ACTION PLAN
2026-27

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କୃଷି ବିଜ୍ଞାନ କେନ୍ଦ୍ର

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KRISHI VIGYAN KENDRA

BARGARH

ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
Gambharipali, P.O.-Larambha, Dist-Bargarh, Odisha - 768102

ACTION PLAN 2026-27

1. Name of the KVK:BARGARH

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2. Name of host organization : OUAT

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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
IDM	Nursery management in kharif rice	1	1	OFF	20.05.26	3	0	2	0	20	0	25	0	25
IPM	Use of bio-inputs in Agriculture	1	1	OFF	25.05.26	1	1	2	3	13	5	16	9	25
IPM	IPM against sucking pest in okra	1	1	OFF	09.06.26	4	0	3	0	18	0	25	0	25
IDM	Management of Sheath rot disease in kharif rice	1	1	OFF	11.06.26	3	0	2	0	20	0	25	0	25
IPM	Management of sucking pests in kharif pulses	1	1	OFF	29.06.26	4	0	2	0	19	0	25	0	25
IDM	Wilt management in brinjal	1	1	OFF	09.07.26	2	0	2	0	21	0	25	0	25

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	IPM For insect pests of banana	1	1	OFF	11.08.26	5	0	4	0	16	0	25	0	25
IPM	IPM practices against Pod borer complex in kharif Pigeon pea	1	1	OFF	08.09.26	2	2	3	2	12	4	17	8	25
IPM	Preparation of inputs for natural farming	1	1	On	13.10.26	2	3	3	2	13	2	18	7	25
IDM	Integrated pest & disease management in groundnut	1	1	OFF	14.02.27	5		2	2	10	6	17	8	25
SFM	Importance of soil testing and soil sample collection technique	1	1	OFF	19.05.26	3	0	2	0	20	0	25	0	25
SFM	Reduction of chemical fertilizer application through organic management	1	1	OFF	25.05.26	1	1	2	3	13	5	16	9	25
INM	Micronutrient deficiency management in maize	1	1	OFF	01.06.26	4	0	3	0	18	0	25	0	25
INM	Nutrient management practices in Ragi	1	1	OFF	04.06.26	3	0	2	0	20	0	25	0	25
INM	Integrated nutrient management in Paddy	1	1	OFF	08.06.26	4	0	2	0	19	0	25	0	25
INM	Foliar application of nano urea fertilizer in transplanted rice	1	1	OFF	13.07.26	2	0	2	0	21	0	25	0	25
INM	Nutrient management practices in Potato	1	1	OFF	05.08.26	5		4		16		25		25

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
SFM	Effect of lime coating and seed treatment in greengram	1	1	OFF	07.09.26	2	2	3	2	12	4	17	8	25
INM	Use of LCC for management of Nitrogen in paddy	1	1	on	12.10.26	2	3	3	2	13	2	18	7	25
SFM	Vermicompost production in HDPE npolybags	1	1	OFF	05.11.26	5		2	2	10	6	17	8	25
SFM	Method of application of bio-consortia in rapeseed	1	1	Off	07.12.26	0	2	0	2	0	21	0	25	25
SFM	Green manuring in paddy	1	1	Off	05.01.27	0	2	0	4	0	19	0	25	25
Household food security by kitchen gardening and nutrition gardening	Improved crop management practices in nutritional garden	1	1	Off	21.05.26	0	2	0	2	0	21	0	25	25
Value addition	Value added products of Mango	1	1	Off	05.06.26	0	2	0	4	0	19	0	25	25
Income generation activities for empowerment of rural Women	Production techniques & feeding practices of Super napier fodder.	1	1	Off	29.06.26	0	6	0	4	0	15	0	25	25
Value addition	Value added products of fingermillet	1	1	On	20.07.26	0	2	0	4	0	19	0	25	25
Income generation activities for empowerment of rural Women	Preparation of moringa leaf powder	1	1	Off	18.08.26	0	2	0	2	0	21	0	25	25
Women and child care	Early childhood care for farm-women	1	1	Off	22.09.26	0	4	0	3	0	18	0	25	25
Storage loss minimization techniques	Storage techniques of pulses	1	1	Off	27.10.26	0	4	0	4	0	17	0	25	25

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
Income generation activities for empowerment of rural Women	Improved methods of raising vegetable seedlings in nursery	1	1	Off	19.11.26	0	2	0	2	0	21	0	25	25
Income generation activities for empowerment of rural Women	Supplementary feed with azolla for cows	1	1	Off	18.12.26	0	2	0	3	0	20	0	25	25
Value addition	Processing & packaging of jackfruit	1	1	Off	26.02.27	0	3	0	2	0	20	0	25	25
Farm mechanization	Mechanised Direct seeded rice cultivation	1	1	OFF	25.05.26	4	0	3	0	18	0	25	0	25
Farm mechanization	Operation of different bullock drawn farm implement	1	1	OFF	28.05.26	3	0	2	0	20	0	25	0	25
Farm mechanization	Use & maintenance of paddy transplanter	1	1	OFF	04.06.26	4		2		19		25	0	25
Farm mechanization	Different tractor drawn machineries function &importance	1	1	OFF	17.06.26	2	0	2	0	21	0	25	0	25
Farm mechanization	Methods of nursery preparation for paddy transplanting	1	1	OFF	22.06.26	5		4		16		25	0	25
soil water conservation	Use of mulching for weed and water management in horticultural crop	1	1	OFF	17.10.2026	2	2	3	2	12	4	25	0	25
Farm mechanization	Different tractor drawn machinery, its	1	1	off	22.06.2026	5		2	2	10	6	25	0	25

