ACTION PLAN- 2022-23, KVK, Ganjam-II

1. Name of the KVK:

Address	Telephone	E mail	
Krishi Vigyan Kendra, Ganjam-II	09937789325	kvkganjam2.ouat@gmail.	com
At: Golanthara;		kvkganjam2@yahoo.com	n
P.O: Golanthara; Berhampur; Dist: Ganjam;			
Odisha – 761008			

2.Name of host organization :

Address	Telephone		E mail
	Office	FAX	
Orissa University of Agriculture and Technology			
Bhubaneswar -751003 Orissa			

3.Training programme to be organized (January 2022 to December 2022)

(a) Farmers and farmwomen

Thematic area	Title of Training	No.	Duration	Venue	Tentative	No. of Participants								
				On/Off	Date	S	С	S	Г	Ot	her		Tot	al
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Crop production	Nursery Management in rice	1	1day	Off	26.05.2022									25
Crop production	Improved package of practices of Ragi	1	1day	Off	06.06.2022									25
Crop production	SRI system of rice production	1	1 day	Off	17.06.2022									25
Natural Resource Management	Integrated Weed management in rice	2	2 days	On	02.07.2022 20.08.2022									50
Crop production	Irrigation management in crops	1	2 days	On	19.07.202222.07.2022									25
Crop production	Scientific cultivation of Fodder crops	1	1 day	Off	06.08.2022									25
Crop production	Maize pulse Intercropping	1	1 day	Off	17.08.2022									25

Crop production	Improved package of practices of pulse crop	1	1 days	On	09.09.2022					25
Natural Resource Management	Integrated weed management in groundnut	1	1 days	On	23.09.2022					25
Crop production	Integrated weed management in greengram/blackgram	1	1day	Off	10.10.2022					25
Crop production	Improved package of practices of sunflower	1	1 day	Off	11.11.2022					25
Crop production	Improved package of practice of sesame	1	1 day	Off	27.12.2022					25
Production and Management technology	Production technology of Colocasia, Yam, Elephant foot yam	1	1 day	Off	27.05.2022					25
Yield increment	Improved agro techniques of bitter gourd, bottle gourd, spine gourd, pointed gourd	1	1 day	Off	23.06.2022					25
Off season vegetable	Production technology for off season vegetables	1	2 day	On	06.07.2022 & 07.07.2022					50
Cultivation of Fruit	Cultivation of Papaya, Banana, Dragon fruit	1	1 day	Off	27.7.2022					25
Export potential of ornamental plants	Production technology for increasing yield of Kewda	1	1 day	Off	19.8.2022					25
Spice production	Scientific Cultivation Of Onion, ginger, Chilli	1	1 day	Off	6.9.2022					25
High vale vegetable	Scientific Cultivation Of Capsicum, red cabbage cherry Tomato	1	1 day	Off	23.9.2022					25
Export potential of ornamental plants	Production technology of Marigold, Tuberose ,Jasmine	1	2 day	Off	20.10.2022					25
Export potential	Cultivation of,	1	1 day	Off	2.11.2022					25

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managementin bittergourdin lin bittergourdin 	IPM	Borer pest	1	1 day	Off	12.04.2022				25
bittergourdon04.05.2022on25IDMBlastdisease11 day0n04.05.2022025IDMBlastandsheath11 day0ff27.05.2022025		management in		÷						
IDMBlastdisease11 dayOn04.05.202225IDMBlastandsheath11 dayOff27.05.202225		bittergourd	1	1 .1.	0	04.05.0000				25
IDM Blast and sheath 1 1 day Off 27.05.2022 25		management in ragi	1	i day	On	04.05.2022				23
	IDM	Blast and sheath	1	1 day	Off	27.05.2022	1			25

	hlight the							1		
	management rice.									
IDM	Disease management in betelvine	1	1 day	On	09.06.2022				2	25
IDM	Disease and pest management in sunflower.	1	1 day	Off	29.06.2022				2	25
IDM	Wilt and rotting disease management in tomato.	1	1 day	On	07.07.2022				2	25
IDM	StoneweevilmanagementinMango.	1	1 day	On	21.07.2022					25
IDM	Shoot and fruit borer management in brinjal.	1	1 day	Off	03.08.2022					25
IPM	Leaf curl disease management in chilli	1	1 day	On	30.08.2022					25
IDM	Colarrotmanagementingroundnut .	1	1 day	Off	06.09.2022					25
IPM	Aphid management in Marigold.	1	1 day	On	28.09.2022				4	25
IPM	Nursery disease management in rabi rice.	1	1 day	Off	20.10.2022				2	25
IPM	Method of sowing & preparation of pesticide formulation	1	1 day	Off	12.11.2022				2	25
IPM	Indigenous technology knowledge in insect pests &disease control	1	1 day	Off	05.12.2022					25
Production and management	Feed management in pisciculture	01	1 day	Off	11.05.2022				2	25
Production and management	Common parasitic infections in fish & its remedial measures	01	1 day	Off	28.05.2022					25
Production and management	Pre stocking in management pre pisciculture tank	01	1 day	Off	04.06.2022					25
Production and management	Post stocking in management pre pisciculture tank.	01	1 day	Off	24.06.2022					25
IFS	Integrated fish farming	01	1 day	Off	8.07.2022					25

Production and Management	Fish seed production technology in small tanks	01	1 day	Off	29.07.2022					25
Production and management	Adverse aquatic environment & its remedial measures	01	1 day	Off	05.08.2022					25
Production and management	Scientific GIFT tilapia farming	01	1 day	Off	19.08.2022					25
Production and management	Manuring of pond for enhance fish productivity	01	1 day	Off	7.09.2022					25
Production and management	Plankton Management in Grow-out pond culture	01	1 day	Off	22.09.2022					25
Production and management	Control and eradication of algal blooms and weeds in fish culture	01	1 day	Off	04.10.2022					25
Post-harvest management	Value addition and value added products from fish and shell fish	01	1day	Off	27.10.2022					25
Production and management	Species diversification in Aquaculture and its Importance	01	1 day	Off	08.11.2022					25
Production and management	High input based Aquaculture Practicess	01	1 day	Off	23.11.2022					25
Formation of social Institutions	Formation, management and strengthening of SHG, FIG, CIG, JLG and WIG	2	3	On/off	8.4.2022 9.4.2022 & 20.12.22					50
Effective utilization of resources	Agro-forestry model and its importance on livelihoods	1	2	On	10.5.2022 11.5.2022					25
Institutional Development	Formation of Farmers Producer Organization	1	2	On	10.6.2022 11.6.2022					25
Technology Transfer	Adoption of climate- resilient practices for sustainable agriculture	1	2	On	21.7.2022 22.7.2022					25
Technology Transfer	Production led extension to market led extension	1	1	Off campus	28.7.2022					25
Technology	New dimension of	1	1	On	19.8.2022					25

Transfer	extension approaches			campus	20.8.2022				
Farm to Fork	Collective marketing for higher income and profit	1	1	Off campus	25.8.2022				25
Fodder	Fodder cultivation for	1	1	Off	13.9.2022				25
production	ruminants			cumpus					
Soil and water conservation	In-situ moisture conservation technologies for better land and water management	1	1	Off campus	28.9.2022				25
Rural Entrepreneurships	Rural Entrepreneurships development through income generating activities	1	1	Off campus	21.10.2022				25
Rural Entrepreneurships	Development of Integrated farming system for small & marginal farmers	2	2	Off campus	02.11.2022 16.12.2022				50
Management of natural Resources	Conservation and Management of Natural Resources	1	1	Off campus	17.11.2022				25
Value addition	Value added product from fruit veg.	2	2	On campus	12.10.2022 07.12.2022				50
Nutritional security	Nutritional garden	2	2	Off campus	21.07.2022 22.11.2022				50
Income generation	Backyard poultry for income generation	1	1	Off campus	28.11.2022				25

(b) Rural youths

Thematic	Title of	No.	Duration	Venue	Tentative		No. of Participants							
area	Training			On/Off	Date	S	С	S	Г	Oth	ner]	[ota	l
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Crop production	Seed production in rice	1	2 days	On	04.07.2022& 05.07.2022									15
Crop production	Quality seed production in pulses	1	2 days	Off	13.09.2022 & 14.09.2022									15
Natural Resource	Sustainable Agriculture	1	2 days	On	16.11.2022& 17.11.2022									15

