the use efficiency of plant nutrients, produces higher grain yield of green gram
xi.	**Objective(s):**	**:**	To increase flowering & pod formation for higher yield
xii.	**Treatments**	**:**	
	Farmers Practice (FP)	**:**	Application of N-P2O5-K2O @ 20:40:40kg/ha, 100 % N (as conventional urea application), P and K
	Technology option-I (TO-I)	**:**	N-P2O5-K2O @ 20:40:40kg/ha + foliar NPK (19:19:19) @ 2% spray at pre-flowering
	Technology option-II (TO-II)	**:**	STBFR + Foliar spraying of (0.5% ZnSO4 +0.5% FeSO4) at Flowering initiation stage
	Technology option-III (TO-III)		Foliar spray of nutrients, NPK (18:18:18) @ 2% + 0.5% ZnSo4spray at pre-flowering and pod initiation
xiii.	**Critical Inputs**	**:**	NPK (19:19:19), ZnSO4, NPK (18:18:18)
xiv.	**Unit Size**	**:**	2 ha
xv.	**No of Replications**	**:**	7
xvi.	**Unit Cost**	**:**	1000.00
xvii.	**Total Cost**	**:**	8000.00
viii.	**Monitoring Indicator**	**:**	No. of pods/plant, 1000 grain weight (g), Pod yield (q/ha), B:C Ratio
xix.	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)**	**:**	AICRP on MULLaRP, 2018-19, 2021-22; ICAR-IIPR Annual report, 2019-20

OFT-3

i.	**Season**	:	Kharif, 2025
ii.	**Title of the OFT**	:	Assessment of different Chilli Varieties. Code-24OHO06(K)
iii.	**Thematic Area:**	:	Varietal evaluation
iv.	**Problem diagnosed**	:	Low yield and income due existing variety
v.	**Important Cause**	:	Cultivation of existing Variety
vi.	**Production system**	:	Vegetable – vegetable
vii.	**Micro farming system**	:	Rainfed medium land
viii.	**Technology for Testing**	:	Assessment of different Chilli Varieties
ix.	**Existing Practice**	:	Variety-Bangaram, Talwar
x.	**Hypothesis**	:	To enhance the economy and production
xi.	**Objective(s):**	:	To assess the performance of high yielding varieties of chilli.
xii.	**Treatments**	:	
	Farmers Practice (FP)	:	Variety :Bangaram
	Technology option-I (TO-I)	:	Variety :Arka Meghna, F1 hybrid, duration 140-150 days, tolerant to powdery mildew and viruses, green chilli yield- 257 q/ha
	Technology option-II (TO-II)	:	Var. Arka Saanvi F1 hybrid, duration-210 days, resistant to leaf curl virus, suitable for green and dry chilly, green chilli yield potential- 210 q/ha
xiii.	**Technology option-II (TO-III)**		-
xiv.	**Critical Inputs**	:	Seedlings of two different varieties
xv.	**Unit Size**	:	0.4 ha
xvi.	**No. of Replications**	:	7
xvii.	**Unit Cost**	:	800.00
xviii.	**Total Cost**	:	5600.00
xix.	**Monitoring Indicator**	:	Plant height (cm), No. of branches/plant, Fruit length(cm), Fruit girth(cm) No. of fruits/plant, PDI (%),Yield(q/ha)
xx.	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)**	:	IIHR, Bangaluru, 2021