Thematic area	Title of Training	No.	Dur Ation	Venue On/ Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
	function and maintenance													
Micro-irrigation	Micro irrigation system its working and maintainance	1	1	off	08.08.2026	2	0	2	0	21	0	25	0	25
Farm mechanization	Use of paddy drum seeder for pre germinated paddy	1	1	off	12.12.2026	2	1	2	2	12	6	25	0	25
soil water conservation	Different soil moisture conservation techniques	1	1	Off	20.11.2026	4	0	3	0	18	0	25	0	25
Farm mechanization	Use of pulse mill for milling of pulses	1	1	off	5.02.2027	3	0	2	0	20	0	25	0	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
Integrated farming system	Integrated farming system for more income	1	5	Off	12.11.26 - 13.11.26	2	0	1	0	7	0	10	0	10
Organic input Production	Use and production of Organic input in Organic Crop Production	1	2	On	22.09.26 - 23.09.26	1	1	1	1	6	5	8	7	15
SFM	Vermicompost production technology	1	2	ON	06.07.26 - 07.07.26	2	0	1	0	17	0	20	0	20
INM	Soil test based fertilizer recommendation	1	2	On	10.08.26 - 11.08.26	1	1	1	1	11	5	13	7	20
seed production	Integrated crop management in Fingermillet seed production	1	2	On	18.08.26 - 19.08.26	1	1	1	1	6	5	8	7	15
Organic input Production	Self employment through organic Production	1	5	ON	14.12.26 - 18.12.26	2	0	3	0	8	2	13	2	15
Bee keeping	Commercial Bee keeping	1	2	OFF	Nov	2	0	3	0	10	0	15	0	15
Poultry production	Rearing management of improved poultry	1	2	On	21.07.26	0	2	0	1	0	12	0	15	15

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
Mushroom production	Entrepreneurship Development through mushroom farming	1	5	On	21.09.26 - 25.09.26	0	3	0	4	0	8	0	15	15
Entreprise Development	Scientific floriculture practices for quality flower production	1	2	On	28.10.26 - 29.10.26	2	0	3	0	10	0	15	0	15
Value addition	Value addition of fruits & vegetables	1	2	On	26.11.26 - 27.11.26	2	0	3	0	10	0	15	0	15
Mushroom production	Self- employment through Oyster mushroom Production	1	2	On	07.01.27 - 08.01.27	0	2	0	2	0	11	0	15	15
Repair and maintenance of farm machinery and implements	Operation and maintenance of power tiller for puddling	1	2	On	20.08.2026- 21.08.2026	1	1	1	1	6	5	8	7	15
Repair and maintenance of farm machinery and implements	Operation and maintenance of tractor drawn seed cum fertilizer drill for direct sowing of different crops	1	2	ON	22.10.2026- 23.10.2026	2	0	3	0	8	2	13	2	15
Repair and maintenance of farm machinery and implements	Operation and maintenance of tractor	1	5	OFF	5th Nov to 9th Nov 2026	2	0	3	0	10	0	15	0	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
Integrated Pest Management	New molecules of pesticide and their method of use for management of BPH	1	1	Off	12.01.27	2	1	3	1	4	4	9	6	15

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
SFM	Biofertilizer application for soil improving the physical, chemical & biological properties of the soil	1	1	ON	03.12.26	2	1	3	1	4	4	9	6	15
Renewable energy	Use of renewable energy in agriculture	1	1	On	18.01.26	1	1	1	1	10	1	12	3	15
Low cost and nutrient efficient diet designing	Formulation of low cost nutrient rich weaning food.	1	15	off	20.08.26	0	1	0	1	0	13	0	15	15
Low cost and nutrient efficient diet designing	Formulation of low cost diet for anaemic people	1	15	off	19.02.27	0	1	0	1	0	13	0	15	15
IPM	Integrated pest management in mustard	1	2	ON	10.11.26 11.11.26	2	-	3	-	10	-	15	-	15

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													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													

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
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
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													

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													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management	6	18	10	28	24	10	34	85	3	88	127	23	150
Soil and Water Conservation													
Integrated Nutrient Management	6	15	10	25	15	10	25	80	20	100	110	40	150
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	12	33	20	53	39	20	59	165	23	188	237	63	300
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	1	0	2	2	0	2	2	0	23	23	0	25	25
Design and development of low/minimum cost diet													

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
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	0	4	4	0	3	3	0	18	18	0	25	25
Enterprise development	1	0	2	2	0	2	2	0	19	19	0	25	25
Value addition	3	0	9	9	0	12	12	0	54	54	0	75	75
Income generation activities for empowerment of rural Women	4	0	13	13	0	10	10	0	77	77	0	100	100
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care	1	0	4	4	0	3	3	0	18	18	0	25	25
Others, if any													
TOTAL	10	**0**	32	32	0	30	30	0	188	188	0	250	250
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	1	2	0	2	2	0	2	21	0	21	25	0	25
Use of Plastics in farming practices													
Production of small tools and implements	1	3	0	3	2	0	2	20	0	20	25	0	25
Repair and maintenance of farm machinery and implements	7	25	1	26	17	4	21	116	12	128	158	17	175
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
TOTAL	**9**	**30**	**1**	**31**	**21**	**4**	**25**	**157**	**12**	**169**	**208**	**17**	**225**
VII. Plant Protection													
Integrated Pest Management	6	13	3	16	16	5	21	98	9	107	133	17	150
Integrated Disease Management	3	10	0	10	6	2	8	51	6	57	67	8	75
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides	**1**	**2**	**3**	**5**	**3**	**2**	**5**	**13**	**2**	**15**	**18**	**7**	**25**
Others, if any													
TOTAL	**10**	**25**	**6**	**31**	**25**	**9**	**34**	**162**	**17**	**179**	**218**	**32**	**250**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													

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
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and 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													

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
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL													

Rural youth

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	2	0	7	7	0	4	4	0	18	18	0	30	30
Bee-keeping	1	2	0	2	3	0	3	10	0	10	15	0	15
Integrated farming	1	2	0	2	1	0	1	7	0	7	10	0	10
Seed production	1	1	1	2	1	1	2	6	5	11	8	7	15
Production of organic inputs	2	3	1	4	3	2	5	14	7	21	20	10	30
Planting material production	1	2	0	2	3	0	3	10	0	10	15	0	15
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements	3	5	1	6	7	1	8	24	7	31	36	9	45
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	1	0	3	3	0	2	2	0	10	10	0	15	15
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production	1	0	2	2	0	1	1	0	12	12	0	15	15
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													

