ACTION PLAN

2025

ICAR

କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ର

କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ର

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NAYAGARH

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3.Training programme to be organized

(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
IPM	Integrated management of stem borer and leaf folder in rice	1	1	off	July,2025	2	0	1	0	14	8	17	8	25
IPM	Integrated management of fruit fly in vegetables	1	1	off	Aug,2025	3	0	2	0	20	0	25	0	25
IDM	Integrated disease management in bitter gourd	1	1	0ff	Sept,2025	2	1	2	1	18	1	22	3	25
IDM	Integrated disease management in greengram	1	1	0ff	Dec,2025	3	2	2	1	15	2	20	5	25
IDM	Integrated disease management in potato	1	1	0ff	Dec,2025	2	2	1	2	16	2	19	6	25
IPM	Integrated management of shoot and fruit borer in brinjal	1	1	0ff	Aug,2025	3	0	2	0	20	0	25	0	25

IPM	Integrated management of tea mosquito bug in cashew	1	1	0ff	Oct,2025	2	0	1	0	22	0	25	0	25
IPM	Integrated management of leaf miner in cucurbits	1	1	0ff	December, 2025	2	1	1	1	18	2	21	4	25
Farm Mechanization	Agricultural Drone sprayer for rice cultivation	1	1	Off	Aug 2025	1	0	5	7	9	3	15	10	25
Farm Mechanization	Use of small tools and implements for vegetable crops	1	1	Off	Sep 2025	2	0	3	0	20	0	25	0	25
Farm mechanization	Use of Tractor drawn Rice Straw Baler for crop residue management	1	1	Off	Oct 2025	2	2	5	5	8	3	15	10	25
Post Harvest Processing	Preparation procedure of Shelf stable sugarcane RTS	1	1	Off	Nov 2025	0	2	0	3	0	20	0	25	25
Post Harvest handling	Packaging methods for kanteimundi brinjal	1	1	Off	Nov 2025	0	2	0	3	0	20	0	25	25
Farm Mechanization	Use of Power Weeder for intercultural operation in sugarcane crop	1	1	Off	Nov 2025	5	1	1	3	14	1	20	5	25
Farm Mechanization	Use of Tractor Operated Seed drill for sowing of greengram	1	1	Off	Nov 2025	2	2	5	5	8	3	15	10	25
Post - Harvest Technology	Mechanized threshing of pulses	1	1	Off	Jan 2026	2	1	3	0	14	5	19	6	25
Income generation	Scientific techniques on cultivation of Paddy straw	1	1	OFF	Aug.25	0	1	0	0	0	24	0	25	25

	mushroom using semi composted substrates.													
Nutrition management	Household food security by kitchen gardening and nutrition gardening	1	1	OFF	July.25	0	2	0	2	0	21	0	25	25
Nutrition management	Scientific technique of backyard drumstick cultivation to address malnutrition.	1	1	OFF	Aug.25	0	2	0	3	0	20	0	25	25
Income Generation	Techniques of humidity management in paddy straw mushroom production	1	1	OFF	Dec.25	0	3	0	2	0	20	0	25	25
Organic manure production	Scientific methods of vermicomposting from spent mushroom substrate	1	1	OFF	Sep.25	0	2	0	5	0	18	0	25	25
Income Generation	Rearing of poultry bird in backyard	1	1	OFF	Aug.25	0	5	0	7	0	13	0	25	25
Value Addition	Preparation of Ragi Malt powder	1	1	OFF	Oct.25	0	1	0	1	0	23	0	25	25
Value Addition	Scientific process of preparation of mushroom soup mix.	1	1	OFF	Dec. 25	0	7	0	5	0	13	0	25	25
Agroforestry management	Model establishment and operation for Agri-Horti Agroforestry	01	01	Off	July, 2025	3	2	0	0	16	4	19	6	25
Income generation	Broom grass cultivation with upkeep techniques to generate revenue	01	01	Off	July, 2025	2	0	3	0	20	0	25	0	25
Fruit production	Operations for silviculture in an agroforestry paradigm based on	01	01	Off	Aug, 2025	2	0	3	0	20	0	25	0	25

	fruits/vegetables													
Soil health management	Restoring soil health by application of different components of natural farming	01	01	Off	Aug, 2025	2	0	3	0	20	0	25	0	25
Production and use of organic inputs	Vermicomposting and its preparation	01	01	Off	Sept, 2025	2	2	0	0	18	3	20	5	25
Tree management	Management practices of different understory cultivation in forest plantation	01	01	Off	Oct, 2025	4	1	3	3	12	2	19	6	25
Agroforestry management	Agroforestry practices for soil conservation	01	01	Off	Nov, 2025	3	2	0	0	15	5	19	6	25
Seed management	Seed to seed practices in natural farming	01	01	Off	Dec, 2025	2	2	0	0	18	3	20	5	25
Crop management	Cultivation of high value export oriented cereal crops for profit maximization.	01	01	Off	July, 2025	6	2	6	2	6	3	18	7	25
Crop management	Salient characteristic of millet & non-millet varieties & scope for farm to fork	01	01	Off	August, 2025	6	2	6	2	6	3	18	7	25
Integrated Nutrient Management	Integrated nutrient management practices for enhancing productivity in millet.	01	01	Off	August, 2025	6	2	6	2	6	3	18	7	25
Resource Conservation	Climate resilient technologies suitable for rainfed upland situation	01	01	Off	August, 2025	6	2	6	2	6	3	18	7	25
Pest Management.	Non-chemical approaches for management of pest & diseases.	01	01	Off	September, 2025	6	2	6	2	6	3	18	7	25
Micro nutrient deficiency	Importance of micronutrients in oilseed crops	01	01	Off	September, 2025	6	2	6	2	6	3	18	7	25
Nutrient management	Nutrient management for enhancing	01	01	Off	Oct, 2025	6	2	6	2	6	3	18	7	25

	productivity in rice-fallow cropping system.													
ICT	Application of mobile based agriculture app for technology dissemination.	01	01	Off	Oct, 2025	6	2	6	2	6	3	18	7	25
Fish health management	Integrated management of Argulosis in carps	1	1	Off	Aug 2025	2	1	3	0	14	5	19	6	25
Natural Aqua Farming	Suitable combination for natural fish farming	1	1	Off	Sep 2025	2	1	3	0	14	5	19	6	25
Fish health management	Fish diseases and its management	1	1	Off	Oct 2025	1	0	4	2	14	4	19	6	25
Varietal Intervention	Genetically Improved (GI) Catla in composite carp culture	1	1	Off	Nov 2025	1	0	4	2	14	4	19	6	25
IMC	Use of CIFA-Carp grower feed floating fish feed	1	1	Off	Dec 2025	1	0	4	2	14	4	19	6	25

(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
IPDM	Management of pest and diseases in mango and cashew	1	2	ON	Sept,2025	2	1	1	1	13	2	16	4	20
Protected cultivation	IPDM in protected cultivation	1	2	ON	Sept,2025	2	1	1	1	13	2	16	4	20
Bee keeping	Scientific bee keeping	1	5	ON	Dec,2025	2	1	1	1	13	2	16	4	20
Hi-tech Horticulture	Hi-Tech horticulture	1	2	ON	Aug,2025	10	1	3	1	5	0	18	2	20
Entrepreneurship development	Small scale processing and value addition of	1	2	ON	Sep, 2025	1	1	1	1	15	1	17	3	20

	Sugarcane													
Entrepreneurs hip development	Production of off-season vegetable seedling in protected cultivation	1	5	ON	Nov, 2025	3	3	2	4	5	2	11	9	20
Value addition	Value addition of fruits and vegetables	1	2	ON	Aug, 2025		6	0	3		14		20	20
Value addition	Value addition of mushroom	1	2	ON	Dec, 2025		2	0	8		12		20	20
Income generation	Scientific method of Mushroom Spawn Production	1	5	ON	Aug, 2025	3	2	5	3	2	5	10	10	20
Nursery management	Optimizing the farming approaches of several agroforestry models	1	2	ON	Aug, 2025	2	0	0	0	14	6	14	6	20
Income generation	Identification, propagation and management of bamboo species for income generation	1	5	ON	Sept,2025	3	0	2	0	15	0	20	0	20
Agroforestry management	Forest farming: An Agroforestry Practice	1	2	ON	Nov,2025	2	0	0	0	17	3	17	3	20
Income generation	Agriculture and Allied Micro-enterprise Opportunities befitting for unemployed youth for Livelihood security.	1	2	ON	Sept, 2025	3	3	3	3	4	4	10	10	20
Income generation	Small scale poultry rearing unit for income generation	1	5	ON	Oct, 2025	3	3	3	3	4	4	10	10	20
Fish seed production	Fish seed production	1	5	ON	Mar, 2026	2	0	1	0	17	0	20	0	20
Integrated fish farming	Integrated farming System	1	2	ON	Sep, 2025	7	0	3	0	10	0	20	0	20