Management										
Natural Resource Management	Climate change and its impact on agriculture	1	2 days	On	07.12.2022& 08.12.2022					15
Nursery Management of Horticulture crops	Quality planting material production	1	2day	On	August					15
Protected cultivation of vegetable crops	Cultivation of high value vegetable under protected environment	1	2day	On	September					15
Commercial fruit production	Scientific cultivation of Papaya, Banana, Mango	1	2day	On	October					15
Commercial flower production	protected Cultivation of Rose, Orchids,Gerbera	1	2day	On	November					15
Production and use of organic inputs	Training on vermiculture and vermicomposting	2	4 day	On	August 2 nd week October 2 nd week					15
Employment Generation	Entrepreneurship development through Production of Organic inputs	2	4 day	On	September3rd week December 2 nd week					15
IPM	Mango Orchard management	1	2days	Off	15.08.2022 to 16.08.2022					15
IPM	Safe use of pesticide	1	2days	Off	27.10.2022 to 28.10.2022					15
1PM	New generation pesticides	1	2days	On	14.11.2022 to 15.11.2022					15
1PM	IPM & IDM in groundnut	1	2days	On	06.12.2022 to 07.12.2022					15
Production & management	High input based Aquaculture practices (BIOFLOC)	1	2day	on	16.08.2022 to 17.08.2022					15
Production & management	Package and practices of Fingerling and Yearling	1	2day	on	22.10.2022 to 23.10.2022					15

	production													
Production & management	Ornamental fish culture as an Income generating activity	1	2day	on	13.11.2022 to 14.11.2022									15
Post-harvest management	Value addition and value added product preparation	1	2day	on	04.12.2022 to 05.12.2022									15
Agri- preneurship Development	Agri-preneurship Development towards self sufficiency	1	2 days	On	25.8.2022 26.8.2022	1	1	1	1	8	3	10	5	15
Value Chain	Value Chain analysis of major Agril. Commodities	1	2 days	On	26.10.2022 27.10.2022	1	1	0	0	8	5	9	6	15
Climate smart agriculture	Climate smart agriculture for sustainable development	1	2 days	On	15.11.2022 16.11.2022	1	1	1	1	8	3	10	5	15
Agriculture Innovation	New Dimension of Agriculture for all-round development	1	2 days	On	20.12.2022 21.12.2022	1	1	0	0	8	5	9	6	15

(c) Extension functionaries

Thrust area/	Title of	No.	Duration	Venue	Tentative				No.	of Pa	rtici	pants		
area	1 raining			On/Off	Date	S	С	S	Т	Ot	her		Tota	1
						Μ	F	Μ	F	Μ	F	М	F	Т
Natural Resource Management	Integrated weed management in crops	1	1day	On	11.01.2023									10
Natural Resource Management	Crop Diversification	1	1day	On	08.02.2023									10
Precision farming	Recent technologies for productivity enhancement in vegetable crops	1	1 days	On	December									10
Production and management	Seed production	1	1 days	On	January									10

	technology in vegetable crops													
INM	Integrated nutrient management for sustainable agriculture	1	1 days	on	November 3 rd week									
Use of organic inputs	Organic farming for sustainable agriculture	1	1 days	on	December 4 th week									
IPM	IPM in rice	1	1 days	on	01.12.2022									10
IPM and IDM	IPM and IDM in brinjal crops	1	1 days	on	14.12.2022									10
Production and Management	Recent Advances in Aquaculture Practices	1	1 day	On	02.12.2022									10
Production and Management	Tools for accessing soil, water and disease diagnosis and treatment	1	1 day	On	13.12.2022									10
Group dynamics	Formation & management of Farmer producer Organization	1	1	On	10.11.2022	1	1	0	0	5	3	6	4	10
Application of ICTs	Use of ICT (Information Communication Technology) in Agriculture	1	1	On	13.12.2022	1	1	0	0	5	3	6	4	10

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

Farmers and Farm women

Thematic Area	No. of			No	o. of Pa	articipa	nts				Gran	d Total	
	Course		SC			ST			Other	•			
	s	Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
I. Crop Production													
Weed Management	3												75
Resource Conservation Technologies													
Cropping Systems	1												25
Crop Diversification													
Integrated Farming													
Water management	1												25
Seed production	1												25
Nursery management	1												25
Integrated Crop Management	5												125

Thematic Area	No. of			No	o. of Pa	articipa	nts				Gran	d Total	
	Course		SC			ST			Other	•	-		
	s	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Fodder production	1												25
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL	13												32
													5
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development	1												25
Yield increment	1												25
Production of low volume and high													
value crops													
Off-season vegetables	1												25
Nursery raising													
Exotic vegetables like Broccoli	1												25
Export potential vegetables	1												25
Grading and standardization													
Protective cultivation (Green Houses,													
Shade Net etc.)													
Others, if any (Cultivation of													
Vegetable)													
TOTAL	5												12 5
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit	1												25
Management of young													
plants/orchards													
Rejuvenation of old orchards													
Export potential fruits	1												25
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL	2												50
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants	2												50
Propagation techniques of	1												25
Ornamental Plants	1												
Others, if any													
TOTAL	3												75
d) Plantation crops													
Production and Management													
technology													

Thematic Area	No. of			No	. of Pa	articipa	nts				Gran	d Total	
	Course		SC			ST			Other	ſ			
	s	М	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management													25
technology	1												
Processing and value addition													
Others, if any													
TOTAL	1												25
f) Spices													
Production and Management													25
technology	1												
Processing and value addition													
Others, if any													
TOTAL	1												25
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management													
technology													
Post harvest technology and value													
addition													
Others, if any													
TOTAL	10												30
	12												0
III. Soil Health and Fertility													
Management													
Soil fertility management	2												50
Soil and Water Conservation													
Integrated Nutrient Management	3												75
Production and use of organic inputs	3												75
Management of Problematic soils													
Micro nutrient deficiency in crops	1												25
Nutrient Use Efficiency	1												25
Soil and Water Testing	2												50
Others, if any													
TOTAL	10												30
	12												0
IV. Livestock Production and													
Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
					_					_			

Thematic Area	No. of			No	o. of Pa	articipa	ants				Gran	d Tota	1
	Course		SC			ST			Othe	r			
	s	Μ	F	Т	М	F	Т	М	F	Т	М	F	Т
V. Home Science/Women													
empowerment													
Household food security by kitchen													
gardening and nutrition gardening													
Design and development of													
low/minimum cost diet													
Designing and development for high													
nutrient efficiency diet													
Minimization of nutrient loss in													
processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition	2												50
												-	50
Income generation activities for	2												50
empowerment of rural Women													_
Location specific drudgery reduction													
technologies													_
Rural Crafts													
Capacity building													
Women and child care													
Others, if any	1												25
TOTAL	5												125
VI.Agril. Engineering													
Installation and maintenance of micro													
irrigation systems													
Use of Plastics in farming practices													-
Production of small tools and													-
implements													
Repair and maintenance of farm													
machinery and implements													
Small scale processing and value													
addition													
Post Harvest Technology													
Others, if any													
TOTAL													-
VII. Plant Protection													
Integrated Pest Management	5												125
Integrated Disease Management	8												200
Bio-control of pests and diseases	1												25
Production of bio control agents and													1
bio pesticides													
Others, if any													
TOTAL	14												350
										_			

Thematic Area	No. of			No	o. of Pa	articipa	nts				Gran	d Total	
	Course		SC			ST			Other	•			
	s	М	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
VIII. Fisheries													
Integrated fish farming	1												25
Carp breeding and hatchery	1												25
management	1												
Carp fry and fingerling rearing	2												50
Composite fish culture & fish disease	4												10
	4												0
Fish feed preparation & its													
application to fish pond, like nursery,	2												50
rearing & stocking pond													
Hatchery management and culture of													
freshwater prawn													
Breeding and culture of ornamental	1												25
fishes	1											<u> </u>	
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition	1												25
Others, if any	2												50
TOTAL	14												35
	14												0
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			_									<u> </u>	
A. Capacity Building and Group													
Dynamics					-							<u> </u>	-
Crown dynamics					-							───	50
Formation and Management of SUC	2											<u> </u>	50
Mobilization of accial accided	2											<u> </u>	50
Entranguarial davalanment of	2											<u> </u>	50
farmers/youths	2												50
				1						1		<u> </u>	

Thematic Area	No. of				Gran	d Total							
	Course		SC			ST			Other	r			
	s	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
WTO and IPR issues													
Others, if any	6												15
	0												0
TOTAL	14												35
	14												0
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL	Q /												21
	04												00