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
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development	1	0	2	2	0	1	1	0	12	12	0	15	15
Others if any (Soil fertilioty managememt)	2	5	5	10	5	5	10	25	5	30	35	15	40
TOTAL	16	20	22	42	23	17	40	96	76	172	139	116	245

Extension functionaries

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management	2	2	1	3	2	2	4	18	5	23	22	8	30
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements	1	1	1	2	1	1	2	10	1	11	12	3	15
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	2	0	5	5	0	4	4	0	21	21	0	30	30
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others (SFM)	1	5	2	7	1	2	3	4	11	15	10	5	15
TOTAL	6	8	9	17	4	9	13	32	38	70	44	46	90

1. Frontline demonstration to be conducted*

Crop	Brinjal
Thrust Area	Low yield from Brinjal due to wilt infestation
Thematic Area	IPM
Season	Kharif
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
3	Brinjal	1	**Demonstration on management of wilt complex in Brinjal using Jivamrit and Bijamrit** Application of prepared Bijamrit for seed treatment @ 30 ml/kg seed, dry the mixture under shade before 24 hours of sowing followed by application of 500 lit of Jivamrit/ha with irrigation water at an interval of 15-20 days on standing crop @ 5-6 times	Disease index, wilt %, Bijamrit, jivamrit Yield , B:C				0	2	0	2	0	8	0	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	IDM in Brinjal	1	F &FW	1day	Off	3	-	3	-	19	-	25	-	25
Field day	Wilt management in Brinjal	1	F &FW	1day	Off	3	2	2	2	35	6	40	10	50

FLD-2

Crop	Groundnut
Thrust Area	Low yield due to infestation by tobacco caterpillar
Thematic Area	IPM
Season	Kharif
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	Groundnut	1	**Demonstration on IPM strategies against tobacco caterpillar in Groundnut** Installation of for monitoring @ 5 nos./ha + Fixation of bird perches for avian predation + sunflower as barrier trap crop + placement of poison baits (10kg rice bran + 1kg jaggery + 250 ml Lambda cyahalothrin) at 30DAS + Foliar application of Indoxacarb + Novaluron @ 625ml/ ha in the evening hours at 45DAS	No. of larve/plant Yield , B:C	Pheromone trap, rice bran ,jaggery , lambda cyahalothrin, Indoxacrab			1		1		8		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	IPM in Groundnut	1	F &FW	1day	off	2	1	2	1	17	2	21	4	25
Field day	Management of tobacco caterpillar in groundnutin Groundnut	1	F &FW	1day	off	3	2	2	2	35	6	40	10	50

FLD-3

Crop	Tomato
Thrust Area	Low yield from tomato due to disease incidence
Thematic Area	IDM
Season	Rabi
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	Tomato	1	**Demonstration of IDM Practices against Early Blight Disease in tomato** Three foliar spraying with (Metiram 55 % + Pyraclostrobin 5 %) WG @ 3g/l of water at 15 days interval starting from initiation of the disease	**Disease index,** Yield, B:C				2	0	3	0	5	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	IDM in Tomato	1	F &FW	1day	off	2	0	2	0	21	0	25	0	25
Field day	Management of Early blight disease in tomato	1	F &FW	1day	off	7	0	6	0	37	0	50	0	50

FLD- 4

Crop	**Mustard**
Thrust Area	Low yield due to infestation by tobacco caterpillar
Thematic Area	IPM
Season	Rabi
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	Mustard	1	**Demonstration of Integrated Pest Management practices of Tobacco Caterpillar(*Spodoptera litura)* in Mustard** Pheromone Trap for monitoring @5/ha +Bird perches for avian predation + Poison bait (10 Kg Rice bran+1 Kg Jaggery+250 ml Lambda Cyhalothrin)+Need based foliar application of (Indoxacarb+Novaluran)@750 ml/ha in the evening hour	**Disease index,** Yield , B:C				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
Training	IPM in Mustard	1	F &FW	1day	off	4	2	3	1	10	5	17	8	25
Field day	Management of tobacco caterpillar in Mustard	1	F &FW	1day	off	5	2	3	1	37	2	45	5	50

FLD-5

2. Crop	Maize
Thrust Area	Poor crop yield due to no micronutrient application
Thematic Area	INM
Season	Kharif
Farming Situation	Irrigated upland

Sl. No.	Crop & variety / Enterpr FLd-5ises	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	**Demonstration on Boron & Zinc management in Maize** STBF + Boron @ 0.5 kg/ha and Zinc @ 2.5 kg/ha	**Cob length, cob diameter, plant height, soil fertility status, yield & economics**				0	2	0	2	0	8	0	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	**Demonstration on Boron & Zinc management in Maize**	1	F &FW	1day	off	3	-	3	-	19	-	25	-	25
Field day	**Demonstration on Boron & Zinc management in Maize**	1	F &FW	1day	off	3	2	2	2	35	6	40	10	50

FLD- 6

Crop	Rice
Thrust Area	Low yield due to only application of chemical fertilizers only
Thematic Area	INM
Season	Kharif
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	Rice	2	**Demonstration on Integrated nutrient management in rice** STBF + Consortia biofertilizers @ 12 kg/ha	Effective tillers/hill, grains/panicle, test weight, yield & economics				1		1		8		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	**Demonstration on Integrated nutrient management in rice**	1	F &FW	1day	off	2	1	2	1	17	2	21	4	25
Field day	**Demonstration on Integrated nutrient management in rice**	1	F &FW	1day	off	3	2	2	2	35	6	40	10	50

FLD-7

Crop	Potato
Thrust Area	Low yield due to no micronutrient application
Thematic Area	INM
Season	Rabi
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	Potato	1	**Demonstration on INM in potato** Application of FYM – 20 t/ha + 100 % NPK (STBF) + Foliar application of Boron (0.1 %) at 40, 50, 60 days interval after planning of potato	Yield, economics & B:C				2	0	3	0	5	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	**Demonstration on INM in potato**	1	F &FW	1day	off	2	0	2	0	21	0	25	0	25
Field day	**Demonstration on INM in potato**	1	F &FW	1day	off	7	0	6	0	37	0	50	0	50