(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
IPM	Bio-intensive pest management in vegetables	1	2	Off	December, 2025	1	1	1	0	15	2	17	3	20
Farm Mechanization	Mechanization for Enhanced Agricultural Productivity and Profitability	1	2	Off	Sep, 2025	7	0	3	0	10	0	20	0	20
Nutritional security	Household food security by kitchen gardening and nutrition gardening	1	2	Off	Nov'25	0	2	0	1	0	17	0	20	20
Agroforestry management	Restoration and Reclamation of Wastelands through different Agroforestry systems	1	01	Off	Dec, 2025	4	0	1	0	12	3	16	4	20
Capacity building	Institutional support for enterprise promotion of FPOs.	1	1	Off	Oct, 2025	3	3	3	3	4	4	10	10	20
Capacity building	Role of incubation centers for promotion of agri-startup ecosystem.	1	1	Off	Nov,2025	3	3	3	3	4	4	10	10	20
Composite fish culture	Scientific ways of Composite fish culture	1	2	Off	Sep, 2025	7	0	3	0	10	0	20	0	20

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
I. Crop Production													
Weed Management	1	4	2	6	4	2	6	10	3	13	18	7	25
Resource Conservation Technologies	1	4	2	6	4	2	6	10	3	13	18	7	25
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	2	8	4	12	8	4	12	20	6	26	36	14	50
Fodder production													
Production of organic inputs													
Others, if any (Climate smart agriculture)													
TOTAL	**4**	**16**	**8**	**24**	**16**	**8**	**24**	**40**	**12**	**52**	**72**	**28**	**100**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops	1	4	2	6	4	2	6	10	3	13	18	7	25
Off-season vegetables													
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
TOTAL	**1**	**4**	**2**	**6**	**4**	**2**	**6**	**10**	**3**	**13**	**18**	**7**	**25**
b) Fruits													
Training and Pruning													
Layout and Management 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
Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post-harvest technology and value addition	1	4	2	6	4	2	6	10	3	13	18	7	25

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
Others, if any													
TOTAL	**1**	**4**	**2**	**6**	**4**	**2**	**6**	**10**	**3**	**13**	**18**	**7**	**25**
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	1	4	2	6	4	2	6	10	3	13	18	7	25
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL	**1**	**4**	**2**	**6**	**4**	**2**	**6**	**10**	**3**	**13**	**18**	**7**	**25**
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	0	41	41	0	4	4	0	5	5	0	50	50
Design and development of low/minimum cost diet													
Designing development for nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													

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
Enterprise development													
Value addition	2	0	36	36	0	8	8	0	6	6	0	50	50
Income generation activities for empowerment of rural Women	3	0	52	52	0	10	10	0	13	13	0	75	75
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any(organic manure production)	1	0	18	18	0	2	2	0	5	5	0	25	25
TOTAL	**8**	**0**	**147**	**147**	**0**	**24**	**24**	**0**	**29**	**29**	**0**	**200**	**200**
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices	1	2	2	4	5	5	10	8	3	11	15	10	25
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition	1	5	1	6	1	3	4	14	1	15	20	5	25
Post Harvest Technology	1	2	1	3	3	0	3	14	5	19	19	6	25
Others, if any (Farm mechanization)	5	5	6	11	13	18	31	37	46	83	55	70	125
TOTAL	**8**	**14**	**10**	**24**	**22**	**26**	**48**	**73**	**55**	**128**	**109**		
VII. Plant Protection													
Integrated Pest Management	5	90	12	102	11	3	14	6	3	9	107	18	125
Integrated Disease Management	3	53	3	56	8	3	11	6	2	8	67	8	75
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL	**8**	**143**	**15**	**158**	**19**	**6**	**25**	**12**	**5**	**17**	**174**	**26**	**200**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish													

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
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 (Fish health management)	2	3	1	4	7	2	9	28	9	37	38	12	50
Others, if any (Varietal evaluation)	1	1	0	1	4	2	6	14	4	18	19	6	25
Others, if any (Natural aqua farming)	1	2	1	3	3	0	3	14	5	19	19	6	25
Others, if any (IMC)	1	1	0	1	4	2	6	14	4	18	19	6	25
TOTAL	**5**	**7**	**2**	**9**	**18**	**6**	**24**	**70**	**22**	**92**	**95**	**30**	**125**
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and 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													

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
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any (ICT)	1	4	2	6	4	2	6	10	3	13	18	7	25
TOTAL	**1**	**4**	**2**	**6**	**4**	**2**	**6**	**10**	**3**	**13**	**18**	**7**	**25**
XI Agro-forestry													
Production technologies	1	3	2	5	1	2	3	15	2	17	19	6	25
Nursery management	1	2	0	2	3	0	3	18	2	20	23	2	25
Agroforestry management	3	8	6	14	0	0	0	49	12	61	57	18	75
Propagation methodology	1	2	4	6	3	3	6	11	2	16	9	25	25
Tree management	1	6	01	07	01	01	02	13	03	16	20	05	25
Value addition	1	5	2	7	0	1	1	15	2	17	20	5	25
TOTAL	**8**	**26**	**15**	**41**	**8**	**7**	**15**	**121**	**23**	**147**	**148**	**61**	**200**
XII. Others (Pl. Specify)													
TOTAL													

Rural youth

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Others					
		M	F	T	M	F	T	M	F	T	M	F	T
Soil fertility & management													
Mushroom Production	1		12	12	-	5	5	-	3	3	-	20	20
Bee-keeping	1	12	2	14	2	1	3	2	1	3	16	4	20
Integrated pest management													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops	2	26	4	30	4	2	6	2	2	4	32	8	40
Hi-tech horticulture	1	10	1	11	3	1	4	5	0	5	18	2	20
Commercial fruit production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Others					
		M	F	T	M	F	T	M	F	T	M	F	T
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	1	2	0	2	1	0	1	15	2	17	18	2	20
Training and pruning of orchards													
Value addition	2	-	26	26	-	6	6		8	8	-	40	40
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing	1	2	0	2	1	0	1	17	0	17	20	0	20
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development	2	4	4	8	4	5	9	20	3	23	28	12	40
Agroforestry	1	0	0	0	0	0	0	17	3	20	17	3	20

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Others					
		M	F	T	M	F	T	M	F	T	M	F	T
management													
Others if any (Income generation)	3	9	6	15	8	6	14	23	8	31	40	20	60
Integrated fish farming	1	7	0	7	3	0	3	10	0	10	20	0	20
TOTAL	**16**	**79**	**58**	**137**	**28**	**26**	**54**	**104**	**25**	**129**	**211**	**109**	**320**

Extension functionaries

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Others					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops (Soil fertility)													
Integrated Pest Management	1	1	1	2	1	0	1	15	2	17	19	1	20
Bio-pest management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Nutritional security	1	0	12	12	0	4	4	0	4	4	0	20	20
Farm mechanization	1	7	0	7	3	0	3	10	0	10	20	0	20
Protected cultivation technology													
Formation Management of SHG													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application	2	6	6	12	6	6	12	8	8	16	20	20	40
Care and maintenance of farm machinery and implements													
WTO and IPR issues													

Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Composite fish Culture	1	7	0	7	3	0	3	10	0	10	20	0	20
Agroforestry	1	3	0	3	1	0	1	14	2	16	15	5	20
TOTAL	**7**	**24**	**19**	**43**	**14**	**10**	**24**	**57**	**16**	**73**	**94**	**46**	**140**

4. Frontline demonstration to be conducted*

FLD-1 (Code - 24FPP05(K)	**Demonstration on integrated management of stem borer and leaf folder in Rice**
Crop:	Paddy
Thrust Area:	IPM
Thematic Area:	IPM
Season:	Kharif 2025
Farming Situation:	Paddy-greengram