Rural youth

Thematic Area	No. of				No. of			Grand	Total				
	Courses		SC			ST			Other				
		Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production	2	30											30
Production of organic	2	30											30
inputs													
Planting material	1	15											15
production													
Vermi-culture	2	30											30
Sericulture													
Protected cultivation of	1	15											15
vegetable crops													
Commercial fruit	1	15											15
production													
Repair and maintenance													
of farm machinery and													
implements													
Nursery Management of	1	15											15
Horticulture crops													
Training and pruning of													
orchards													
Value addition													
Orchard	1	15											15
management by													
controlling pest and													
disease													
Safe use of pesticide	1	15											15
New generation	1	15											15

Thematic Area	No. of				No. o	f Partic	ipants				Grand	l Total	
	Courses		SC			ST			Other				
		Μ	F	Т	Μ	F	Т	М	F	Т	М	F	Т
pesticides													
IPM & IDM in	1	15											15
groundnut													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries	1												15
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	1												15
rearing											_		
Small scale processing													
Post Harvest	1												15
Technology											_		
Tailoring and Stitching													
Rural Crafts													
Enterprise development	1												15
Others if any (ICT	6												90
application in													
agriculture)													
TOTAL	24												360

Extension functionaries

Thematic Area	No. of				No. of		Grand	Total					
	Courses		SC			ST			Other				
		Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
Productivity													
enhancement in field	1												10
crops													
Integrated Pest	1												10
Management	1												10
Integrated disease	1												10
management	1												
Rejuvenation of old													
orchards													
Value addition													

Protected cultivation technology	2						20
Formation and	1						10
Management of SHGs	1						
Group Dynamics and	1						10
farmers organization	1						
Information networking							
among farmers							
Capacity building for							
ICT application							
Care and maintenance							
of farm machinery and							
implements							
WTO and IPR issues							
Management in farm							
animals							
Livestock feed and							
fodder production							
Household food							
security							
Women and Child care							
Low cost and nutrient							
efficient diet designing							
Production and use of	1						10
organic inputs	1						
Gender mainstreaming							
through SHGs							
Crop intensification							
Others if any	4						40
TOTAL	12						120

4. Frontline demonstration to be conducted*

FLD-1 (Agronomy) Demonstration of high yielding fodder varieties for round the year production
Crop: Fodder crops
Thrust Area: Fodder Production
Thematic Area: Fodder Production
Season:Kharif 2022
Farming Situation:Rainfed upland(fallow)

	Crop &	Propose		Parameter	Cost o	f Cult	ivation	No	of	farm	ers	/ den	າດກະ	strati	on	
S1.	variety /	d Area	Technology	(Data) in	(Rs.)		I	110	. 01	IaIIII	0157	uen	1011	Juli	on	
No	Finterprise	(ha)/	package for	relation to	Name	Dem	Loca	SC		ST		Oth	ler	Tot	al	
•	s	Unit	demonstration	technology	of	Dem	1 1	м	F	м	F	м	F	м	F	т
	3	(No.)		demonstrated	Inputs	0	1	IVI	1.	IVI	1.	IVI	1.	IVI	1.	1
1	Fodder	2 ha	Demonstratio	Green fodder	Fodder	1400										1
	crops		n of high	yield/ha,	crop	0										0
			yielding	Cuttings/Yea	cutting											
			fodder	r	S											
			varieties for													
			round the	Cost of												
			year	intervention.												
			production	B:C ratio												
			(.Cultivation													
			of variety of													
			fodder													
			grasses													
			Hybrid													
			Napier,													
			fodder maize													
			, fodder													
			cowpea													

Activity	Title of	No.	Clientele	Duration	Venue	No. of Participant		of						
	Activity				On/Off	P	artici	pant	8					
						S	С	S	Г	Ot	her	Тс	otal	
						Μ	F	М	F	М	F	М	F	Т
Training	Scientific cultivation of fodder crops	1	Farmers and farm women	1	Off									
Field Day	Demonstartion of perennial fodder crops cultivation for year round availability	2	Farmers and farm women,AAO,BAO VAW, KRUSHIMITRA	2days	Off									

FLD-2 (Agronomy) Demonstration of Cultivation of Blackgram variety OBG-33(Sashi) Crop:Blackgram Thrust Area: Crop Diversification Thematic Area: Varietal Replacement Season:Rabi 2022-23 Farming Situation:Irrigated medium land(Rice-Pulse)

		Prop		Domentor	Cost of C	ultivation	(Rs.)	No. o	of far	mers	/ der	nonst	tration			
		osed	Technolog	(Data) in				SC		ST		Oth	er	To	otal	
sl.	Crop &	Area	y package	(Data) III relation to	Name											
Ν	variety /	(ha)/	for	technology	of	Demo	Local		-		-		-		-	-
0.	Enterprises	Unit (Na	demonstrati	demonstrat	Inputs			Μ	F	Μ	F	Μ	F	Μ	F	Т
		(1NO.	OII	ed	-											
1	Blackgram	2ha	Demonstrat	No of	Blackgr	14000.	8000.									10
			ion of	pods/plant,	am seed	00	00									
			Cultivation	no of												
			of	seeds/pod,												
			Blackgram	weight												
			variety	vield,												
			OBG-33(Economics												
			Sashi)													
			Duration:													
			75 days													
			Potential													
			yield: 8.4													
			q/ ha													
			Adaptabilit													
			y: Rabi													
			season and													
			rainfed													
			uplands													
			during													
			kharif in													
			Odisha													
			Yield													
			Advantage													
			: 13.5 %													
			over Prasad													
			Other													
			characterist													
			ics:													
			Moderately													
			resistant to													
			YMV,													
			Anthracnos													
			e and													
			Powdery													

	mildew							

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	P	No artic	. of ipant	8					
						S	С	S	Т	Otl	ner	То	tal	
						М	F	М	F	М	F	М	F	Т
Training	Improved package of practice of pulse crops	1	Farmers and farm women	1 day	Off									
Field day	Demonstration of high yielding blackgram variety OBG 33(Sashi)	2	Farmers and farm women,AAO,BAO VAW, KRUSHIMITRA	2 days										

FLD-3 (Horticulture): Demonstration on INM on growth, yield and quality of tuberose

Crop: Tuberose Thrust Area: Reducing flower Thematic Area: Plant growth regulator application Season: Kharif 2022 Farming Situation: Rainfed, medium land, floriculture-floriculture cropping system

		Propos		Parameter	Cost of Cult	ivation	(Rs.)	No	. of	farm	ers	/ den	nons	tratio	on	
S 1	Crop &	ed	Technology	(Data) in				SC		ST		Oth	ner	Tot	al	
No	variety / Enterprise	Area (ha)/	package for	relation to	Name of	Dem	Loca									
•	s	Unit	demonstration	demonstrate	Inputs	0	1	Μ	F	Μ	F	Μ	F	Μ	F	Т
		(No.)		d												

1	Tuberose	1 ha	Application of	Number of	Plant	5500	5000					
			75% N (Urea)	spikes/plant,	growth	0	0					
			+ 25% N		regulator							
			(mustard	Number of								
			oilcake) of	flowers/spik								
			recommended	e, flower								
			dose of	length, Days								
			200:200:200	to fifty per								
			kg /ha NPK	cent								
			along with	flowering,								
			10t/ha FYM.	flower								
				yield/plant,								

Activity	Title of	No.	Clientele	Duration	Venue	No.	of Pa	rticip	ants					
	Activity				On/Off	S	С	S	Т	Otl	ner	То	otal	
						М	F	М	F	М	F	М	F	Т
Training	Improved cultivation of tuberose	1	F/FW	1day	off									25
Field day	Field day on tuberose	2	F/FW, extension functionaries	1 day	off									40

FLD-4 (Horticulture): Demonstration on influence of micronutrient on yield attributes of bitter gourd

Crop: Bitter gourd Thrust Area: : Improvement in yield of bitter gourd Thematic Area: Varietal evaluation Season: Rabi 2022-23 Farming Situation: Rabi, irrigated-medium land, rice-vegetable cropping system

S1	Crop &	Propose	Technology	Parameter (Data) in	Cost (Rs.)	of Cul	tivation	No.	of	farm	ers /	dem	ons	tratic	on	
No	variety /	(ha)/	package for	relation to	Nama			SC		ST		Oth	er	Tot	al	
	Enterprise s	Unit (No.)	demonstratio n	technology demonstrate d	of Inputs	Demo	Local	М	F	М	F	М	F	М	F	Т

1	Bitter	0.4ha	Foliar	No. of		27000	22000					
	gourd		application of	fruits/vine,	Seeds							
			B and Zn @	Fruit								
			100 ppm	yield/vine								
			each at 30-									
			35 days after									
			sowing.									