FLD-8

Crop	**Rapeseed**
Thrust Area	Low yield due to application of chemical fertilizers only
Thematic Area	INM
Season	Rabi
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	Rapeseed	1	**Demonstration on application of bio-consortia on rapeseed** Application of bioconsortia (Azotobactor, Azospirillium & PSB) @ 4 kg/ha with 50-25-25 kg NPK/ha	Yield, economics & yield				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
Training	**Demonstration on application of bio-consortia on rapeseed**	1	F &FW	1day	off	4	2	3	1	10	5	17	8	25
Field day	**Demonstration on application of bio-consortia on rapeseed**	1	F &FW	1day	off	5	2	3	1	37	2	45	5	50

FLD-9

Crop/Enerprise	Poultry
Thrust Area	Less return from poultry due to rearing of native non-descriptive breeds.
Thematic Area	IGA
Season	Round the year
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
	Poultry	10	**Demonstration on low input technology Poultry Farming (Breed Vezaguda) in backyard-**Rearing of vezaguda poultry breed with proper brooding management for 21 days followed by free range feeding.	Live body wt. (kg/6 months), Eggs (no./annum) B:C	chicks			-	2	-	2	-	6	6	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	Rearing management of improved poultry breed	1	25	1day	off	0	10	0	10	6	3	13	12	25
Field day	Vaccination of poultry	1	F &FW	1day	off	5	3	8	2	12	25	20	25	50

FLD-10

Crop	Moringa
Thrust Area	Distress sale at peak season & Introduction of new product for SHG s/FPOs
Thematic Area	Value addition
Season	Kharif
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	
	Moringa	1	**Demonstration on the preparation of Moringa leaf powder** Moringa leaves should be separated from the stems after harvesting, Washed & dried in shade (Sunlight can degrade vit-A). The dried leaves are made into dried powder which can be stored in an air tight container	Shelf life (Days), sensory evaluation (9-point hedonic scale), Gross cost of intervention (Rs.), Net Profit (Rs.), B:C	Moringa Leaves, Plastic jar			0	2	0	1	0	7	0	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	Value addition of Moringa	1	F &FW	1day	off	0	2	0	2	0	21	0	25	25
Field day	Preparation of moringa leaves powder	1	F &FW	1day	off	4	5	4	5	4	28	12	38	50

FLD-11

Crop/ Enerprise	Papaya
Thrust Area	Poor price realization from sale of raw papaya
Thematic Area	IGA
Season	Rabi
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
	Papaya	10	**Demonstration on value addition of papaya (Tutti-frutti)** Cut the papaya into small pieces. Soak in 2 % brine containing 1 % calcium chloride for 30 minutes. Drain, wash the papaya pieces add equal quantities of sugar& boil for 5 minutes. Let soak at room temp. for 4 hours, and mix the required essence., coloring & citric acid. Add more sugar to the above mixture & boil up to a sugar conc. Of 70° brix. Drain the candied papaya pieces, spread on a trey& shade & dry. Packing in polythene bags, seal & store.	Shelf life (Days), sensory evaluation (9-point hedonic scale), Conversion ratio, Nutritional value, Gross cost of intervention (Rs. /Kg.), Net Profit (Rs. /Kg.), B:C	Papaya, sugar, essence, Food colors, citric acid			0	2	0	1	0	7	0	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	Value addition of papaya	1	F &FW	1day	Off	0	2	0	4	0	19	0	25	25
Field day	Preparation of Tutti-frutti	1	F &FW	1day	Off	3	4	3	5	4	21	20	30	50

FLD- 12

Crop	Jackfruit
Thrust Area	Poor price realization from sale of whole tender jackfruit
Thematic Area	IGA
Season	Rabi
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
	Jackfruit	10	**Demonstration on 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 punnet pack or PP pouch with 0.0675% perforation and refrigerated storage at 10^0 C	Shelf life (days), Sensory evaluation, B:C	Jackfruit, citric acid, ascorbic acid, PP pouch			0	3	0	1	0	6	0	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	Value added products of jackfruit	1	F &FW	1day	Off	0	3	0	5	0	17	0	25	25
Field day	Processing & Packaging of jackfruit	1	F &FW	1day	Off	0	7	0	4	0	39	0	50	50

FLD- 13

Crop	**Multi-crop seed cum fertilizer drill**
Thrust Area	Less return due to more cost of cultivation
Thematic Area	Farm mechanization
Season	Rabi 2026
Farming Situation	Irrigated medium land

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
Multi-crop seed cum fertilizer drill	1	**Demonstration of Tractor operated multi-crop seed cum fertilizer drill for sowing of mustard** Tractor drawn Seed cum Fertilizer drill - Field capacity – 0.4ha/h, sowing of seeds in 9 row with the help of tractor operated Seed cum Fertilizer drill with vertical rotor feed mechanism and shovel type Furrow opener	Working capacity (ha/hr), Yield (Q/ha), B:C	-	-	-	2	0	3	0	5	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	Importance of Multi-crop seed cum fertilizer drill	1	F &FW	1day	off	2	1	2	1	17	2	21	4	25
Field day	Operation of Multi-crop seed cum fertilizer drill	1	F &FW	1day	off	3	2	2	2	35	6	40	10	50

FLD- 14

Crop	**Demonstration of drip irrigation with mulching in Brinjal**
Thrust Area	Less return due to more cost of threshing
Thematic Area	Soil water conservation
Season	Rabi
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
	drip irrigation with mulching in Brinjal	1	**Demonstration of drip irrigation with mulching in Brinjal** Use of 50 micron mulch film with inline drip irrigation with 2 lph discharge	Yield (q/ha), Moisture content (%), Growth parameters, Plt ht (cm), no of fruits/plt (nos.), wt. of fruits/plt(kg)	-	-	-	2	0	3	0	5	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	Micro irrigation System for vegetable cultivation	1	F &FW	1day	off	3	-	3	-	19	-	25	-	25
Field day	Micro irrigation System for vegetable cultivation	1	F &FW	1day	off	3	2	2	2	35	6	40	10	50