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T

1	Paddy Kharif	2/10	Nursery treatment with Chlorantraniliprole 0.4G @ 400 g/40m^2, Fixing of Pheromone traps 25 nos./ha at 15 to 20 DAT, Alternate spraying of Fipronil 5SC @ 1250 ml/ha and Cartap hydrochloride 50 SP @ 750 g/ha starting from 25 DAT	Pest incidences (%), Yield, ICBR and farmers' feedback	Chlorantraniliprole 0.4G, Pheromone traps, Fipronil 5SC, Cartap hydrochloride 50 SP	1600/ unit	1300/ unit	2	0	1	0	7	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
Training	Integrated management of stem borer and leaf folder in rice	1	F/FW	1	Off	2	0	1	0	22	0	25	0	25
Field day	Management of stem borer and leaf folder in rice	1	F/FW	1	Off	4	2	1	1	20	2	25	5	30

FLD-2 Code-25FPP14(R)	**Demonstration on IDM approaches in Bittergourd**
Crop	Bittergourd
Thrust Area	IDM
Thematic Area	IDM
Season	Rabi, 2025-26
Farming Situation	Vegetable-vegetable

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Bitter gourd Rabi	1/10	Seed treatment with Carbendazim 12%+ Mancozeb 63% @3g/kg,Drenching of Captan 70% + Hexaconazole 5% WP @ 0.1% at 15days after germination,Spray with Thiamethoxam 25 WG@6 g/15 lit+Neem oil @ 0.2% at 25 days after germination, spray of (Captan 70% +Hexaconazole 5% WP) @ 0.1% at 35 days after germination, Spray of Fosetyl-Al @ 0.1% at 45 days after germination	Disease severity index (%),Yield (q/ha), Economics, ICBR ratio,	Carbendazim 12%+ Mancozeb 63% , Captan 70% + Hexaconazole 5% WP,Neem oil, ,Thiamethoxam 25 WG,Neem oil, , Fosetyl-Al	1800/unit	1000/ unit	2	0	1	0	7	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
Training	Integrated disease management in bitter gourd	1	F/FW	1	Off	3	2	2	1	15	2	20	5	25
Field day	Integrated disease management in	1	F/FW	1	Off	3	2	3	2	18	2	24	6	30

	bitter gourd													

FLD-3 code- 25FPP15(R)	**Demonstration on management of Bacterial wilt and blight diseases in Potato**
Crop	Potato
Thrust Area	IDM
Thematic Area	IDM
Season	Rabi 2025-26
Farming Situation	Vegetable-vegetable

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Potato Rabi	1/10	Soil application of bleaching powder @12 kg/ha, One prophylacticspray of chlorothalonil 75% WP @1.5 g/lit, spraying of(Fenamidon 10%+Mancozeb 50% WDG)@3 gram /lit twice at 10 days interval starting from initial occurrence of blight disease	Disease severity index (%),Yield (q/ha), Economics , ICBR	Soil Bleaching powder, chlorothalonil 75% WP, (Fenamidon10%+ Mancozeb 50% WDG	1500/ unit	1200 /unit	2	0	1	0	7	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
Training	Integrated disease management of Potato	1	F/FW		on	2	1	0	0	18	0	20	0	25
Field day	Integrated disease management of Potato	1	F/FW		Off	2	2	1	1	20	4	23	7	30
Training	IPDM in protected cultivation	1	RY		On	2	1	1	1	13	2	16	4	20
Training	Biointensive pest management in vegetables	1	EF		off	1	1	1	0	15	2	17	3	20

FLD-4 (Code - 24FPP10(R)	**Title -** Demonstration on IDM (MYMV, Wilt & Powdery Mildew) strategies in Greengram
Crop	Greengram
Thrust Area	IDM
Thematic Area	IDM
Season	Rabi 2025-26
Farming Situation	Paddy-greengram

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 Rabi	2/10	Soil treatment with OKT-G @ 10 kg/ha with 100 kg FYM, seed treatment with Imidacloprid 600 FS @ 5 ml/kg of seed,	PDI (%),Yield, ICBR and farmers' feedback.	Trichoderma(OKT-G) Imidacloprid 600 FS, yellow sticky trap, (Carbendazim + Mancozeb)	1400/ unit	1000/ unit	2	0	1	0	7	0	10	0	10

			Fixing of yellow sticky traps @ 50 nos./ha, alternate spraying of (Carbendazim + Mancozeb) @ 1 kg/ha and Propiconazole 25EC @ 500 ml/ha at 10 days interval starting from 30 DAS		Propiconazole 25EC											

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 disease management of greengram	1	F/FW		Off	2	2	1	2	16	2	19	6	25
Field day	Integrated disease management strategies in greengram	1	F/FW		Off	1	1	2	2	22	2	25	5	30

FLD-5 Code-25FAE06(R)	**Demonstration of dry land power weeder in sugarcane**
Crop	Sugarcane
Thrust Area	Sugarcane mechanization
Thematic Area	Mechanical Weed Management
Season	Rabi 2026
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	Sugarcane	10 units	Self-propelled dry land power weeder	Weed control(%), Labor requirement(MD/Ha), Field capacity	Power weeder	300/unit	500/unit	2	0	2	2	4	0	8	2	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	Use of power weeder for intercultural operation in sugarcane crop	1	F/FW	1	Off	2	2	5	5	8	3	15	10	25
Field Day	Field day on Performance of Power Weeder in sugarcane	1	F/FW, IS	1	Off	7	3	2	2	8	10	15	15	30

FLD-6 Code- 24FAE07(K)	**Demonstration of Agricultural Drone sprayer for control of stem borer in paddy-**
Crop	Rice
Thrust Area	Farm Mechanization in agriculture
Thematic Area	Farm Mechanization
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	2ha.	Agriculture Drone Spraying height-3 meter above the crop	Capacity (ha/h), Time saving (h/ha), Cost saving (Rs/ha),	-	-	-	1	1	4	2	2	0	7	3	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	Use on Agricultural Drone sprayer for control of stem borer in paddy	1	F&FW	1 day	Off	2	2	10	6	3	2	15	10	25
Field day	Field day on Agricultural Drone sprayer for control of stem borer in paddy	1	F&FW, IS	1 day	Off	2	1	3	2	15	2	15	5	20

FLD-7 Code- 23FAE14(R)	**Demonstration on tractor operated multi-crop thresher for greengram-**
Crop	Pulse
Thrust Area	Application of farm implements in Agriculture
Thematic Area	Farm Mechanization
Season	Rabi, 2026
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	Pulse	10 unit	Tractor operated muti-crop thresher, Threshing capacity- 3000 - 5000 kg/hr, Tractor- 35 HP Tractor or Above)	Threshing Efficiency (%), Labour Requirement (MDs/ha)	Tractor operated muti crop thresher	1000/unit	200/unit	1	0	0	1	8	0	9	1	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	Mechanized pulse thresher	1	F/FW	1	Off	0	2	0	3	0	20	0	25	25
Field Day	Field day on pulse thresher.	1	F/FW, IS	1	Off	8	4	2	2	10	6	20	10	30

FLD-8 **Code- 24FAE09(R)**	**Demonstration on Tractor drawn Straw baeler**
Crop	Rice
Thrust Area	Crop residue management
Thematic Area	Farm Mechanization
Season	Rabi 2026
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	5 nos.	Tractor drawn Straw baeler	Labour Requirement (MD/hr), Field capacity(ha/hr), BC Ratio	Tractor drawn Straw baeler	5000/ hr	1000/ hr	3	-	0	-	2	-	5	0	5

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	Use of Tractor drawn Rice straw baeler	1	F/FW	1	Off	2	2	5	6	6	4	13	12	25
Field Day	Performance of rice straw baeler	1	F/FW, IS	1	Off	1	1	2	1	9	6	12	8	20

FLD-9 **Cose- 25FAE01(R)**	**Demonstration on Demonstration on Tractor Operated Happy seeder for greengram sowing -**
Crop	Sugarcane
Thrust Area	Weed Management
Thematic Area	Farm Mechanization
Season	Rabi 2026
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	Greengram	5 nos.	Tractor Operated Happy seeder	Field capacity(hr/ha), Labour Requirement (MD/hr)	Tractor Operated Happy seeder	2000/ hr	1000/ hr	3	-	0	-	2	-	5	0	5

				BC Ratio												

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	Performance Tractor Operated Happy seeder machine for greengram sowing.	1	F/FW	1	Off	2	2	5	6	6	4	13	12	25
Field Day	Performance of Happy seeder machine for greengram sowing.	1	F/FW, IS	1	Off	1	1	2	1	9	6	12	8	20