Activity	Title of	No.	Clientele	Duration	Venue	No.	of Pa	rticip	ants					
	Activity				On/Off	S	С	S	Т	Ot	her	То	tal	
						М	F	Μ	F	Μ	F	Μ	F	Т
Training	Improved package of practices of gourd crops	1	F/FW	1day	Off									25
Field day	Field day on Improved cultivation of bitter gourd	2	F/FW, extension functionaries	1 day	Off									40

FLD-5 (Horticulture): Demonstration on application of herbicides against weed flora in onion

Crop: Onion

Thrust Area: Increase in yield of onion by reducing the loss due to weed infestation

Thematic Area: Weed Management

Season: Rabi, 2022-23

Farming Situation: Irrigated-medium land , Vegetable –vegetable cropping system

		Droposo		Parameter	Cost of Cultiv	ation (R	s.)	No	. of	farm	ners	/ der	non	strat	ion	
S 1	Crop &	d Area	Technology	(Data) in				SC		ST		Oth	ner	Tot	tal	
No	variety / Enterpris es	(ha)/ Unit (No.)	package for demonstratio n	relation to technology demonstrate d	Name of Inputs	Dem o	Local	М	F	М	F	М	F	М	F	Т
	Onion	1 ha	Combined	No of		5500	5000									
			spray of pendimethali	weeds per sqm,	Pendimethal in and	0	0									
			n $30EC$ @	WCE(%), Viold(g/ba)	quizalofop											
			quizalofop	1 leiu(q/iia),	ettiyi											
			ethyl 5EC @													
			the time of													
			planting and													
			at 30 DAT													

Activity	Title of Activity	No.	Clientele	Duration	Venue	No.	of Pa	rticip	ants					
	Thetrity				On/Off	S	С	S	Т	Ot	her	То	otal	
						М	F	М	F	М	F	М	F	Т
Training	Improved cultivation of chilli	1	F/FW	1day	off									25
Field day	Field day on foliar application of growth regulator in chilli	2	F/FW, extension functionaries	1 day	off									40

FLD-6 (Horticulture): Demonstration on trellies system in pointed gourd for higher production

Crop: Pointed gourd Thrust Area: : Improvement in yield of pointed gourd Thematic Area: Varietal evaluation Season: Rabi 2022 -23 Farming Situation: Irrigated-medium land , Vegetable –vegetable cropping system

S1.	Crop &	Propose d Area	Technology	Parameter (Data) in	Cost (Rs.)	of Cul	tivation	No	. of	farm	ers /	dem	nons	tratio	on	
No	variety / Enterprise s	(ha)/ Unit (No.)	package for demonstratio n	relation to technology demonstrate d	Name of Inputs	Demo	Local	SC M	F	ST M	F	Oth M	F	Tot M	F	Т
1	Pointed gourd	0.4ha	Bower type trellies system	Length of fruit (cm) wt of fruit(g), incidence of fruit rot, No. of fruits/vine, Fruit yield/vine	Seeds	27000	22000									

Activity	Title of	No.	Clientele	Duration	Venue	No.	of Pa	rticip	ants					
	Activity				On/Off	SC ST		Т	Ot	her	То	tal		
						Μ	F	Μ	F	Μ	F	М	F	Т

Training	Improved	1	F/FW	1day	Off					25
	package of									
	practices of									
	gourd crops									
Field day	Field day	2	F/FW,	1 day	Off					40
	on		extension							
	Improved		functionaries							
	of									
	Pointed									
	gourd									

FLD-7 (Soil Science): Demonstration on integrated nutrient management in okra
Crop: Okra
Thrust Area: INM
Thematic Area: Nutrient management
Season: Kharif 2022
Farming Situation: Rainfed medium land, Vegatable-Vegetable cropping system

		Propos	Tachnolog	Parameter	Cost of Cult	ivation (l	Rs.)	No. o	of f	arme	rs / d	emor	stratio	n		
Sl	Crop &	ed	v package	(Data) in				SC		ST		Oth	er	То	tal	
N 0.	variety / Enterpris es	Area (ha)/ Unit (No.)	for demonstrati on	relation to technology demonstrat ed	Name of Inputs	Demo	Local	М	F	М	F	М	F	М	F	Т
1	Okra	1ha	Integrated application of STBF NPK + FYM (5 t/ha) + lime@0.2L R	No. of fruits/plant , Soil testing values before and after crop	Biofertilis ers, neem cake	10300 0	9500 0									10

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Pa	No artic	. of ipan	ts					
						S	С	S	Т	Otl	her	То	tal	
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training	INM in okra	1	25	1day	off									25

Field	Field day on	2	F/FW,	2day	off					40
day	Demonstration		Extension							
	on INM in		functionaries							
	okra									

FLD-8 (Soil Science): Demonstration on consortia biofertiliser application in brinjal Crop: Brinjal

Thrust Area: INM Thematic Area: Nutrient management Season:Kharif, 2022

Farming Situation: Rainfed medium land ,vegetable-vegetable cropping system

				Paramete	Cost of C	Cultivatio	n (Rs.)	No. o	of fai	rmer	s / de	mon	stratio	n		
		Propo	Technolog	r (Data)				SC		ST		Oth	ner	To	otal	-
SI N o.	Crop & variety / Enterpr ises	sed Area (ha)/ Unit (No.)	y package for demonstra tion	in relation to technolog y demonstr ated	Name of Inputs	Demo	Loca l	М	F	М	F	М	F	М	F	Т
	Brinjal	1ha	STBF+ inoculation of OUAT consortia bio- fertilisers to pre- limed (5%) 300 Kg FYM/VC (1:25) incubated for 7 days at 30% moisture and applied in the rhizosphere on the day of planting	No. Fruits/plan t, fruit wt. Soil testing values before and after crop	OUAT microbi al consorti a	10500 0	9600 0									10

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Р	No artic	. of ipant	s					
						S	С	S	Т	Ot	her	То	tal	
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training	Role and uses of bio fertilisers in vegetables	1	25	1day	off									25
Field day	Demonstration on consortia biofertiliser application in brinjal	2	F/FW, Extension functionaries	2 day	off									40

FLD-9 (Soil Science) Demonstration on application of sulphur in onion

Crop: Onion

Thrust Area: INM Thematic Area: Nutrient management Season:Rabi 2022-2023 Farming Situation: Irrigated medium land, Rice- vegetable/ vegetable- vegetable cropping system

				Paramete	Cost of C	ultivatio	n (Rs.)	No. o	of far	mers	s / de	mons	stratio	n		
		Propo	Technolog	r (Data)				SC		ST		Oth	ner	To	tal	
SI N o.	Crop & variety / Enterpr ises	sed Area (ha)/ Unit (No.)	y package for demonstra tion	in relation to technolog y demonstr ated	Name of Inputs	Demo	Loca l	М	F	М	F	М	F	Μ	F	Т
	Onion	1.0ha	Application of STBF based NPK along with sulphur @ 30 kg/ha	Soil parameter before and after crop, Bulb wt, bulb diameter	Element al sulphur	90000	8000 0									10

Activity	Title of	No.	Clientele	Duration	Venue	No. of	

	Activity				On/Off	P	artic	ipant	S					
						S	С	S	Т	Ot	her	То	tal	
						М	F	Μ	F	Μ	F	Μ	F	Т
Training	Use of secondary and micronutrients vegetable crop	1	25	1day	off									25
Field day	Field day on Demonstration on integrated nutrient management in chilli	2	F/FW, Extension functionaries	2day	off									40

FLD-10 (Soil Science) Demonstration on integrated nutrient management in chilli

Crop: Chilli (

Thrust Area: INM

Thematic Area: Nutrient managementSeason:Rabi 2022-2023Farming Situation: Irrigated medium land, Rice-vegetable/vegetable-vegetable cropping system