FLD-15

Crop	**Demonstration of Agricultural Drone Sprayer for control of Stem borer in Paddy**
Thrust Area	More time & labour required for Spraying
Thematic Area	Farm mechanization
Season	Kharif 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
	Demonstration of Agricultural Drone Sprayer for control of Stem borer in Paddy	1	**Demonstration of Agricultural Drone Sprayer for control of Stem borer in Paddy** Cost of operation and labour requirements were found to be reduced by 52% and 90% respectively. The UAV has a Field capacity – 1.2 ha/h where it is 0.08 ha/h in BOK sprayer. Application rate of chemicals is 25 l/ha with Drone spraying as compared to 180 l/ha in traditional sprayer	Field capacity (ha/hr), time saving (hr/ha) , cost saving (Rs/ha), Yield (Q/ha)	-	-	-	3	2	1	2	1	1	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	Different types of Sprayers	1	F &FW	1day	off	5	2	2	1	10	5	17	8	25
Field day	Demonstration of Agricultural Drone Sprayer for control of Stem borer in Paddy	1	F &FW	1day	off	3	2	2	2	35	6	40	10	50

FLD-16

Crop	**Demonstration of in-situ soil moisture conservation method in tomato raddish sequence**
Thrust Area	less income/unit area and intensie weed problem
Thematic Area	Soil water conservation
Season	Rabi 2026
Farming Situation	Irrigted 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
	Demonstration of in-situ soil moisture conservation method in tomato raddish sequence	1	The Ridge furrow system with mulching helps to conserve water when there was lower rainfall by holding water in ridges and when there was higher rainfall, this helps to drain the excess water	Yield (q/ha), water saving (%), weed control (%)	-	-	-	3	2	1	2	1	1	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	Use of organic Mulch in vegetables	1	F & FW	1day	off							15	10	25
Field day	Demonstration of in-situ soil moisture conservation method in tomato raddish sequence	1	F & FW	1day	off	6	2	2	2	8	30	16	34	50

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

Name of the Crop / Enterprise	Variety / Type	Period From ..... To …..	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (quintals)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Paddy (kharif)	Pratikshya	25.06.2026 to5.11.2026	4 ha	FS	170	300000	697000	397000
	Hasanta	25.06.2026 to12.11.2026	2 ha	FS	80	155000	328000	173000
Paddy (Rabi)	Bina Dhan-11	20.12.2026 to 15.04.2027	2 ha	FS	80	140000	328000	188000
Tomato	ArkaRakshak	30.06.2026 -31.3.2027	-	Seedlings	5000	5000	12500	7500
	Arka Samrat	30.06.2026 -31.3.2027	-	Seedlings	5000	5000	12500	7500
Brinjal	ArkaHarsita	30.06.2026 -31.3.2027	-	Seedlings	3000	2000	4500	2500
Chilli	ArkaHarita	30.06.2026 -31.3.2027	-	Seedlings	3000	3000	7500	4500
Papaya	Arka Prabhat	30.06.2026 -31.3.2027	-	Seedlings	500	5000	12500	7500
Cauliflower	Julee	30.06.2026 -31.3.2027	-	Seedlings	1000	1000	2500	1500
Vermicompost	*E.Foetida*	30.06.2026 -31.3.2027	-	Vermi compost	50 q	25000	75000	50000
Mushroom Spawn	*V.volvacea & P. sajorcaju*	30.06.2026 -31.3.2027	-	Spawn	1000	6500	16000	9500

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.)
Arhar	LRG-52	July to December 2023	10	5	Certified	50	390000	480000	90000
Greengram	Virat	November to March 2023-2024	20	10	Foundation	60	500000	650000	150000

6.Extension Activities

Sl. No.	Activities/ Sub-activities	No. of activities proposed	Farmers				Extension Officials			Total		
			M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
1.	Field Day	16	450	200	650	33	12	3	15	462	203	665
2.	KisanMela	1	62	27	89	31	8	3	11	70	30	100
3.	KisanGhosthi	2	28	0	28	29	1	1	2	29	1	30
4.	Exhibition	3	935	345	1280	32	12	8	20	947	353	1300
5.	Film Show	24	325	125	450	39	20	10	30	345	135	480
6.	Method Demonstrations	20	375	125	500	28	14	6	20	389	131	520
7.	Farmers Seminar	2	30	20	50	35	2	1	3	32	21	53
8.	Workshop	1	35	15	50	38	1	1	2	36	16	52
9.	Group meetings	15	150	75	225	36	12	6	18	162	81	243
10.	Lectures delivered as resource persons	25	475	125	600	37	18	7	25	493	132	625
11.	Advisory Services	48										80000
12.	Scientific visit to farmers field	220	800	300	1100	34	45	15	60	845	315	1160
13.	Farmers visit to KVK	500	375	125	500	39	35	15	50	410	140	550

Sl. No.	Activities/ Sub-activities	No. of activ e ities prop osed	Farmers				Extension Officials			Total		
			M	F	T	SC/ ST (% of total)	Mal e	Fe m ale	Tota l	Mal e	Fem ale	Total
14.	Diagnostic visits	25	60	15	75	41	18	7	25	78	22	100
15.	Exposure visits	1	30	10	40	22	3	1	4	33	11	44
16.	Ex-trainees Sammelan	1	18	7	25	33	2	1	3	20	8	28
17.	Soil health Camp	1	42	8	50	38	2	2	4	44	10	54
18.	Animal Health Camp	1	38	12	50	44	2	4	6	40	16	56
19.	Agri mobile clinic											
20.	Soil test campaigns	2	85	15	100	36	4	2	6	89	17	106
21.	Farm Science Club Conveners meet	16	230	0	230	39	7	3	10	237	3	240
22.	Self Help Group Conveners meetings	12	0	180	18	30	2	8	10	2	188	190
23.	MahilaMandals Conveners meetings	2	0	30	30	36	2	3	5	2	33	35
24.	Celebration of important days (specify)	6	175	125	300	32	8	4	12	183	129	312
25.	Sankalp Se Siddhi											
26.	Swatchta Hi Sewa	15	425	125	550	39	12	8	20	437	133	470
27.	Mahila Kisan Diwas	1	0	50	50	36	1	1	2	1	51	52
28.	Any Other (Specify)											
	Total	960	5143	2059	7040	837	243	120	363	5386	2179	87465