FLD-10 Code-24FHS26(K/R)	**Demonstration on backyard drumstick Cultivation to address malnutrition**
Crop:	Drumstick
Thrust Area:	Nutritional Security
Thematic Area:	Nutri rich vegetables
Season:	Kharif 2025
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	Drumstick	10 units	**(**Spacing: 5 ft. x 7 ft.; plant height:8-10 ft; Harvested at 6 months; Fruits are fleshy & tasty; Fruits & leaves are rich in vitamins & minerals) (Variety**:ODC3**) **(Source-Indian Agri Farm, 2017)**	Yield, Net Income, BC ratio	Seedling				2	0	1	-	7	-	10	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue	No. of Participants

					On/ Off	SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Scientific technique of backyard drumstick cultivation to address malnutrition.	1	F/FW	1	Off	-	3		1		21		25	25
Field Day	Field Day on Scientific technique of backyard drumstick cultivation.	1	F/FW	1	Off	-	5	-	2	-	23	-	30	30
Farm field school	Scientific technique of backyard drumstick cultivation	1	F/FW	1	Off	4	4	1	3	5	13	10	20	30

FLD-11 (Code-25FHS01(K/R)	**Demonstration of Ganga Maa mandal Nutri-garden model for House hold Nutritional security**
Crop:	Vegetables
Thrust Area:	Nutritional security of farm families.
Thematic Area:	Nutri rich vegetables
Season:	Kharif-Rabi, 2025
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	Vegetables	10unit	(The Ganga Maa Mandal Model is a circular garden layout covering less than 800 sq ft with a 30-foot diameter, divided into four concentric rings separated by 1.5-foot-wide walkways for easy access. At the center is a 3-foot-wide, 2-foot-deep compost pit for recycling organic waste. Tall and vine crops like banana, papaya, and bottle gourd are planted along the outer ring, while inner rings host a mix of seasonal vegetables and leafy greens. This design maximizes space, supports year-round cultivation, and promotes soil health through integrated composting.) **Source: Gujrat Vidyapith, Krishi Vigyan Kendra,2020**	Average consumption of vegetables (g/member/day), Nutritional availability/ member/day, Average total Production (Kg), Additional Income (Rs.), B:C ratio	Seeds, seedlings	1000/unit	500/unit		2	0	1	-	7	-	10	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Household food security by kitchen gardening and nutrition gardening	1	F/FW	1	Off	-	4		1		20		25	25

Field Day	Field Day on household food security by kitchen gardening and nutrition gardening	1	F/FW	1	Off	-	4	-	3	-	23		30	30
Farm field school	Household food security by kitchen gardening and nutrition gardening	1	F/FW	1	Off	4	4	1	3	5	13	10	20	30

FLD-12 (**Code**-24FCS27 (R))	**Demonstration on preparation of mushroom soup mix**
Crop:	Oyster mushroom
Thrust Area:	Mushroom production
Thematic Area:	Value addition of mushroom
Season:	Rabi -2025
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	Oyster mushroom	10 units	**(**Mushroom soup mix was developed with 30% oyster mushroom powder, 30% corn flour, 25% milk powder, 8% salt, 3% sugar, 2% black pepper, and 2% oregano. This soup mix has to be boiled	Shelf life(days), Conversion ratio, Net Return(Rs.), B:C ratio	Oyster mushroo powder, corn flour, milk powder, salt, sugar, black pepper,oregano,Polythene				3	0	0	-	7	-	10	10

			for 2 minutes with 14 times quantity of water) **(Source: ICAR-DMR for Commercial Use, 2020)**												

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	Scientific process of preparation of mushroom soup mix	1	F/FW	1	Off	3	2	1	1	5	13	9	16	25
Field Day	Field day on scientific process of preparation of mushroom soup mix	1	F/FW	1	Off	4	2	2	1	10	11	16	14	30
Farm field school	Scientific process of preparation of mushroom soup mix	1	F/FW	1	Off	2	4	2	9	9	4	13	17	30

FLD-13 (**Code-**23FAS09 (K/R))*	**Demonstration on backyard or low input technology(LIT) poultry farming (Aseel)**
Crop:	Poultry
Thrust Area:	Low family income
Thematic Area:	Income generation
Season:	Rabi, 2025
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.	Poultry chicks	10 unit	Rearing LIT birds under semi-intensive system with proper brooding management **(Source: CPDO, BBSR, 2019)**	Mortality, body weight gain and annual egg production.	Aseel chicks	200/unit	100/unit		3	0	0	-	7	-	10	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Rearing of poultry bird in backyard	1	F/FW	1	Off	3	2	1	1	5	13	9	16	25
Field Day	Field day on poultry bird in backyard	1	F/FW	1	Off	4	2	2	1	10	11	16	14	30
Farm field school	Rearing of poultry bird in backyard	1	F/FW	1	Off	2	4	2	9	9	4	13	17	30

FLD-14 Code- 25FAF01(K/R)	**Demonstration of Arrowroot in Natural farming system**
Crop	Arrowroot
Thrust Area	Production technologies
Thematic Area	Production technologies
Season	Kharif, 2025
Farming Situation	Rainfed Forest 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	Arrowroot	0.4	Demonstration of Arrowroot	Yield(t/ha)	Bijamruta, Jivamruta,	3000	-	0	0	0	0	10	0	10	0	10

					Handi khta											

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
Method demonstration	Treatment of arrowroot with components	1	F/FW	1	Off	0	0	0	0	37	10	37	13	50
Training	Seed to seed practices in natural farming	1	F/FW	1	Off	0	0	0	0	25	0	25	0	25

FLD-15 Code- 25FAF02(K/R)	**Demonstration of fruit-based (mango +dragon fruit + pineapple) multistorey system**
Crop	Pineapple and dragon fruit
Thrust Area	Production technologies
Thematic Area	Production technologies
Season	Kharif 2025
Farming Situation	Rainfed upland

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Pineapple (Queen) dragon fruit	0.4	Healthy planting materials of pineapple are planted at a spacing 60 cm between rows and 30 cm between plants within the rows	Fruit yield/ha, BC ratio	Pineapple and dragon fruit	10000	-	2	1	1	1	4	0	7	3	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	Model establishment	25	F&FW	1 day	Off	3	2	0	0	15	5	19	6	25

	and operation for Agri-Horti Agroforestry conservation													
Training	Operations for silviculture in an agroforestry paradigm based on fruits/vegetables	25	F&FW	1 day	Off	5	2	0	0	15	3	20	5	25

FLD-16 Code- 24FAF03(K/R)	**Demonstration on Vermicomposting by use of forest leaves**
Crop	Sal
Thrust Area	Vermicompost technology
Thematic Area	Vermicompost technology
Season	Rabi 2025
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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Sal	10 unit	Vermicomposting from cow dung+ Sal	Yield (q/ha) NPK (%)	Cow dung + forest species leaves substrate	14000	5500	2	0	1	0	7	0	10	0	10

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	Vermicomposting and its preparation	1	F/FW	1	Off	2	2	0	0	18	3	20	5	25

Extension and Training activities under FLD:

FLD-17 **Code-23FAF04(K)***	**Demonstration of broom grass in undulating wasteland of Nayagarh district**
Crop	Broomgrass
Thrust Area	Income generation
Thematic Area	Income generation
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.	Broomgrass	0.4	The seedlings are planted at a spacing of 2mx2m. The panicles from the grass are harvested from dec to March when the panicles become tough and its colour changes to light green or red or brown	harvested broom/panicle, BC ratio	Broomgrass	35000	0	05	0	0	0	0	05	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
Training	Broom grass cultivation with upkeep techniques to generate revenue	25 no.	F&FW	1 day	Off	4	1	3	3	12	2	19	6	25

FLD- 18 -Code- 25FEE01(Y)	**Demonstration on extent of adoption of climate resilient technology among farmers for sustainable production.**
Commodity	--
Thrust Area	Technology Adoptability
Thematic Area	Adoption of climate resilient technology
Season	2025-26
Farming Situation	Rainfed 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.	Crops	10	Recommended climate resilient technology/enterprises practice by the farmers.	Cost reduction (Rs. /ha), Yield enhancement (q/ha), Crop loss (%), cropping intensity (%), Incremental income	--	--	--	10	0	10	0	10	0	30	0	30