				Paramete	Cost of C	lultivatio	n (Rs.)	No. e	of fai	rmer	s / de	mon	stratio	on		
		Propo	Technolog	r (Data)				SC		ST		Oth	ner	To	otal	
SI N o.	Crop & variety / Enterpr ises	sed Area (ha)/ Unit (No.)	y package for demonstra tion	in relation to technolog y demonstr ated	Name of Inputs	Demo	Loca l	м	F	м	F	М	F	M	F	Т
	Chilli	1ha	STBF NPK, Nitrogen to be applied in 3 split doses, Soil application of Azospirillu m @ 5kg/ha should be	Soil parameter before and after crop, No. of fruit per plant, Avg. fruit wt.	Azospiri llum	13500 0	1180 00									10

	mixed with 20 kg FYM							

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Р	No artic	. of ipant	S			1		
						S	С	S	Т	Ot	her	То	tal	
						Μ	F	Μ	F	М	F	Μ	F	Τ
Training	Training on role and use of secondary and micronutrients in chilli crops	1	25	1day	off									25
Field day	Demonstration on integrated nutrient management in chilli	2	F/FW, Extension functionaries	1day	off									40

FLD-11 (Plant protection) Demonstration on chemical management of BPH In Rice **Crop**:Rice

Thrust Area:Pest management Thematic Area: IPM Season:Kharif 2022 Farming Situation:Rainfed low Land (Rice-pulse cropping system)

SI	Crop & variety /	Propo sed	Technology package for	Paramete r (Data)	Paramete Cost of Cu r (Data) (Rs		ation		No	. of fa	arme	ers / c	lemon	strat	ion	
Ň	Enterpri	Area	demonstratio	in	Name	De	Loc	S	С	S	Т	Ot	her	r	Fotal	1
0.	ses	(ha)/U	n	relation	of	mo	al	Μ	F	Μ	F	Μ	F	Μ	F	Т
		nit (No.)		to technolog	Inputs											
		(110.)		v												
				demonstr												
				ated												
	Rice	2 ha	Skip row	No .of	Flonica											10
			planting (after	insect/hill,	mid ,											
			3 m),	% of	pymetro											
			installation of	infestation	zin											
			spider trap @													

25/ ha need					
hogod alternate					
based alternate					
spraying					
(based on ETL					
) of					
Flonicamid					
50%WG 200					
gm/ ha and					
pymetrozine					
50%WG @					
250 gm/ha.					
with tank mix					
of neem oil @					
2.5 ml/lt water					
175 g/ ha and					
pymetrozin					
50WG @ 250					
gm/ha.with					
tank mix of					
neem oil					

Crop: Beetle vine

Thrust Area: Disease Management .

Activity	Title of Activity	No.	Clientele	Duration	Venue		No	. of						
					On/Off	Pa	artic	ripan	ts					
						S	С	S	Т	Ot	her	То	tal	
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training	Training on	1	Farmer	1day	off									25
	chemical		&farmwomen											
	management of													
	BPH In Rice													
Field	Field day on	2	F/FW,VAW,NGO	2day	off									40
day	chemical		members,Krusimitra,											
	management of		Krusaksathietc											
	BPH In Rice													

FLD-12 (Plant protection) Demonstration of Integrated disease management practices for Collar rot in Beetle vine

	Thema	tic Area:	IDM													
	Season	:Kharif 20	022													
	Farmir	ng Situati	on: Irrigated medium la	ind												
Sl	Crop &	Propo	Technology package	Parame	Cost o	f Cultiva	tion	N	o. of	farm	ers	/ der	nons	trat	ion	
	variety /	sed	for demonstration	ter		(Rs.)										
Ν	Enterpri	Area		(Data)	Name	Demo	Loc	S	С	S	Г	Ot	her	Т	otal	I
0.	ses	(ha)/U		in	of		al	Μ	F	Μ	F	Μ	F	Μ	F	Т
		nit		relation	Inputs											
		(No.)		to	-											
				technol												

				ogy demons trated							
1	Beetle	1 ha	Planting material	No .of	T.Virid						1
	vine		treatment with	Rotting	ae , Talaas					1	0
			Tebuconazole @ 1.5	plant/m	1 ebuco nazole					1	
			g/It followed by	2	nazoie					1	
			furrow application of							1	
			T. viride @ 4kg							1	
			enriched in 50kg							1	
			FYM/ha as basal							1	
			application, then							1	
			broadcasting of T.							1	
			viride @ 4kg enriched							1	
			in 250kg FYM/ha at 40							1	
			DAS & 2 sprays of							1	
			Tebuconazole @							1	
			1ml/lit. starting from							1	
			initiation of foliar							1	
			diseases and 2nd								
			spray at 15 days								
			interval .								

Activity	Title of Activity	No.	Clientele	Duration	Venue	De	No	. of	ta					
					011/011	Г 2 С	$\frac{110}{100}$	ipan C	is r	Oth	or	То	tal	
								0.		0th		10	Lai	-
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training	Training on colar	1	Farmer	1day	off									25
	rot in bittlevine		&farmwomen											
Field	Field day	2	F/FW,VAW,NGO	2day	off									40
day			members,											
			Krusimitra,											
			Krusaksathietc											

FLD-13 (Plant protection) Demonstration of Blast disease management practices in kharif Ragi

Crop:Ragi Thrust Area:Disease management Thematic Area: IDM Season:Kharif 2022 Farming Situation: Rainfed medium land (Ragi -Pulse cropping system)

Sl	Crop & variety /	Propo sed	Technolog y package	Paramete r (Data)	Cost of	Cultiva (Rs.)	ation	No	. of farme	rs / demon	stration
Ν	Enterpri	Area	for	in	Name	Dem	Loc	SC	ST	Other	Total

0.	ses	(ha)/U nit (No.)	demonstra tion	relation to technolog y demonstr ated	of Inputs	0	al	Μ	F	Μ	F	Μ	F	Μ	F	Τ
1	Ragi	2 ha	Three sprays of Prochloraz 26.25% + Tricyclazol e 22.5% SE @ 1 lt/ha at 10 days interval	Diseased plants/m2	Tricyc lazole											10

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	P	No artic	. of ipant	ts					
						S	С	S	Т	Oth	ıer	To	tal	
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training	Leaf Blight management in Paddy	1	Farmer &farmwomen	1day	off									25
Field day	Field dayon Bacterial Leaf Blight management in Paddy	2	F/FW,VAW,NGO members,Krusimitra, Krusaksathietc	1day	off									40

FLD-14 (Plant protection) Demonstration on management of Diamond back moth in Cauliflower

Crop: Cauliflower

Thrust Area: pest management Thematic Area: IPM Season: Rabi 2021-2022 Farming Situation: Irrigated medium land

,	Crop &	Propo	Technolog	Paramete	Cost of Cultivation				No	. of f	arme	rs / c	lemon	strat	ion	
Sl	variety /	sed	y package	r (Data)		(Rs.)										
•	Enterpri	Area	for	in	Name	Dem	Loc	S	С	S	Т	01	her		Total	l
Ν	ses	(ha)/U	demonstra	relation	of	0	al	Μ	F	Μ	F	Μ	F	Μ	F	Т
0.		nit	tion	to	Inputs											
		(No.)		technolog												
				У												
				demonstr												
				ated												
1	Cauliflo	1 ha	Spray of	Damaged	Azadir											
	wer		Azadiractin	head%/m2	actin,											
			5%		Noval											
			@200ml/ha		uron											
			at the time		10 %											

	of		EC +					
	flowe	ring,	Emam					
	Spray	ring of	ectin					
	Nova	luron						
	10 %	EC +						
	Eman	nectin						
	benzo	oate						
	5% H	EC @						
	200g/	'nа						
	twice	at 15						
	days							
	interv	al.						

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	P	No artic	. of ipant	s					
						S	С	S	Т	Otl	her	То	tal	
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training	Management of Diamond back moth in Cauliflower	1	Farmer &farmwomen	1day	off									25
Field day	Field day on management of Diamond back moth in Cauliflower	2	F/FW,VAW,NGO members,krusimitra, Krusaksathietc	2day	off									40

FLD-15 (Fisher)Demonstration on use of floating fish feed for yield enhancement in pisciculture

Crop: Fish

Thrust Area: Fish productivity improvement by feed management Thematic Area: Feed management Season: Year Round 2022-23 (Year-II)

Farming Situation: Rain-fed/Irrigated

SI	Crop & variety /	Propo sed	Technolog y package	Paramete r (Data)	Cost of	Cultiva (Rs.)	ation		No	. of fa	arme	ers / c	lemon	strat	ion	
Ν	Enterpri	Area	for	in	Name	Dem	Loc	S	С	S	Т	01	ther	,	Tota	l
0.	ses	(ha)/U	demonstra	relation	of	0	al	Μ	F	Μ	F	Μ	F	Μ	F	Т
		nit	tion	to	Inputs											
		(No.)		technolog												
				У												
				demonstr												
				ated												
1	Fish	2	SD-7,500	Yield				2	3	1	-	4	-	7	3	10
			advanced	Parameter												
			fingerlings/	(Fish)-												
			ha;	Avg.												