OFT-4

i.	**Season**	**:**	Rabi 2025-26
ii.	**Title of the OFT**	**:**	Assessment of onion varieties in rabi. Code- 24OHO09(R)
iii.	**Thematic Area:**	**:**	Income generation
iv.	**Problem diagnosed**	**:**	Low income from existing variety
v.	**Important Cause**	**:**	Minimal income from improper cultivation methods.
vi.	**Production system**	**:**	Vegetable – Vegetable
vii.	**Micro farming system**	**:**	Rainfed medium land
viii.	**Technology for Testing**	**:**	Assessment of onion varieties in rabi.
ix.	**Existing Practice**	**:**	Variety: Nasik Red (N-53)
x.	**Hypothesis**	**:**	To enhance the economy and production
xi.	**Objective(s):**	**:**	To assess the performance of different onion varieties for maximum yield.
xii.	**Treatments**	**:**	
	Farmers Practice (FP)	**:**	Variety: Nasik Red (N-53)
	Technology option-I (TO-I)	**:**	**TO1- Bhima Shakti-** onions are red and have attractive bulbs that turns red immediately after harvest. It matures in 125–135 days after transplanting, it can yield 32–36 tons per hectare and can be stored for 5–6 months
	Technology option-II (TO-II)	**:**	**TO2- Bhima Dark Red**–it has dark red, flat-globe bulbs which matures at 95–100 days after transplanting and has an average marketable yield of 20–22 tons per hectare.
xiii.	**Technology option-II (TO-III)**		-
xiv.	**Critical Inputs**	**:**	Seedling
xv.	**Unit Size**	**:**	0.4 ha
xvi.	**No. of Replications**	**:**	7
xvii.	**Unit Cost**	**:**	900.00
xviii.	**Total Cost**	**:**	6500.00
xix.	**Monitoring Indicator**	**:**	Days to harvest, Bulb Diameter(cm), Bulb weight(g), yield(q/ha) & B:C Ratio
xx.	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)**	**:**	(DOGR, MH, 2022)

OFT: 5

i.	**Season:**	Rabi, 2025-26
ii.	**Title of the OFT:**	Assessment of IPM Modules for the management of Brinjal fruit and shoot borer. Code-24OPP06 (K/R)
iii.	**Thematic Area:**	Integrated pest management
iv.	**Problem diagnosed:**	Low yield and poor marketability.
v.	**Important Cause:**	Due to fruit and shoot borer infestation
vi.	**Production system:**	Vegetable- vegetable
vii.	**Micro farming system:**	Rainfed upland
viii.	**Technology for Testing:**	Assessment of IPM Modules for the management of Brinjal fruit and shoot borer
ix.	**Existing Practice:**	Spraying of Profenophos @ 2ml/lt.
x.	**Hypothesis:**	Fruit and shoot borer infestationin brinjal will be minimized as well as yield will be increased. .
xi.	**Objective(s):**	To assess two treatment options in different farmers field in different locations.
xii.	**Treatments:**	
	Farmers Practice (FP):	Spraying of Profenophos @ 2ml/lt.
	Technology option-I (TO-I):	Erection of Pheromone traps @ 20 nos./ha, release of *T. chilonis* @ 50,000/ha 6 times from 21 DAT at weekly interval, spraying of *Bt* at flowering @ 2ml/l two times in 10 days interval. Spraying of Emamectin benzoate 5% SG @ 200 g/ha at ETL > 5%
	Technology option-II (TO-II): and so on……	Clipping of infested shoots & fruits regularly, pheromone traps @ 25/ha at 30 DAT, spraying of Azadiractin 1500 ppm @ 3 ml/l at 20 DAT, spraying of *Bt* @ 2 ml/l twice at 30 DAT and 45 DAT, spraying of Chlorantraniliprole 18.5% SC @ 0.25 ml/l at 60 DAT
xiii.	**Critical Inputs:**	**TO1-**Pheromone trap, *T. chilonis, Bt,* Emamectin benzoate 5% SG **TO2-**Pheromone trap, Azadiractin 1500 ppm, *Bt,* Chlorantraniliprole 18.5% SC
xiv.	**Unit Size:**	1 ha
xv.	**No of Replications**	**7**
xvi.	**Unit Cost:**	1540.00
xvii.	**Total Cost:**	10780.00
xviii.	**Monitoring Indicator:**	Shoot infestation (%) and Fruit infestation (%)
xix.	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):**	TO-I :OUAT, AR, 2018 TO-II: OUAT, AR, 2019