7. Revolving Fund (in Rs.)

Opening balance of	Amount proposed to be invested during	Expected Return
1,98,915.65	7,50,000	11,00,00

8. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)	Proposed purpose of utilization (in brief)

9. On-farm trials to be conducted*

OFT- 1

Season	**:**	Kharif,2026
Title of the OFT	**:**	**Assessment of integrated management of sucking pest in okra**
Thematic Area	:	Integrated pest management
Problem diagnosed	**:**	Poor yield of Okra due to sucking pest
Important cause		Lack of preventive measures for pest management
Production system	:	**Vegetable-vegetable**
Micro farming system	**:**	Irrigated upland
Technology for Testing	:	To assess the different chemicals for controlling of sucking pest in okra
Existing Practice	**:**	Spraying of Imidachloprid 1.8SL@0.5ml/lit twice at 45&60 DAS
Hypothesis		Seed Treatment with Imidacloprid, Installation of Yellow Sticky Trap and alternate spraying of Tolfenpyrad and Azadiractin at 10 -15 days interval starting from 30DAS may control the sucking pest in okra.
Objective (s)	**:**	To reduce the incidence of sucking pest in okra
Treatments		
Farmers Practice (FP)	**:**	Spraying of Imidachloprid 1.8SL@0.5ml/lit twice at 45&60 DAS
Technology option-I (TO-I)	**:**	Seed Treatment with Imidacloprid 600 FS @ 5 ml/ Kg of seed, Installation of Yellow Sticky Trap @ 50 / ha and spraying Afidopyropen50 G/L DC @1000ml/ha and Azadiractin300ppm@2.5l/ha at 10 -15 days interval starting from 30DAS
Technology option-II (TO-II)	**:**	Seed Treatment with Imidacloprid 600 FS @ 5 ml/ Kg of seed, Installation of Yellow Sticky Trap @ 50 / ha and alternate spraying of Tolfenpyrad 15% EC @1000ml/ha and Azadiractin300ppm@2.5l/ha at 10 -15 days interval starting from 30DAS.
Critical Inputs	**:**	Imidacloprid ,Yellow Sticky Trap Tolfenpyrad 15% EC , Azadiractin, Afidopyropen
Unit Size	**:**	1 ha.
No of Replications	**:**	7
Unit Cost	**:**	2000
Total Cost	**:**	14000
Monitoring Indicator	**:**	Disease index , yield (Q/ha.), B:C
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	**:**	AAU,Anand ,2022 & RVSKVV,Gwalior,2021

OFT- 2

Season	**:**	Rabi,2026-27
Title of the OFT	**:**	**Assessment of management practices against fruit fly in Bitter gourd**
Thematic Area	:	Integrated pest management
Problem diagnosed	**:**	Low yield from bittergourd due to fruit fly infestation.
Important cause		Less use of Biopesticides for pest management
Production system	:	Veg-veg
Micro farming system	**:**	Irrigated medium land
Technology for Testing	:	Placement of Food bait @ 20 nos./ha (mixture of 1kg cucumber pulp + 50g jaggery, 100 ml cow urine, 0.5L of water soaked overnight & diluted to 05L + 10 ml Malathion) at 20 DAS, installation of Cuelure @ 25 nos. /ha and spraying of Spinosad 45% SC @ 200 ml/ha twice at 45 & 60 DAS for management of fruit fly in bittergourd
Existing Practice	**:**	Spraying of Chlorocyper @2ml/lit twice at 45&60 DAS
Hypothesis		Placement of Food bait @ 20 nos./ha (mixture of 1kg cucumber pulp + 50g jaggery, 100 ml cow urine, 0.5L of water soaked overnight & diluted to 05L + 10 ml Malathion) at 20 DAS, installation of Cuelure @ 25 nos. /ha and spraying of Spinosad 45% SC @ 200 ml/ha twice at 45 & 60 DAS may reduce the incidence of fruitfly in bittergourd
Objective (s)	**:**	To reduce the incidence of fruit fly infestation in bittergourd
Treatments		
Farmers Practice (FP)	**:**	Spraying of Chlorocyper @2ml/lit twice at 45&60 DAS
Technology option-I (TO-I)	**:**	Soil application of Chlorpyriphos 1.5% dust @ 25kg/ha at 30 DAS, application of poison baits (Jaggery 100gm + Cartap hydrochloride 2g + water 1.0L) at 30 DAS, Cuelure @ 20 nos. /ha. at 30 DAS, Periodical removal of damaged fruits
Technology option-II (TO-II)	**:**	Placement of Food bait @ 20 nos./ha (mixture of 1kg cucumber pulp + 50g jaggery, 100 ml cow urine, 0.5L of water soaked overnight & diluted to 05L + 10 ml Malathion) at 20 DAS, installation of Cuelure @ 25 nos. /ha and spraying of Spinosad 45% SC @ 200 ml/ha twice at 45 & 60 DAS
Critical Inputs	**:**	cucumber ,jaggery, cow urine Malathion, Cuelure, Spinosad, chloropriphos
Unit Size	**:**	1 ha.
No of Replications	**:**	7
Unit Cost	**:**	2000
Total Cost	**:**	14000
Monitoring Indicator	**:**	% of infested plants, yield (Q/ha.), B:C
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	**:**	RRTTS, Ranital, OUAT, 2019 & RRTTS, BBSR, OUAT, 2022-23