Q ₁ = -1-3	a Dada W				
Stockin	g Body Wt.,				
ratio:30	0:40: % of				
30	(3 Survivabil				
Species	ity				
Culture) /				
25:35:2	0:1				
0:10	(5				
species					
culture)).				
Floating	g				
fish fee	d of				
CP 1	evel				
range	24-				
30 will	l be				
fed ty	wice				
daily a	long				
with	-				
mainter	nanc				
e	of				
optimu	m				
soil	and				
water					
quality.					

Activity	Title of	No.	Clientele	Duration	Venue	_	No	of						
	Activity				On/Off	P	artic	ipant	S			-		
						S	С	S	Т	Ot	her	То	tal	
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training		1	Farmer &farmwomen	1day	off	4	5	-	-	14	02	18	07	25
Field day		2	F/FW,VAW,NGO members,krusimitra, Krusaksathietc	2day	off	9	6	2	-	14	09	25	15	40

FLD-16 (Fishery) Demonstration on use of Probiotic for enhanced pond productivity

Crop: Fish

Thrust Area: Soil and Water Quality management Thematic Area: Production and Management Season: Year Round 2022-23 (Year-I)

Farming Situation:

Sl	Crop &	Propo	Technolog	Paramete	Cost of	Cultiva	ation		No	. of fa	arme	ers / d	lemon	strat	ion	
•	variety /	sed	y package	r (Data)		(Rs.)										
Ν	Enterpri	Area	for	in	NameDemLocofoal				С	S	Т	Ot	her	,	Tota	l
0.	ses	(ha)/U	demonstra	relation	NameDemLocofoal			Μ	F	Μ	F	Μ	F	Μ	F	Т
		nit	tion	to	Inputs											
		(No.)		technolog	_											
				У												

				demonstr							
				ated							
1	Fish	05	Both the	Growth					5	5	10
			Water and	Paramete							
			Soil	r: Avg.							
			probiotic	Body Wt.							
			contains	& Length,							
			the mixture	Survivabil							
			of	ity%, SGR							
			Heterotrop	(%);							
			hic and								
			Autotrophi	Water							
			c bacteria,	quality							
			helps in	Paramete							
			assimilatio	r:							
			n of	Plankton,							
			organic	pH, DO _{2,}							
			materials,	Alkalinity,							
			thereby	Hardness							
			reducing								
			the harm-								
			ful effect in								
			the water								
			column as								
			well in the								
			pond								
			bottom								

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	P	No. artici	. of ipant	S					
						S	С	S	Т	Oth	ıer	To	tal	
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training		1	Farmer &farmwomen	1day	off									25
Field day		2	F/FW,VAW,NGO members,krusimitra, Krusaksathietc	2day	off									40

FLD-17 (Fisher) Demonstration on yearlings production

Crop: Fish

Thrust Area:Fish Seed ProductionThematic Area:Production and ManagementSeason:Round the year, 2022-23Farming Situation:

Sl	Crop & variety /	Propo sed	Technolog y package	Paramete r (Data)	Cost of	Cultiva (Rs.)	ation	No	. of farme	rs / demon	stration
Ν	Enterpri	Area	for	in	Name	Dem	Loc	SC	ST	Other	Total

0.	ses	(ha)/U	demonstra	relation	of	0	al	Μ	F	Μ	F	Μ	F	Μ	F	Т
		nit	tion	to	Inputs											
		(No.)		technolog	_											
				У												
				demonstr												
				ated												
1	Fish	2.0 ha	Stocking	Water										10		10
			fry 2	quality												
			lakh/ha,	parameter(
			Fryfed with	pН,												
			de-oiled	alkalinity,												
			rice bran	Plankton												
			(crude	conc.)												
			protein: 12	Avg body												
			to 15	weight,												
			percent)@2	Survivabil												
			% DIOIIIass,	Ity(%),												
			occasional													
			addition of													
			raw rice													
			bran and													
			groundnut													
			oil cake.													
			Proper													
			water													
			quality													
			manageme													
			nt,													
			manuring													
			and													
			fertilization													
			as per the													
			water													
			quality													
1			parameter													

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	P	No. artic	. of ipant	S					
						S	С	S	Т	Otl	ıer	To	tal	
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training		1	Farmer &farmwomen	1day	off									25
Field day		2	F/FW,VAW,NGO members,krusimitra, Krusaksathietc	2day	off									40

FLD-18 (Fisher) Demonstration of $\mathsf{CIFTEQ}^{\mathsf{TM}}$ fish descaling machine

Crop: fish

Thrust Area:Species DiversificationThematic Area:Production and ManagementSeason:Round the year, 2022-23Farming Situation:Rainfed/irrigated/Seasonal Farm Pond

SI ·	Crop & variety /	Propo sed	Technolog v package	Paramete r (Data)	Cost of	Cultiva (Rs.)	ation		No	. of fa	arme	ers / d	lemon	strat	ion	
Ν	Enterpri	Area	for	in	Name	Dem	Loc	S	С	S	Т	Ot	ther	1	Tota	l
0.	ses	(ha)/U	demonstra	relation	of	0	al	Μ	F	Μ	F	Μ	F	Μ	F	Т
		nit	tion	to	Inputs											
		(No.)		technolog												
				У												
				demonstr												
				ated												
1	Fish	2	CIFTEQ TM	% of scale										5	5	10
			Hand	removed,												
			operated /	adaptabilit												
			Motorised	y for												
			fish	different												
			descaling	species,												
			machine	drudgery												
				reduction,												
				Save in												
				time ,												
				Acceptabil												
				ity by the												
				consumer												

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	P	No. artici	. of ipant	S					
						S	С	S	Т	Otl	ıer	To	tal	
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training		1	Farmer &farmwomen	1day	off									25
Field day		2	F/FW,VAW,NGO members,krusimitra, Krusaksathietc	2day	off									40

FLD-19 (Extension) Demonstration of the effectiveness of short technology videos on technology adoption

Crop: Allied fields

Thrust Area: Thematic Area: Season:

Year round (khari/Rabi) 2022-23

SI	Crop & variety /	Propo sed	Technolog y package	Paramete r (Data)	Cost of	Cultiva (Rs.)	ation		No	. of fa	arme	ers / c	lemon	strat	ion	
Ν	Enterpri	Area	for	in	Name	Dem	Loc	S	С	S	Т	Ot	ther	1	Tota	l
0.	ses	(ha)/U	demonstra	relation	of	0	al	Μ	F	Μ	F	Μ	F	Μ	F	Т
		nit	tion	to	Inputs											
		(No.)		technolog												
				У												
				demonstr												
				ated												
1	Allied	-	Preparation	Visually										20	10	30
	fields		of small	engaging/l												
			videos	nformativ												
			(1.5-2.0	e and												
			minutes)	timeliness,												
			on different	Understan												
			activities of	ding the												
			production	method												
			process of	and												
			selected	process												
			commoditi	in the												
			es and the	in the												
			ba sont	Potention												
			through	rotrioval												
			WhatsApp	δr_{P-112P}												
			to the	of the												
			identified	content												
			farmers	content												
			Turners													

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	P	No. artic	. of ipant	S					
						S	С	S	Т	Otl	ner	To	tal	
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training		1	Farmer &farmwomen	1day	off									25
Field day		2	F/FW,VAW,NGO members,krusimitra, Krusaksathietc	2day	off									40

FLD-20 (Extension) Demonstration of usefulness of agricultural calendar in Groundnut production for improving the technical knowledge of farmers

Crop: Groundnut

Thrust Area: Thematic Area:

Season: *Rabi*, 2022-23

Farming Situation: Irrigated, Medium land

Sl	Crop &	Propo	Technolog	Paramete	Cost of	Cultiv	ation		No	. of f	arme	ers / d	lemon	strat	ion	
•	variety /	sed	y package	r (Data)		(Rs.)				-		-		-		
Ν	Enterpri	Area	for	in	Name	Dem	Loc	S	С	S	Т	Ot	her	,	Tota	l
0.	ses	(ha)/U	demonstra	relation	of	0	al	Μ	F	Μ	F	Μ	F	Μ	F	Т
		nit	tion	to	Inputs											
		(No.)		technolog												
				У												
				demonstr												
				ated												
1		-	Supply of	Applicabil										20	10	30
	Groundn		agricultural	ity of												
	ut		calendar	calendar,												
	ut		for	Accessibil												
			improving	ity of												
			groundnut	calendar,												
			production	Knowledg												
			the	e level,												
			technical	change in												
			knowledge	attitude												
			of farmers													