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T

FLD-19 Code- 24FEE02 (Y)	**Demonstration of usefulness of crop calendar for improving technical knowledge of farmers and application of technology**
Commodity	Crop Calendar
Thrust Area	Information dissemination through print media
Thematic Area	Technology transfer
Season	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.	Crop calendar	--	Providing crop calendar with technology specific informative messages (pictorial) for enhancing technical know how	Usefulness of the calendar, Knowledge gained, Production enhanced, Applicability, understandability, retention and retrieval of information	Crop calendar	15000	--	10	0	10	0	10	0	30	0	30

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T

FLD- 20 - Code- 23FAS04	**Demonstration of small scale quail farming at homestead**
Crop	Japanese Quail
Thrust Area	Diversification in poultry farming other than chicken and introduction of new venture among poultry growers
Thematic Area	Poultry 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	Japanese Quail	10	Japanese Quails are comparatively sturdy birds, requires less floor space (3 weeks old quail will be distributed for rearing in homestead). At the age of six weeks, female quails usually weigh 175-200 g and the males weigh about 125-150 g. Female quails start laying eggs at 7 weeks of age and continue utpo 22 weeks of age.	Body weight gain in 8 weeks (g) Egg production (No.) Cost of intervention, Net return (Per 20birds), B: C Ratio	One week old quail	15000	5000	2	1	2	2	2	1	6	4	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 performance small scale Japanese quail farming at homestead.	01	50	1	Off	10	5	10	5	15	5	35	15	50
Training	Training on sustainable income generation through quail farming	01	20	1	20	3	2	3	2	5	5	11	9	20

FLD-21 Code- 25FAG5K	**Demonstration on indigenous aromatic rice var. Kalikati**
Crop	Rice
Thrust Area	Upscaling of high value cereal crops
Thematic Area	Production technology
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	1.0	Cultivation of Kalikati : Indigenous medium grain aromatic rice variety with avg. duration of 140 days and yield potential of 30-35q/ha	Effective tillers/hill, grains/panicle, test weight, aroma parameter, crop duration, yield, Economics	Rice: Kalikati	600	450	2	0	2	0	6	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	Demonstration on indigenous aromatic rice var. Kalikati	1	50	1	Off	10	5	10	5	15	5	35	15	50
Training	Training on cultivation of high value export oriented cereal crops	1	25	1	Off	5	5	5	5	5	0	15	10	25

	for profit maximization.													
Exposure Visit	FPO visit to production unit for market linkage	1	30	1	off	5	5	5	5	5	5	15	15	30

FLD- 22 Code- 24FAG12(K)	**Demonstration on finger millet OUAT Kalinga Ragi (var. Shreeratna)**
Crop	Finger millet
Thrust Area	Varietal promotion of nutria-rich cerelas
Thematic Area	Production technology
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	Finger millet	10	Cultivation of OUAT Kalinga Ragi-1 (Shreeratna): Duration- 117 days. Medium sized, light brown seed colour. Average yield-2416 kg/ha. Non lodging and non-shattering. Suitable for kharif and irrigated summer.	Effective tillers/hill,No .of finger/hill, test weight, crop duration, yield, Economics	Finger millet seed	2500	1000	3	0	3	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	Demonstration on finger millet OUAT Kalinga Ragi (var. Shreeratna)	1	50	1	Off	15	5	15	5	20	5	35	15	50

Training	Salient characteristic of millet & non-millet varieties, & scope for farm to folk	1	25	1	Off	10	0	10	0	5	0	25	0	25
Training	Integrated nutrient management practices for enhancing productivity in millet	1	25	1	Off	10	0	10	0	5	0	25	0	25

FLD- 23 Code- 25FAG26(K/R)	**Demonstration on sulphur application in sugarcane**
Crop	Sugarcane
Thrust Area	Nutrient management
Thematic Area	Integrated Nutrient management
Season	Rabi, 2025-26
Farming Situation	Irrigated lowland

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Sugarcane	10	Integrated application of (STBFR + BC + 0.2 LR + Elemental Sulphur + Trash mulching)	Cane Yield, No. of tiller, Plant height,stalk diameter	Elemental sulphur	10000	6000	3	0	3	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	Integrated application of (STBFR + BC + 0.2 LR + Elemental Sulphur + Trash mulching)	1	50	1	Off	10	5	10	5	15	5	35	15	50

FLD-24 Code- 24FFS02(K)	Demonstration of Genetically Improved (GI) Catla in composite carp culture-
Crop	Indian Major Carp (IMC)
Thrust Area	Culture based fish Pond
Thematic Area	Varietal Introduction
Season	Kharif, 2025
Farming Situation	Pond Based

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	Genetically Improved (GI) Catla	4 Ha. (10nos.)	Culture of genetically improved catla in composite carp culture with species ratio :- GI-Catla: Rohu: Mrigal:3:4:3 @ 10000 nos/ha	Survivability, Size, ABW, Yield	GI Catla fingerling	65000	45000	2	0	1	0	7	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
Training	Genetically Improved (GI) catla in composite carp culture	1	F/FW	1	Off	--	--	--	--	19	6	19	6	25
Awareness	SCSP	1	F/FW	1	Off	14	3	2	3	6	2	22	8	30
Booklet	Rural Aquaculture	1	F/FW											

FLD-25 Code 24FFS03(K)	Demonstration on Polyculture of CIFA Carp Grower Feed-
Crop	Fishery
Thrust Area	Culture based fish Pond
Thematic Area	Feed Management
Season	Kharif,2025
Farming Situation	Pond Based

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	Fishery	10	Use of cost-effective CIFA- carp grower floating fish feed (1-3% of biomass daily)	Survival Rate (%), ABW (g), FCR, BCR	CIFA Carp Grower Feed	-	-	3	-	0	-	7	-	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
Training	Use of cost-effective CIFA- carp grower floating fish feed	1	F/FW	1	Off	2	2	5	6	6	4	13	12	25
Aqua Field School	Intercrop in aquaculture	1	F/FW	1	Off	8	3	6	3	10	0	24	6	30

Repeat the above tables and information in Point no. 4 for EACH FLD being proposed.

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

Name of the Crop / Enterprise	Variety / Type	Period from 01.04.2024to 31.03.2025	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (quintals)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Paddy	Hasant	Kharif	1.0	FS	40.0	92000	156000	64000
Finger millet	Arjun	Rabi	1.0	TL	6.0	18000	41400	23400
Vegetable Seedling	Hybrid & OP	Round the year	100000 nos.	QPM	100000 nos.	75000	250000	175000
Papaya Seedlings	Hybrid & OP	Kharif	2000	Hybrid	2000	20000	50000	30000
Drumstick Seedlings	ODC 3	Kharif	3000 nos.	Hybrid	3000 nos.	15000	45000	30000
Forest /Medicinal Seedlings	Lemon grass, Gliricidia	Kharif		--	15000 nos.	100000	200000	100000
Carp	Rohu (Jayanti, Amur carp, Grass carp	Round the year						
Chicks	Banaraja, Aseel, Kadaknath, Rainbow Rooster, Pallishree, RIR	Round the year	--	21days old chicks	5000 no.	205000	330000	125000
Vermicompost	--	Round the year	--	--	80	80000	160000	80000
Vermi wash	--	Round the year	--	--	10 lt.			
vermin		Round the year			20kg	2000	10000	8000
Mushroom spawn		Kharif & Rabi	5000 bottles		5000 bottles			

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.)