OFT: 6

i.	**Season:**	Kharif 2025
ii.	**Title of the OFT:**	Assessment of Yellow Stem Borer and Leaf folder management in Rice. Code- 24OPP01(K)
iii.	**Thematic Area:**	Pest Management
iv.	**Problem diagnosed:**	Low yield due to YSB and Leaf folder
v.	**Important Cause:**	Due to Yellow Stem Borer and Leaf folder infestation
vi.	**Production system:**	Rice- vegetables
vii.	**Micro farming system:**	Rainfed medium land
viii.	**Technology for Testing:**	Assessment of Yellow Stem Borer and Leaf folder management in Rice
ix.	**Existing Practice:**	Profenophos @ 2ml./lt
x.	**Hypothesis:**	Rice Yellow Stem Borer and Leaf folder infestation will be checked and yield will be enhanced.
xi.	**Objective(s):**	To assess two treatment options in different farmers field in different locations.
xii.	**Treatments:**	
	Farmers Practice (FP):	Profenophos @ 2ml./lt
	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……	Soil application twice of (Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% G) @ 7.5 kg/ha at 30 DAT and PI stage
xiii.	**Critical Inputs:**	TO1- TO2-
xiv.	**Unit Size:**	2.0 ha
xv.	**No of Replications**	7
xvi.	**Unit Cost:**	2075.00
xvii.	**Total Cost:**	14500.00
xviii.	**Monitoring Indicator:**	Percentage of YSB and Leaf folder infestation
xix.	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):**	TO-I : Dept. of Ento., OUAT, 2023 TO-II: RRTTS, Ranital, OUAT, 2023

OFT: 7

i.	**Season:**	Kharif 2025
ii.	**Title of the OFT**	Assessment on production straw mushroom from semi-composted substrates. Code- 25OHS01(K)
iii.	**Thematic Area:**	Mushroom cultivation
iv.	**Problem diagnosed**	Non-availability of paddy straw for mushroom cultivation
v.	**Important Cause**	Mechanical harvesting of paddy
vi.	**Production system**	Rice- greengram
vii.	**Micro farming system**	Homestead
viii.	**Technology for Testing**	Assessment on production straw mushroom from semi-composted substrates
ix.	**Existing Practice**.	Mushroom cultivation in paddy straw
x.	**Hypothesis**	Semi-composted substrate will replace paddy straw in mushroom cultivation
xi.	**Objective(s)**	Paddy straw mushroom cultivation in semi-composted substrate
xii.	**Treatments:**	
	Farmers Practice (FP):	Mushroom cultivation using paddy straw
	Technology option-I (TO-I):	Mushroom spawn put into the semi-composted substrate bed of size- 2mt. x 0.5 mt. x 0.15 mt. prepared out of chopped paddy straw 300 kg, wheat bran -18.0 kg, chicken manure 4.5 kg, Calcium carbonate- 6.0 kg
	Technology option-II (TO-II): and so on……	-
xiii.	**Critical Inputs:**	Paddy straw mushroom spawn, Calcium carbonate, chicken manure, wheat bran
xiv.	**Unit Size**	Bed of size- 2mt. x 0.5 mt. x 0.15 mt.
xv.	**No of Replications**	7
xvi.	**Unit Cost:**	-
xvii.	**Total Cost:**	-
xviii.	**Monitoring Indicator:**	Average weight (g), Pin head appearance (days) Biological efficiency (%)
xix.	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)**	CTMRT, OUAT, Bhubaneswar

OFT: 8

xx.	**Season:**	Rabi, 2025
xxi.	**Title of the OFT**	Assessment of processing and packaging methods of tender Jackfruit. Code-23OHS04 (K)
xxii.	**Thematic Area:**	Value addition
xxiii.	**Problem diagnosed**	Low income due to under utilization of jack fruit.
xxiv.	**Important Cause**	Selling raw jackfruit in less price without any processing
xxv.	**Production system**	Orchard based
xxvi.	**Micro farming system**	Homestead
xxvii.	**Technology for Testing**	Processing and packaging methods of tender Jackfruit.
xviii.	**Existing Practice**.	Selling jackfruit in low price
xxix.	**Hypothesis**	Processing and packaging of tender Jackfruit will fetch more price
xxx.	**Objective (s)**	Selling of tender jackfruit after processing and packaging
xxxi.	**Treatments:**	i. Farmers Practice (FP): Low income due to selling of tender jack fruit through middle man. ii. Technology option-I (TO-I): Peeling of tender Jackfruit by Knife/ Paniki, cut into pieces, and packaging in polyethylene. iii. Technology option-II (TO-II): Processing and packaging methods of tender jackfruit. Surface cleaning/dirt removal by washing, Peeling, and cutting into pieces. Dipping in 0.5% (w/v) Citric acid and 0.1% ascorbic acid for 7 minutes, surface drying, and packaging in a punnet pack or PP pouch with 0.0675% perforation and refrigerated storage at 10^0 C.
xxxii.	**Critical Inputs:**	Tender Jackfruit and packaging materials (Punnet bag/ PP pouch with 0.0675% perforation)
xxiii.	**Unit Size**	7 nos.
xxiv.	**No of Replications**	7
xxxv.	**Unit Cost:**	-
xxvi.	**Total Cost:**	-
xxvii.	**Monitoring Indicator:**	Peeling capacity, Efficiency, Shelf -life, Sensory Evaluation
xviii.	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)**	AICRP on PHET-2016-17