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Р	No. artic	. of ipant	S					
						S	С	S	Т	Ot	her	To	tal	
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training		1	Farmer	1day	off									25
			&larmwomen											
Field		2	F/FW,VAW,NGO	2day	off									40
day			members,											
			krusimitra,											
			Krusaksathi etc											

FLD-21 (Home Sc.) Demonstration on calcium supplementation of poultry for egg laying

Crop: Poultry Thrust Area: Income generation activity Thematic Area: poultry Season Year round 2022-23

Farming Situation: Backyard

				Paramete	Cost of C	ultivatio	n (Rs.)	No.	of far	mer	s / de	mons	stratio	n		
		Propo		r (Data)				SC		ST		Oth	ner	To	otal	
SI	Crop &	sed	Technology	in relation												
•	variety /	Area	package for	to	Name		Loca									
Ν	Enterpr	(ha)/	demonstratio	technolog	of	Demo	l	м	F	м	F	м	Е	м	Е	Т
0.	ises	Unit	n	y	Inputs		-	171	-	171	-	171	•	111		-
		(No.)		demonstr												
				ated												
1	Marigol	1 ha	Feeding of 20	Body wt.											1	10
	d		ml . Calcium	gain at 21	Calcium										0	
			syrup to 100	days,	syrup											
			nos. of birds	1,2,3,4,5,6												
			@5 ml./1lit.	months,												
			of water	age of												
				sexual												
				maturity,												
				Age of 1 st												
				laying,												
				Egg												
				production												
				/annum												1

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	P	No. artic	of ipant	ts T	Ot)er	То	ital	
							C	5	T	0u	ICI	10	lai	
						Μ	F	Μ	F	Μ	F	Μ	F	Τ
Training	Backyard poultry for income generation	1	25	1	Off								25	25

FLD -22(Home Sc.) Demonstration of nutritional garden for Improving Nutritional Security of farm family

Crop: Leafy vegetable, Solanaceous vegetables, Roots and Tubers, cucurbits suiting to consumption pattern + Two Papaya Plants ,one Lemon, one drumstick and two Banana and floriculture in bunds Thrust Area: Nutritional security Thematic Area: Nutritional garden Season: Round the year 2022-23 Farming Situation: Backyard

		Pro pose			Cost of (Rs.)	Culti	vation	No.	of fa	rme	rs / d	lemo	onstra	tio	n	
	Crop &	d	Tashaalaaa	Parameter				SC		ST		Ot	her	To	otal	
51 N D.	variety / Enterp rises	Are a (ha)/ Unit (No.)	package for demonstrat ion	(Data) in relation to technology demonstra ted	Name of Inputs	Dem o	Loca l	М	F	Μ	F	м	F	Μ	F	Т
	Marigol d	0.4 ha	Nutritional garden with Protein, Vitamin & iron rich vegetables and fruits with consumers preference 1. Traillis structure with PP rope for raising cucurbits: 2. Protray for raising seedlings in small quantity + 3. cement ring tank for vermi composting , 2.Growing vegetables round the year covering leafy vegetables	Availabilit y of vegetables (Kg) Consumpti on of Vegetables /head/day	HYV seeds & seeding of vegetable & fruits	5000	3000								2 0	20

FLD -23(Home Sc.) Demonstration on value addition of Ragi (Nutri Ragi mix) to combat malnutrition in children

Crop: Ragi Thrust Area: Nutritional security Thematic Area: Value addition Season: Round the year 2022-23 Farming Situation: Homestead

		Pro pose		Danamatan	Cost of (Rs.)	Culti	vation	No.	of fa	rme	rs / o	lemo	onstra	atio	n	
SI	Crop &	d	Technology	(Data) in				SC		ST	r	Otl	ner	To	otal	
N 0.	variety / Enterp rises	Are a (ha)/ Unit (No.)	package for demonstrat ion	relation to technology demonstra ted	Name of Inputs	Dem o	Loca l	м	F	М	F	М	F	Μ	F	Т
1	Ragi	-	Preparation of Ready to Use Nutri Ragi mix	Change in Body weight	Ragi	6000	-								2 0	20

(Baby Food) Cleaned \rightarrow soaked(12 hours) \rightarrow Ger mination (48hours \rightarrow d ried under shade(24ho urs) \rightarrow millin g \rightarrow sieving \rightarrow mixed with Milk powder (10%) and sugar (20%)	Shelf life(Days), Sensory Evaluation (Colour, Flavour & Taste)						

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	P	No artic	. of ipant	ts					
						S	С	S	Т	Ot	her	Το	otal	
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training	Value addition on ragi	1	25	1	Off								25	25

FLD-24 (Home Sc.) Demonstration on portable brooder to control early mortality in poultry chick

Crop: Poultry Thrust Area: Income generation activity Thematic Area: poultry Season Year round 2022-23

Farming Situation: Backyard

				Paramete	Cost of C	Cost of Cultivation (Rs.)		No. o	of fai	rmer	s / de	mon	stratio	n		
		Propo		r (Data)				SC		ST		Oth	ner	Τα	otal	
SI N 0.	Crop & variety / Enterpr ises	sed Area (ha)/ Unit (No.)	Technology package for demonstratio n	in relation to technolog y demonstr ated	Name of Inputs	Demo	Loca l	М	F	м	F	м	F	М	F	Т
1	Poultry	100 nos	Brooding management for 21 days with floor space of 0.3 sq ft/bird with help of chick guards, artificial heat @ 1-3 watt per chick , feeders and drinkers @ 1 each per 50 chicks, vaccination with against RD on 7 th day, 28 day, IBD on 14 th day . Use of electrolytes, preventive antibiotics during brooding.	Chick mortality rate during brooding period, body weight at 21 days, survivabili ty of birds till start of laying.	Chicks	5000									1 0	10

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	Pa	No. artici	of ipant	S					
						S	С	S	T	Otl	ner	To	tal	
						Μ	F	Μ	F	Μ	F	Μ	F	Т
Training	Backyard poultry for	1	25	1	Off								25	25

income generation							

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

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

Name of the	the Variety / Period Are Deta		Details of Pro	Details of Production							
Crop / Enterprise	Туре	From to	a (ha.)	Type of Produce	Expected Productio n (quintals)	Cost of inputs (Rs.)	Expecte d Gross income (Rs.)	Expecte d Net Income (Rs.)			
Rice	FS	July 2022- Dec. 2022		Seed	150 q	350000.0 0	487500.0 0	137500.0 0			
Tomato	ArkaRaksha k	April 2022 to March 2023		Seedling	100000 no.						
Chilli	Arka harita, Arka meghna	April 2022 to March 2023		Seedling	100000no.						
Brinjal	Swarna Shyamali	April 2022 to March 2023		Seedling	50000						
Onion	Red 3, Bhima Super	Oct 2022 to Feb 2023		Seedling	100000						
Papaya	SapnaF1, Red lady	April 2022 to March 2023		Seedling	5000						
Drumstick	Bhagya PKM-2	April 2022 to March 2023		seedling	5000						
Oters	As per farmers demand	-			10000						

Vermicompos	April 2021	Vermicompo	25quintals	12000	37500	25500
t	to March 2022	st				
Earthworm	April 2021 to March 2022	Eisenia foetida	20kg	1500	10000	6000
Fish	April 2021 to March 2022		2 q	18000	30000	
Ornament al fish	April 2021 to March 2022		5000 pairs	3000	10000	
Yearling	April 2021 to March 2022		5000 nos.		10000	
Paddy straw mushroom and oyster	April 2021 to March 2022		1q		15000	
mushroom						

b) Village Seed Production Programme

Name of the Crop /	Variet	et Period	Are	No. of	Details of Production								
Enterpris e	Туре	From to 	(ha.)	farmer s	Type of Produc e	Expected Production(q)	Cost of input s (Rs.)	Expecte d Gross income (Rs.)	Expecte d Net Income (Rs.)				