OFT-3

Season	**:**	Kharif,2026
Title of the OFT	**:**	**Assessment of standardization of NPK dose in medium land rice (250SS1K)**
Thematic Area	:	Integrated nutrient management
Problem diagnosed	**:**	Low yield due to inadequate supply of nutrients to crop
Important cause		Poor knowledge regarding adequate dose of fertilizer in paddy
Production system	:	**Rice-Rice**
Micro farming system	**:**	Irrigated medium land
Technology for Testing	:	To assess the standard NPK dose in paddy
Existing Practice	**:**	NPK @ 80 : 40 : 40 kg/ha + 5 t FYM/ha
Hypothesis		Application of 100:50:50 NPK kg/ha with FYM @ 5 t/ha increases the yield & economics of the crop
Objective (s)	**:**	To standardize the dose of NPK in paddy
Treatments		
Farmers Practice (FP)	**:**	NPK @ 80:40:40 kg/ha + 5 t FYM/ha
Technology option-I (TO-I)	**:**	NPK @ 80 : 40 60 kg/ha + 5 t FYM/ha
Technology option-II (TO-II)	**:**	NPK @ 100 : 50 : 50 kg/ha + 5 t FYM/ha
Critical Inputs	**:**	Urea, DAP & MOP
Unit Size	**:**	1 ha.
No of Replications	**:**	7
Unit Cost	**:**	
Total Cost	**:**	
Monitoring Indicator	**:**	yield (Q/ha.), B:C and economics
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	**:**	OUAT, 2029-20 (LTFE) RRTTS, Bhubaneswar 2024

OFT- 4

Season	**:**	Rabi,2026-27
Title of the OFT	**:**	**Refinement of application of liming material on green gram under acid soil (240SS08R)**
Thematic Area	:	Integrated nutrient management
Problem diagnosed	**:**	Low yield due to high soil acidity
Important cause		Huge application of urea fertilizer
Production system	:	Rice-Greengram
Micro farming system	**:**	Irrigated medium land
Technology for Testing	:	Application of liming materials in different methods
Existing Practice	**:**	Application of chemical fertilizer only (NPK 10:30:0 kg/ha) + Rhizobium inoculation @ 1.25 kg/25 kg seed
Hypothesis		Application of liming material @ 0.2 LR increases the crop yield with reduce the soil acidity
Objective (s)	**:**	To reduce the acidity of the soil
Treatments		
Farmers Practice (FP)	**:**	Application of chemical fertilizer only (NPK 10:30:0 kg/ha) + Rhizobium inoculation @ 1.25 kg/25 kg seed
Technology option-I (TO-I)	**:**	FP + Soil application of lime @ 0.2 LR
Technology option-II (TO-II)	**:**	FP + seed treatment with lime @ 4 kg/25 kg seed
Critical Inputs	**:**	Dolomite
Unit Size	**:**	1 ha.
No of Replications	**:**	7
Unit Cost	**:**	
Total Cost	**:**	
Monitoring Indicator	**:**	yield (Q/ha.), B:C & economics
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	**:**	OUAT, 2016 OUAT,2018

OFT- 5

Season	**:**	Kharif, 2026
Title of the OFT	**:**	**Assessment on value added products of millets (Millet Bar) for income generation**
Thematic Area	:	Value Addition
Problem diagnosed	**:**	Less income from millets
Important cause		Less income from millets due to poor knowledge & skill on value added products
Production system	:	Paddy-Fingermillet
Micro farming system	**:**	Homestead
Technology for Testing	:	Overall acceptability & Shelf-life of Millet bar & carotene -enriched millet bar
Existing Practice	**:**	Selling of finger millet ladoo in the market
Hypothesis		Overall acceptability & Shelf-life of Millet bar & carotene -enriched millet bar are better than fingermillet ladoo due to mango flavour for acceptability & less exposure of surface area of bigger size particles of millets grits than powder form of millets.
Objective (s)	**:**	To enhance the income through multi millet bar
Treatments		
Farmers Practice (FP)	**:**	Selling of fingermillet ladoo in the market
Technology option-I (TO-I)	**:**	**Millet bar-** Preparation of Millet bar from roasted finger millet-20g, roasted pearl millet -20g, puffed sorghum-30g, roasted bengalgram-20g, roasted groundnut- 10g with jaggery -40g.
Technology option-II (TO-II)	**:**	**Carotene enriched millet bar -**Preparation of Millet bar from roasted finger millet- 20g, roasted pearl millet -20g, puffed sorghum-30g, roasted bengalgram-20g, roasted groundnut- 10g with jaggery -40g and β carotene enriched mango-40g
Critical Inputs	**:**	Finger millet, pearl millet , sorghum, bengalgram, groundnut, jaggery,mango
Unit Size	**:**	2kg.
No of Replications	**:**	7
Unit Cost	**:**	500
Total Cost	**:**	3500
Monitoring Indicator	**:**	Shelf life(Days), Conversion ratio, sensory evaluation (9- point hedonic scale), Nutritional value, Gross cost of intervention (Rs./kg.), Net Profit (Rs./kg.) , B:C
Source of Technology	**:**	Community Sc. and research Institute, TNAU 2018-19

OFT-6

Season	**:**	Rabi,2026-27
Title of the OFT	**:**	**Assessment of value-added products from banana for enhancing income of SHGs**
Thematic Area	:	Value addition
Problem diagnosed	**:**	Low return from ripe banana due to poor shelf-life & storability by utilizing ripening hormone like ethylene at market
Important cause		Poor knowledge on value addition of banana
Production system	:	Orchard
Micro farming system	**:**	Homestead
Technology for Testing	:	Overall acceptability & Shelf-life of Banana fruit bar & Banana biscuit
Existing Practice	**:**	Direct selling of banana at ripening stage at minimal price
Hypothesis		Shelf-life of ripe banana may be enhanced through Banana fruit bar & Banana biscuit.
Objective (s)	**:**	To enhance the shelf-life & income of Banana fruit bar & Banana biscuit
Treatments		
Farmers Practice (FP)	**:**	Direct selling of banana at ripening stage at minimal price
Technology option-I (TO-I)	**:**	**Preparation of Banana fruit bar:** Pulp is prepared from ripe banana through homogenization followed by addition of sugar, pectin &citric acid. Dehydrated at 70° C . Set into sheet & cut in suitable size
Technology option-II (TO-II)	**:**	**Preparation of Banana Biscuit-** Preparation of dough from banana flour (60%), Maida (30%), sugar, dalda, baking powder, milk powder& essence. Shaping in the mould & baking it.
Critical Inputs	**:**	Banana flour , Refined flour, sugar, dalda, baking powder, milk powder& essence
Unit Size	**:**	1k.g
No of Replications	**:**	7
Unit Cost	**:**	700
Total Cost	**:**	4900
Monitoring Indicator	**:**	Shelf Life (Days), Sensory Evaluation
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	**:**	Post Harvest Technology centre, TNAU, 2015