i. 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	15	320	200	520	30	18	12	30	338	212	550
2.	KisanMela	2	240	160	400	25	20	16	36	260	176	436
3.	KisanGhosthi	8	80	80	160	20	5	3	8	85	83	168
4.	Exhibition	4	540	234	774	25	18	12	30	558	246	804
5.	Film Show	30	398	278	676	25	20	15	35	418	293	711
6.	Method Demonstrations	25	230	70	300	25	15	15	30	245	85	330
7.	Farmers Seminar	2	38	22	60	15	8	6	14	46	28	74
8.	Workshop	3	35	23	58	20	6	5	11	41	28	69
9.	Group meetings	15	178	58	236	25	20	12	32	198	70	268
10.	Lectures delivered as resource persons	30	600	300	900	25	0	0	0	600	300	900
11.	Advisory Services	40	0	0	0	30	0	0	0	0	0	0
12.	Scientific visit to farmers field	245	1856	1020	2876	30	85	72	157	1941	1092	3033
13.	Farmers visit to KVK	856	396	234	630	35	0	0	0	396	234	630
14.	Diagnostic visits	45	248	95	343	20	10	5	15	249	100	349
15.	Exposure visits	5	66	34	100	20	1	4	5	67	38	105
16.	Ex-trainees Sammelan	3	50	27	77	20	4	2	6	54	29	83
17.	Soil health Camp	2	50	50	100	30	3	3	6	53	53	106
18.	Animal Health Camp	1	20	30	50	20	2	2	4	22	32	54
19.	Agri mobile clinic	25	255	100	355	25	10	14	24	265	114	379
20.	Soil test campaigns	2	50	50	100	25	2	2	4	52	52	104
21.	Farm Science Club Conveners meet	6	130	50	180	25	5	8	13	135	58	193
22.	Self Help Group Conveners meetings	2	0	50	50	25	2	3	5	2	53	55
23.	Mahila Mandals Conveners	2	0	50	50	25	2	3	5	2	53	55

	meetings											
24	Celebration of important days (specify)	5	100	50	150	30	10	15	25	110	65	175
25	Sankalp Se Siddhi	-	0	0	0				0	0	0	0
26	Swachhta Hi Sewa	10	200	200	400	30	12	5	17	230	212	442
27	Mahila Kisan Divas	1	0	50	50	20	2	5	7	2	55	57
28	Plant Health	20	420	263	683	25	10	7	17	430	270	700
29	Farm Field School	-	0	0	0	--	0	0	0	0	0	0
30	Innovative farmers documentation	2	15	5	20	10	0	0	0	15	5	20
31	Awareness programme for FPO	4	70	50	120	30	8	7	15	77	57	132
	Total	**994**	**6615**	**3885**	**10500**	**710**	**301**	**267**	**568**	**6925**	**4159**	**11084**

3. Revolving Fund (in Rs.)

Opening balance of (As on 01.04.2024)	Amount proposed to be invested during 2024-25	Expected Return
81,333/-	5,21,088	167959

4. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)
VOTI	State Govt.	2,50,000
NFDB	State Govt.	2,73,750
BLACK BENGAL GOAT	ICAR	10,000
ARYA	Central Govt.	4,98,577

9. On-farm trials to be conducted*

OFT: 1

i.	Season	**:**	Rabi 2025-26
ii.	Title of the OFT	**:**	**Assessment of management practices against thrips and mites in Chilli. Code- 25OPP03(R)**
iii.	Thematic Area	**:**	IPM
iv.	Problem diagnosed	**:**	Incidence of thrips and mites in chilli greatly reduces the yield
v.	Important Cause	**:**	Infestation of thrips and mites in chilli greatly reduces the yield
vi.	Production system	**:**	Vegetable-Vegetable
vii.	Micro farming system	**:**	Irrigated upland
viii.	Technology for Testing	**:**	Chemical management in chilli

ix.	Existing Practice	:	Spraying of Thiamethoxam 25WG/Acetamiprid 20 SP 500 gm/ha/Imidacloprid 17.8 SL @300 ml/ha/Dimethoate 30 EC @1 lit/ha
x.	Hypothesis	:	Chemical management greatly reduces the infestation of thrips and mites in chilli and increases the yield
xi.	Objective(s)	:	To control the sucking pest like thrips and mites and enhances the yield in chilli cultivation
xii.	Treatments:		
	Farmers Practice (FP)	:	Spraying of Thiamethoxam 25WG/Acetamiprid 20 SP 500 gm/ha/Imidacloprid 17.8 SL @300 ml/ha/Dimethoate 30 EC @1 lit/ha
	Technology option-I (TO_1)	:	Regular alternate weekly spraying of Imidacloprid 17.8 SL @0.5 ml/l,Neem oil 3000 ppm@2.5 ml/l,Fipronil 80 WG@100 gm/ha,(Fipronil 40%+Imidacloprid 40%)WG@100 g/ha,Cyantaniliprole 10 OD@600 ml/ha,Acetamiprid 20 SP@100 g/ha and Spirotetramate 150 OD@400 ml/ha starting from first week of transplanting
	Technology option-II (TO_2)	:	Seed treatment with Imidacloprid 600 FS@5 ml /kg of seed and foliar spraying of Spiromesifen 22.9%SC@1 ml/l of water at 30 and 45 DAT
xiii.	Critical Inputs	:	Imidacloprid 17.8 SL,Neem oil 3000 ppml,Fipronil 80 WG,(Fipronil 40%+Imidacloprid 40%)WG,Cyantaniliprole 10 OD,Acetamiprid 20 SP, Spirotetramate 150 OD,Imidacloprid 600 FS,Spiromesifen 22.9%SC
xiv.	Unit Size	:	0.1 ha
xv.	No of Replications	:	10
xvi.	Unit Cost	:	2000
xvii.	Total Cost	:	20000
xviii.	Monitoring Indicator	:	Infested plant (%),No of thrips and mites /3 leaves Yield, ICBR
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	IIHR ,AR,2023 and RRTTS(CZ),OUAT,2019

OFT-2

i.	Season	:	KHarif 2025
ii.	Title of the OFT	:	**Assessment of IPM Module for the management of Brinjal shoot and fruit borer. Code- 25OPP04(K/R)**
iii.	Thematic Area	:	IPM
iv.	Problem diagnosed	:	Incidence of pest like shoot and fruit borer greatly reduces the yield in brinjal
v.	Important Cause	:	Incidence of pest like shoot and fruit borer greatly reduces the yield in brinjal
vi.	Production system	:	Vegetable- Vegetable
vii.	Micro farming system	:	Irrigated upland
viii.	Technology for Testing	:	
ix.	Existing Practice	:	Spraying of (Chlorpyrifos 50%+Cypermethrin 5 %)//(Triazophos 35%+Deltamethrin 1%)/Profenofos 40%+Cypermethrin 4%) @ 1lit/ha
x.	Hypothesis	:	IPM including Pheromone trap,botanical and new molecules control shoot and fruit borer effectively
xi.	Objective(s)	:	To control shoot and fruit borer effectively in brinjal
xii.	Treatments:		
	Farmers Practice (FP)	:	Spraying of (Chlorpyrifos 50%+Cypermethrin 5 %)/(Triazophos 35%+Deltamethrin 1%)/Profenofos 40%+Cypermethrin 4%) @1lit/ha
	Technology option-I (TO_1)	:	Clipping of infested shoots & fruits regularly, Installation of pheromone traps @ 25/ha at 20 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 15 days interval starting from 60 DAT
	Technology option-II (TO_2)	:	Clipping of infested shoots & fruits regularly, , Installation of pheromone traps @ 25/ha at 20 DAT, spraying of Azadiractin 1500 ppm @ 3 ml/l at 30 DAT , Alternate spraying of Spinetoram 11.7 SC @ 1 ml/l and Flubendiamide 39.35 SC 0.4 ml/lit at 15 days interval starting from 45 DAT
xiii.	Critical Inputs	:	pheromone traps , Azadiractin 1500 ppm,Bt,Chlorantraniliprole 18.5% SC, Spinetoram 117 SC and Flubendiamide 39.35 SC
xiv.	Unit Size	:	0.1 ha
xv.	No of Replications	:	10
xvi.	Unit Cost	:	2200
xvii.	Total Cost	:	22000

xviii.	Monitoring Indicator	:	Shoot infestation %,Fruit infestation %,Yield, ICBR
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, specify)	:	OUAT, AR, 2019,Dept. of Entomology, OUAT, 2023 and

OFT-3

i.	Season	**:**	*Rabi, 2026*
ii.	Title of the OFT	**:**	**Assessment of packaging methods for kanteimundi brinjal-24OAE07(R)**
iii.	Thematic Area	**:**	Post Harvest Technology
iv.	Problem diagnosed	**:**	Difficulties in plucking of brinjal and transportation of brinjal to long distances
v.	Important Cause	**:**	Transportation with proper packaging material to improve the consumer acceptance and marketing
vi.	Production system	**:**	Rice-Vegetable
vii.	Micro farming system	**:**	Rainfed
viii.	Technology for Testing	**:**	Packaging methods for transportation
ix.	Existing Practice	**:**	Gunny bag/ Crate Packing
x.	Hypothesis	**:**	Thorns causing rupture on the surface of fruit
xi.	Objective(s)	**:**	To assess different Packaging practices for kanteimundi brinjal
xii.	Treatments:		
	Farmers Practice (FP)	**:**	Gunny bag packing
	Technology option-I (TO_1)	**:**	Hydrocooling at 15ºC for 10 mins and then Packing with cardboard corrugated box
	Technology option-II (TO_2)	**:**	Hydrocooling at 28ºC for 10 mins then Packing with foam wrap
	Technology option-III (TO_3)		Hydrocooling at 7ºC for 20 mins then Packing with Molded Pulp Trays with perforated polythene
xiii.	Critical Inputs	**:**	Cardboard, foam net, Molded Pulp Trays with perforated polythene
xiv.	Unit Size	**:**	5 unit
xv.	No of Replications	**:**	4
xvi.	Unit Cost	**:**	2000
xvii.	Total Cost	**:**	20000
xviii.	Monitoring Indicator	**:**	Quality Parameters (Shelf Life and texture)

xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	Research Article, International Journal of Food Science and Nutrition, 2018