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.)
	-	-

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

1.Drumstick cultivation as a profitable enterprise.

2. Honey bee rearing.

12. Scientific Advisory Committee

Date of SAC meeting held during 2023-24	Proposed date during 2024-2025
16.02.2024	15.01.2025

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	300	45	15	170	35	25	10	240	60	300	60	1500
Water Samples	-	-	-	-	-	-	-	-	-	-	-	-
Other (Please specify)	-	-	-	-	-	-	-	-	-	-	-	-
Total	**300**	**45**	**15**	**170**	**35**	**25**	**10**	**240**	**60**	**300**	**60**	**1500**

14. Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.) up to 31.03.2025	Expected fund requirement (Rs.) 2025-26
Contingency	640000	840000
TSP	1500000	1500000
Travelling allowances	120000	150000
HRD	9000	30000
Library	10000	10000
Equipments and furniture	-	-
Farm implements	-	-
Information technology		-
Bore well	-	-
Total	2279000	2530000

* 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.

Assessment of medium duration rice varieties under rainfed condition.

Medium duration rice var. Kalinga Dhan 1203 gives 11.2% higher yield than var. MTU 1001, suitable for rain-fed medium land, maturity: 130-135 days and moderately resistant to sheath blight and leaf folder.

 **TO_1:Kalinga Dhan 1205**	 **TO_2:Kalinga Dhan 1203**

Assessment of high yielding varieties of sesame.

Cultivation of sesame var. Kalinga Sesame 3-1 resulted 43% higher yield than farmers' practice and moderately resistant to phyllody.

 **TO_1: Subhra**	 **TO_2: Smarak**	 **TO_3: Kalinga Sesame 3-1**

Assessment of different Chilli varieties.

Arka Meghna results 16.5% higher yield in comparison to var. Bangaram and is resistant to powdery mildew and viruses with a cropping duration of duration 140-150 days.

 **TO_1: Arka Meghna**	 **TO_2: Arka Saanvi**

Assessment of management of wilt complex in tomato by using Jivamrita and Bijamrita.

Application of organic concentrates incurred very less cost and the application is not tedious than the chemical methods. So seed treatment with Bijamrit and soil application of Jivamrit starting from 25 DAT and at 15-20 days interval for 5 to 6 times in a cropping period should be followed.

Demonstration on Weed Management in maize.

Application of Tembotrione + Atrazine at 20 DAS and one hand weeding has resulted in 12.3 % yield increment along with BC ratio 1.83.

Demonstration on weed management in Finger millet.

Application of Pre-emergence Bensulfuron methyl + Pretilachlor followed by 2,4-D ethyl ester has resulted in 20 % yield increment along with BC ratio from 1.48 to 1.65.

Demonstration on Integrated Pest Management of thrips and mite in chilli.

IPM through soil application of neem cake, installation of blue sticky trap, need based alternate application of Difenthiuron and Spiromesifen at 10 days interval starting from 30 DAT resulted 32 % increase in yield and with BC ratio 3.43.

Demonstration on collar rot management in groundnut.

Seed treatment with Carboxin + Thiram, alternative spraying of Chlorothalonil and Carbendazim at 15 days interval minimized PDI from 14.6 % to 4.8% with 27.2 % more yield as compared to FP.

Demonstration on Tuberose cultivation for income generation.

Small and marginal farm women can adopt tube rose cultivation for economic sustainability.

Demonstration on brooding management in chicks.

Rearing of poultry breed RIR in backyard fetches Rs. 380/- more than desi bird.