OFT- 7

Season	**:**	Kharif 2026
Title of the OFT	**:**	**Assessment of Wet Land Power Weeders in Paddy**
Thematic Area	:	Farm Mechanization
Problem diagnosed	**:**	Labour intensive, Drudgery prone and time consuming operation in manual weeding
Important cause		Labour intensive
Production system	:	Rice- fallow
Micro farming system	**:**	Rainfed lowland
Technology for Testing	:	Weeding done by Wet Land Power Weeder
Existing Practice	**:**	Manual weeding
Hypothesis		Weeding done by Wet Land Power Weeder may save labour
Objective (s)	**:**	To Assessment of Wet Land Power Weeders in Paddy
Treatments		
Farmers Practice (FP)	**:**	Manual Weeding
Technology option-I (TO-I)	**:**	Weeding done by Mandwa Weeder
Technology option-II (TO-II)	**:**	Weeding done by Wet Land Power Weeder
Critical Inputs	**:**	Mandwa weeder and wet land power weeder
Unit Size	**:**	1 ha.
No of Replications	**:**	7
Unit Cost	**:**	2000
Total Cost	**:**	14000
Monitoring Indicator	**:**	Field capacity (ha/h), Weeding Index(%), Labour utilization (man days/ha), Plant damage(%)
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	**:**	**AICRP on ESA, CAET, OUAT, 2011 & 2013**

OFT- 8

Season	**:**	Rabi,2026
Title of the OFT	**:**	**Assessment of growth and yield of mustard to irrigation scheduling**
Thematic Area	:	Soil water conservation
Problem diagnosed	**:**	Poor Yield of Mustard due to improper irrigation
Important cause		No use of moisture conservation technology
Production system	:	Rice-Mustard
Micro farming system	**:**	Irrigated medium land
Technology for Testing	:	Irrigation Scheduling in mustard at different crop stage
Existing Practice	**:**	No Irrigation
Hypothesis	**:**	Irrigation Scheduling in mustard may improve the water holding capacity of the soil
Objective (s)	**:**	To increase the productivity
Treatments		
Farmers Practice (FP)	**:**	No Irrigation
Technology option-I (TO-I)	**:**	One Irrigation at Rosette Stage
Technology option-II (TO-II)	**:**	One Irrigation at Pod formation
Technology option-III (TO-III)	**:**	Two Irrigations (1^{st} at Rosette + 2^{nd} at Pod Formation)
Critical Inputs	**:**	Mustard Seed
Unit Size	**:**	1 ha.
No of Replications	**:**	7
Unit Cost	**:**	2000
Total Cost	**:**	14000
Monitoring Indicator	**:**	Yield (q/ha), growth parameters(plant height)
Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	**:**	CSAUAT, 2022

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-

Sl. No.	Tentative titles
1	Millet cultivation brings prosperity to farmers
2	Farm mechanization made life comfortable
3	Poultry farming acts as a boon for farm women

12. Scientific Advisory Committee

Date of SAC meeting held during 2026	Proposed date during 2023
29.01.26	28.01.27

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	362	0	294	0	836	24	1492	14	1506	35	
Water Samples	20	3	0	4	1	11	1	18	2	20	8	
Other (Please specify)												
Total	**520**	**365**	**0**	**298**	**1**	**847**	**25**	**1510**	**16**	**1526**	**43**	

14. Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.) up to 31.03.2026	Expected fund requirement (Rs.) during 2026-27
Contingency	585,000	10,00,000
TA	100,000	1,50,000
HRD	15,000	30,000
SCSP	500,000	10,00,000
Non Recurring	0	5,00,000
Repair& Renovation	0	5,00,000
Staffs Quarter	0	1,00,00,000
Cluster Demo (Pulse)	0	3,60,000 (40 ha. x 9000)
Cluster Demo (Oilseed)	250,000	4,80,000 (40 ha. x 12000)
Swachhata	36,000	36,000

* 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.

Popularization of greengram var. virat

Green gram is the major pulse crop growing in Bargarh district. It is generally cultivated in 20634 ha. during kharif & in 8079 ha. during rabi season covering a total of area ha. . Farmers are not able to obtain a good yield due to poor availability of good quality seed, YMV infestation. lack of irrigation after monsoon rain. Some have kept their land fallow after harvesting of paddy and had no alternative crop for his rainfed land even though they consume only rice with little or no dal. To overcome these problem KVK, Bargarh had taken initiative to improve the yield of green gram with short duration variety Virat (55-60 days) with improved technology practices. As this variety is also resistant to YMV infestation the Farmers were supplied with Virat under CFLD (pulse) programme and seed hub prog. They were trained with line sowing behind plough at a spacing of 30cmx10cm, seed treatment with Carbendazim@1gm/kg & Rhizobium culture@20gm/kg seed, applied soil test-based fertilizer with special emphasis on application of Phospho-Gypsum@ 2.5Q/Ha. During pre pod formation stage they were sprayed Indoxacarb15.8SL@ 1ml/5litrs of water to control pod borers and Sulphur 80WP @ 5 gm. /ltr of water to manage powdery mildew disease. They have applied two irrigations at pre flowering and pod development stage. They are now able to yield an avg. of 8.5 q/ha in place of 3.5 q/ha in their traditional practices. Some of them are also storing the seeds from season to season for their own requirement and sold the rest quantity to the other farmers & KVK under seed hub prog. This variety has now helped the farmers for obtaining a good yield with a good source of protein to enhance the nutritional status of the society.

Sr. Scientist & Head
KVK, Bargarh