OFT-4

i.	Season	:	*Rabi, 2026*
ii.	Title of the OFT	:	**Assessment on Preparation of Self stable Sugarcane Ready to Serve drinks-25OAE03(R)**
iii.	Thematic Area	:	Post Harvest Processing
iv.	Problem diagnosed	:	Not availability of Sugarcane RTS in the market
v.	Important Cause	:	Sugarcane RTS with storage for 1 month
vi.	Production system	:	Rice- Sugarcane
vii.	Micro farming system	:	Rainfed medium land
viii.	Technology for Testing	:	Sugarcane RTS preparation
ix.	Existing Practice	:	Sugarcane Jaggery
x.	Hypothesis	:	Optimized Pasteurization will Minimize Browning and Preserve Flavor, Natural Preservatives and Pre-Treatments can Enhance Preservation
xi.	Objective(s)	:	To assess the preparation procedure for Sugarcane RTS
xii.	Treatments:		
	Farmers Practice (FP)	:	No RTS prepartion
	Technology option-I (TO_1)	:	Pasteurizing Temperature- 80ºC, Suitable additives like lemon juice (3 ml/100 ml), Ginger extract(1.5ml/100ml)
	Technology option-II (TO_2)	:	Pasteurizing Temperature- 70ºC, Suitable additives like lemon juice (4 ml/100 ml), Ginger extract(2.5ml/100ml)
xiii.	Critical Inputs	:	Natural Preservatives (Lemon, Ginger, Bottles)
xiv.	Unit Size	:	5 units
xv.	No of Replications	:	10
xvi.	Unit Cost	:	RS. 1500
xvii.	Total Cost	:	RS. 15000
xviii.	Monitoring Indicator	:	Sensory Analysis(Colour, Flavor, Appearance, Overall Acceptability), Shelf Life
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, specify)	:	Research Article, Indian Journal for Econ Dev.,2015

OFT-5

i.	Season	:	Kharif 2025
ii.	Title of the OFT	:	**Assessment on production straw mushroom from semi-composted substrates. Code-25OHS01(K)**
iii.	Thematic Area	:	Income generation
iv.	Problem diagnosed	:	1. The high price of bundle straw increases the cost of cultivation.
v.	Important Cause	:	Utilization of crumpled paddy straw with enhanced yield of Paddy Straw mushroom
vi.	Production system	:	Homestead
vii.	Micro farming system	:	Green shade net house and under the tree
viii.	Technology for Testing	:	Utilization of bundled paddy straw & crumpled paddy straw for paddy straw mushroom production.
ix.	Existing Practice	:	Cultivation of paddy straw mushroom using bundled paddy straw.
x.	Hypothesis	:	The high price of bundle straw increases the cost of cultivation.
xi.	Objective(s)	:	To assess the production of paddy straw mushroom from semi composted substrates.
xii.	Treatments:		
	Farmers Practice (FP)	:	**Paddy straw mushroom production in Bundle straw.**
	Technology Option-I (TO_1)	:	**Chopped Bundle straw of size 2-3 inches + Wheat bran(6%)+Chicken manure (1.5%) + CaCo3 (2 %)**
	Technology Option-II (TO_2)	:	**Crumpled Straw+ Wheat bran(6 %) + Chicken manure (1.5%) + CaCo3(2%)**
xiii.	Critical Inputs	:	Paddy straw mushroom spawn, wheat bran, CaCO3 powder
xiv.	Unit Size	:	50(10 participants @ 5 beds/ unit)
xv.	No of Replications	:	03
xvi.	Unit Cost	:	Rs 1800/-
xvii.	Total Cost	:	Rs 18000/-
xviii.	Monitoring Indicator	:	Pinhead appearance (days), Average fruit body weight (g), Yield(Kg/bed) Biological efficiency (%) Net Return (Rs.), B:C ratio
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	**Source: AICRP on Mushroom, OUAT 2019**

OFT-6

i.	Season	:	Kharif, 2025
ii.	Title of the OFT	:	**Assessment of humidity management in paddy straw mushroom production.Code-24OHS01(K)**
iii.	Thematic Area	:	Income Generation
iv.	Problem diagnosed	:	Low yield of Paddy straw mushroom
v.	Important Cause	:	Improper moisture management
vi.	Production system	:	Paddy straw mushroom- Oyster mushroom
vii.	Micro farming system	:	Green shade net house
viii.	Technology for Testing	:	Effect of moist sand spreading & effect of fogger with hanging of folding type of gunny bag outside the shade net on production of Paddy straw mushroom.
ix.	Existing Practice	:	Paddy straw mushroom production in Green shade net house or under the tree.
x.	Hypothesis	:	Low yield of Paddy straw mushroom due to low humidity maintenance in existing practice
xi.	Objective(s)	:	To assess the impact of humidity maintenance Paddy straw on mushroom production.
xii.	Treatments:		
	Farmers Practice (FP)	:	PS mushroom production in Green shade net house or under the tree.
	Technology Option-I (TO_1)	:	**TO_1:** Mushroom production by using bundled paddy straw substrate (3 layers) with covering the floor **with 2-inch sand in moist condition and spreading wet gunny bag** along the windows/ walls.
	Technology Option-II (TO_2)		**TO_2:** Mushroom production by using bundled paddy straw substrate (3 layers) with Installation of **Fogger and hanging of folding type of Gunny bag outside the shade net**.
xiii.	Critical Inputs	:	1. Paddy straw mushroom spawn 2. Installation of fogger
xiv.	Unit Size	:	600 (10 participants @ 60 beds)
xv.	No of Replications	:	03
xvi.	Unit Cost	:	Rs 15000/-

xvii.	Total Cost	:	Rs 30000/-
xviii.	Monitoring Indicator	:	Pinhead appearance (days), Average fruit body weight (g), Biological efficiency (%) Net Return (Rs.), B:C ratio
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	**Source: CTMRT, OUAT, 2014**.

OFT-7

i.	Season	:	Kharif, 2025
ii.	Title of the OFT	:	**Assessment of adoption rate and sustainability of directed seeded rice method. Code- 24OEE06 (K)**
iii.	Thematic Area	:	Technology adoption
iv.	Problem diagnosed	:	Uneven seed germination and invariable plant population
v.	Important Cause	:	Timely availability of farm machinery
vi.	Production system	:	Rice-Greengram
vii.	Micro farming system	:	Rainfed low land
viii.	Technology for Testing	:	Assessment of adoption rate and sustainability of directed seeded rice method
ix.	Existing Practice	:	Sowing by broadcasting
x.	Treatments	:	
xi.	Farmers Practice (FP)	:	Practicing manual DSR(Broadcasting)
xii.	Technology Option-I	:	Adoption of Line sowing by drum seeder
xiii.	Technology Option-II	:	Adoption of Mechanized DSR
xiv.	Critical Inputs	:	Adoption study
xv.	Unit Size	:	30 no beneficiaries
xvi.	No of Replications	:	--
xvii.	Unit Cost	:	--
xviii.	Total Cost	:	--
xix.	Monitoring Indicator	:	Rate of adoption, sustainability of the technology, selling of machines, Constraints of the technology (cost, easy to perform, ergonomics, accessibility and availability of machines)
xx.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	--

OFT: 8

i.	Season	:	Kharif & Rabi, 2025-26
ii.	Title of the OFT	:	**Assessment of farmers perception on use of insecticides through different spraying machines. Code- 25OEE03(Y)**
iii.	Thematic Area	:	Perception study
iv.	Problem diagnosed	:	Efficacy of different spraying machines
v.	Important Cause	:	Repeated spraying involves additional cost , labour & drudgery
vi.	Production system	:	Rice-vegetables
vii.	Micro farming system	:	Rainfed medium land
viii.	Technology for Testing	:	Assessment of farmers perception on use of insecticides through different spraying machines
ix.	Existing Practice	:	Spraying through solar operated knapsack sprayer
xii.	Treatments:		
	Farmers Practice (FP)	:	Spraying through solar operated knapsack sprayer
	Technology Option-I	:	Spraying through power sprayer
	Technology Option-II		Spraying through Agri drone
xiv.	Critical Inputs	:	Interview schedule and farmers feedback
xv.	Unit Size	:	30 no beneficiaries
xvi.	No of Replications	:	--
xvii.	Unit Cost	:	--
xviii.	Total Cost	:	--
xix.	Monitoring Indicator	:	Easy availability Cost involved Human labour involved Complexity of the related technology Efficacy of the technology Drudgery involved
xx	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	--

OFT-9

i	Season:	Kharif, 2025
ii	Title of the OFT:	**Assessment of different Eucalyptus clone in Wasteland area of Nayagarh Code-23OAF06(K/R)*New**
iii	Thematic Area:	Production technology
iv	Problem diagnosed:	Lack of knowledge and awareness of the utilization of waste land through silvi trees
v	Important Cause:	Surplus wasteland that are unutilized in the district
vi	Production system:	Production technology
vii	Micro farming system:	Rain-fed upland
viii	Technology for Testing:	Different Eucalyptus clone are to be tested

ix	Existing Practice:	No cultivation practice
x	Hypothesis:	
xi	Objective(s):	To find out the suitable Eucalyptus clone suitable for household and paper mills
xii	Treatments:	
	Farmers Practice (FP):	No cultivation
	Technology option-I (TO_1):	JK EC-2
	Technology option-II (TO_2)	JK EC 4
xiii	Critical Inputs:	Eucalyptus clone
xiv	Unit Size:	0.4ha
xv	No of Replications:	10
xvi	Unit Cost:	6000
xvii	Total Cost:	60,000
xviii	Monitoring Indicator:	Plant height (mt), Diameter (cm), Volume (cubic foot)
xix	Source of Technology (ICAR/ AICRP/ SAU/ Other	**IFGTB, Coimdatore-2014**

OFT-10

i	Season	Rabi, 2025
ii	Title of the OFT	**Assessment of different value-added products of Mahua flower Code- 25OAF01(K/R)**
iii	Thematic Area	Value addition
iv	Problem diagnosed	Lack of knowledge and expertise about mahua Value addition and product diversification
v	Important Cause	Mahua flower available are locally used for preparation of desi liquor and no value addition made
vi	Production system	
vii	Micro farming system	Rain-fed upland
viii	Technology for Testing	Mahua flower is used for preparation of mahua candy and RTS
ix	Existing Practice	No value addition of mahua flower
x	Hypothesis	Preparation of mahua candy and RTS for income generation
xi	Objective(s)	To find out the suitable value addition practices for income generation
xii	Treatments	

	Farmers Practice (FP):	No practice
	Technology option-I (TO_1):	Mahua Candy: Cleaned, dried mahua, stamen removal, steeping in 40% sugar solution for 12 h, straining, boiling the syrup and adding sugar to 50% sugar solution, steeping for 24 h and straining, progressively repeating the step to 70% sugar solution similarly, straining, drying and packaging
	Technology option-II (TO_2)	Mahua RTS: Extraction of pulp from mahua flower and mixed with equal amount of sugar and water. Mahua pulp 12.5 kg (TSS 7%) + sugar solution + 14 kg (TSS 74%) + water 36 kg.
xiii	Critical Inputs:	Mahua flower
xiv	Unit Size:	10
xv	No of Replications:	10
xvi	Unit Cost:	1500
xvii	Total Cost:	15000
xviii	Monitoring Indicator:	Adoptability %, Storing quality, Economics and B:C
xix	Source of Technology (ICAR/ AICRP/ SAU/ Other)	**Annual report AICRP on PHET-2020-21**

OFT-11

i.	Season	:	*Kharif-Rabi 2025-26*
ii.	Title of the OFT	:	**Assessment on Integrated Management of Argulosis in carps-25OFS01(Y)**
iii.	Thematic Area	:	Health Management
iv.	Problem diagnosed	:	Less production
v.	Important Cause	:	Fish mortality due to Argulosis in carp polyculture
vi.	Production system	:	Culture based system
vii.	Micro farming system	:	Pisciculture pond
viii.	Technology for Testing	:	Different Chemicals for control of Argulus in fish
ix.	Existing Practice	:	Application of lime 100kg/ha.
x.	Hypothesis	:	Control of crustacean ectoparasite
xi.	Objective(s)	:	Removal of Argulus from freshwater fish body as well as pond ecosystem
xii.	Treatments:		
	Farmers Practice. (FP)	:	Cypermethrin 10% EC / Deltamethrin 2.8% EC@ 0.01 ppm
	Technology Option-I (TO_1)	:	Ivermectin 2% w/w in fish feed @ 250ppm & fed to the fishes for 4-5 days
	Technology Option-II (TO_2)	:	ICAR-CIFRI- Argcure (TANDAV) @ 40 ml/acre-m/dose in 3 doses in weekly intervals
	Technology Option-III(TO_3)		ICAR-CIFA-(L-Check/M-check)@2.5ml/ha-m in in 3 doses in weekly intervals
xiii.	Critical Inputs	:	Chemicals for control of Anchor worm & carp lice
xiv.	Unit Size	:	1 ac.
xv.	No of Replications	:	10
xvi.	Unit Cost	:	Rs. 1500
xvii.	Total Cost	:	Rs. 15,000
xviii.	Monitoring Indicator	:	Disease incidence (%), Mortality (%), SGR, ABW (Harvest), BC ratio
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	ICAR-CIFA (2018), BENFISH (2018), CIFRI, Barrackpore

OFT-12

i.	Season	:	*Kharif 2025*
ii.	Title of the OFT	:	**Assessment of suitable combination for natural fish farming-24OFS04(K)**
iii.	Thematic Area	:	Natural Aqua Framing
iv.	Problem diagnosed	:	Less production from biofloc unit with IMC
v.	Important Cause	:	Sustainability in Natural Aqua Farming
vi.	Production system	:	Pond based
vii.	Micro farming system	:	
viii.	Technology for Testing	:	Suitable species in Natural Aqua Farming
ix.	Existing Practice	:	Practice with IMC
x.	Hypothesis	:	The selected species were having feeding habit of omnivorous and detritus
xi.	Objective(s)	:	To get maximum production comparison to IMC
xii.	Treatments:		
	Farmers Practice (FP)	:	IMC
	Technology Option-I (TO_1)	:	IMC with Puntius
	Technology Option-II (TO_2)	:	IMC with Mola
	Technology Option-II (TO_3)		IMC with Chela (Bausnaparti)
xiii.	Critical Inputs	:	
xiv.	Unit Size	:	1 ac.
xv.	No of Replications	:	10
xvi.	Unit Cost	:	Rs. 1500
xvii.	Total Cost	:	Rs. 15,000
xviii.	Monitoring Indicator	:	Growth rate (%), Yield (q/ha)
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	

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

Sl. No.	Name of the project	Fund expected (Rs.)
1	ARYA	20,00,000
2	SCSP	25,00,000
3	ASCI	4,00,000
4	AGRI-SPRAY DRONE	17,00,000
5	OFF SEASON FISH SEED PRODUCTION THROUGH GREEN ENERGY	141,00,000
6	PROJECT ON FPOs	4.5 CRORE

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

- Agri-preneurship development though ARYA interventions.
- Entrepreneurs success story (Mushroom/women entrepreneurship)
- Farm promoters for upscaling technology in the field of agriculture extension
- Farm Mechanization in Rice cultivation
- Farm Mechanization in sugarcane cultivation
- Sugarcane jaggery preparation as a cottage industry
- Off season fish seed production

12. Scientific Advisory Committee

Date of SAC meeting held during 2024	Proposed date during 2025
11.11.2024	18.12.2025

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	23	12	20	10	380	55	423	77	500	25	
Water Samples	50	5	5	5	5	20	10	30	20	50	8	
Total		28	17	25	15	400	65	453	97	550	33	

14. Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.) up to 31.03.2025	Expected fund requirement (Rs.)
KVK-R	19,11,000/-	21,00,000/-
KVK-NR		
Total		

* 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