6. Extension Activities

Sl.				Fa	rme	ers	Exte	ension Off	icials		Total	
No.	Activities/ Sub-activities	No. of activities proposed	М	F	Т	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
1.	Field Day	20				, í						
2.	KisanMela	02										
3.	KisanGhosthi	-										
4.	Exhibition	04										
5.	Film Show	02										
6.	Method Demonstrations	35										
7.	Farmers Seminar	-										
8.	Workshop	01										
9.	Group meetings	25										
1(Lectures delivered as resource persons	30										
1	Advisory Services	60										
12	Scientific visit to farmers field	150										
13	Farmers visit to KVK	250										
14	Diagnostic visits	50										
1.	Exposure visits	5										
10	Ex-trainees Sammelan	15										
11	Soil health Camp	2										
18	Animal Health Camp	2										
19	Agri mobile clinic	35										
20	Soil test campaigns	02										
2	Farm Science Club Conveners meet	10										
22	Self Help Group Conveners meetings	02										
23	MahilaMandals Conveners meetings	02										
24	Celebration of important days (specify)	20										
25	Sankalp Se Siddhi	3										
20	Swatchta Hi Sewa	5										
27	Mahila Kisan Diwas	01										
28	Any Other (Specify)	08										
	Total											

7. Revolving Fund (in Rs.)

Opening balance of 2021-2022 (As on 01.04.2021)	Amount proposed to be invested during 2022-2023	Expected Return
	300000.00	500000.00

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 (Horticulture)

I.	Season:	Kharif 2022
II.	Title of the OFT:	Assessment of foliar application of growth regulator on chilli
III.	Thematic Area:	Crop management
IV.	Problem diagnosed:	Low yield due to heavy flower drop and poor fruit set.
V.	Important Cause:	Flowerr drop due to hormonal imbalance .
VI.	Production system:	Vegetable-Vegetable cropping system
VII.	Micro farming system:	Rainfed-Medium land. Vegetable- Vegetable cropping system .
VIII.	Technology for Testing:	Foliar application of growth regulator on chilli
IX.	Existing Practice:	No application of growth regulator
X.	Hypothesis:	By foliar application of growth regulator yield will increase
XI.	Objective(s):	To increase yield
XII.	Treatments:	·
	Farmers Practice (FP):	No application of growth regulator
	Technology option-I (TO-I) Technology option-II (TO-II)	Spray of NAA @ 10mg/lit of water Spray of Triacontanol @ 1.25ml/liter
XIII.	Critical Inputs:	Chilli seeds, Triacontanol
XIV.	Unit Size:	1 ha
XV.	No of Replications:	7
XVI.	Unit Cost:	2000
KVII.	Total Cost:	14000
VIII.	Monitoring Indicator:	No. of flowers/plant, No. of fruits /plant, Yield of fruits/plant
XIX.	Source of Technology	TO1: RCER-ICAR, Patna,2013
	(ICAR/ AICRP/ SAU/ Other, please specify):	TO2: OUAT annual report, 2014

OFT -2 : (Horticulture)

I. Season: II. Title of the OFT:	Rabi 2022-23 Assessment of foliar application of biostimulants on growth and flowering of African marigold
III. Thematic Area:	Crop management
IV. Problem diagnosed:	
V. Important Cause:	No use of growth regulator
VI. Production system:	Floriculture -floriculture cropping system
VII. Micro farming system:	Irrigated medium land, floriculture-floriculture cropping system
VIII. Technology for Testing:	TO1 Seaweed extracts contain major and micro nutrients, amino acids, vitamins, cytokinins, auxin and abscisic acid like growth promoting substances and stimulate the growth and yield TO2- Humic acid is a plant growth promoter and increases the availability of nutrients to plants and enhance the flower quality and yield.
IX. Existing Practice:	No application of growth regulator

X.	Hypothesis:	By Foliar application of biostimulants on growth and flowering of African
XI. XIII. XIV. XV. XV. XVI. VIII. XIX.	Objective(s): Treatments: Farmers Practice (FP): Technology option-I (TO-I) Technology option-II (TO-II) Critical Inputs: Unit Size: No of Replications: Unit Cost: Total Cost: Monitoring Indicator: Source of Technology (ICAR/ AICRP/ SAU/ Other,	To increase productivity and to increase shelf life . No application of growth regulator Spray of Seaweed extract @ 1% at 30,45,60 DAT Spray of humic acid @ 0.2 % at 30,45,60 DAT Marigold 1 ha 7 1500 10500 No. of branches per plant, tDays taken for flower bud appearance, No. of flowers per plant, Shelf Life (days) TO1: Annual Report ICAR-DFR 2015-16 TO2: Annual report , TNAU, 2016-17
	please specify):	
C	DFT-3 (Soil Sc.)	
I.	Season:	Kharif 2022
II.	Title of the OFT:	Assessment of integrated nutrient management on growth and yield of papaya
III.	Thematic Area:	INM
IV.	Problem diagnosed:	Low fruit yield due to imbalanced use of nutrients
v.	Important Cause:	Imbalance use of nutrient
VI.	Production system:	vegetable-vegetable cropping system
VII.	Micro farming system:	Kharif, irrigated-medium land.
VIII.	Technology for Testing:	Assessment of integrated nutrient management on growth and yield of papaya
IX.	Existing Practice:	Application of chemical fertilizer NPK (200:200:200 g/plant)+FYM @1kg/plant
X.	Hypothesis:	Application of organic sources of nutrients and biofertilisers enhance fertilizer use efficiency with apart from nutrient supply and availability and helps in maintaining long-term soil fertility and productivity of crops
XI.	Objective (s):	To increase productivity of the Papaya
XII.	Treatments:	
	Farmers Practice (FP):	Application of chemical fertilizer NPK (200:200:200 g/plant)+FYM @1kg/plant

	Technology option-I (TO-I)	Application 300-25-300 g NPK/Plant with micronutrient formulation dose 2g/litre 2 sprays at 15 days interval during 5th month of planting & 1 spray at fruit setting and spray after 12 months of planting	
	Technology option-II (TO-II)	75% RDF + vermi-compost @ 4 t/ha + Azotobacter@4kg/ha + PSM@4 kg/ha	
XIII.	Critical Inputs:	Biofertiliser, Vermicompost	
XIV.	Unit Size:	0.4ha	
XV.	No of Replications:	7	
XVI.	Unit Cost:	3000	
KVII.	Total Cost:	21000	
VIII.	Monitoring Indicator:	Plant height and girth, number of fruits per plant, soil test value (before planting and after harvesting)	
XIX.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	TO ₁ : N.D. University of Agriculture and Technology, Kumarganj, FAIZABAD, 2014 TO ₂ : CSAUAT, Kanpur , 2020	
OFT-4 I.	(Soil Science) Season:	Rabi, 2022-23	
II.	Title of the OFT:	Assessment of integrated nutrient management in betel vine	
III.	Thematic Area:	INM	
IV.	Problem diagnosed:	Poor leaf quality and yield due to improper nutrient management	
v.	Important Cause:	Imbalance nutrient management	
VI.	Production system:	rice-pulse cropping system	
VII.	Micro farming system:	Irrigated, upland (betel vine round the year)	
VIII.	Technology for Testing:	Assessment of integrated nutrient management in betel vine	
IX.	Existing Practice:	Application of N-P ₂ O ₅ -K ₂ O (100:50:50) + Mustard Oil Cake (MOC) @ 3 q /ha	
X.	Hypothesis:	Vermicompost is an excellent nutrient reach organic manure helps in balanced fertilization of betel vine. Biofertlizers supply chemical fertlizers for meeting the integrated nutrient demand of betel vine. They result in	

		increased mineral and water uptake, root development, vegetative growth and nitrogen fixation.	
XI.	Objective(s):	To increase leaf quality and yield	
XII.	Treatments:		
	Farmers Practice (FP):	Application of N-P ₂ O ₅ -K ₂ O (100:50:50) + Mustard Oil Cake (MOC) @ 3 q /ha	
	Technology option-I (TO-I)	STBF (NPK) + MOC @ 1.5 t/ha + Vermicompost (VC) @ 10 t/ha	
	Technology option-II (TO-II)	TBF (50%) +MOC @ 1.5 t/ha + Vermicompost (VC) @ 10 t/ha + consortia of azotobacter, azosprillum and PSB @ 4 kg/ha inoculated to 300kg VC, mixed with 15 kg lime incubated at 30 % moisture for a week and applied in the rhizosphere	
XIII.	Critical Inputs:	Vermicompost, Biofertilisers, Mustard oil cake	
XIV.	Unit Size:	0.4ha	
XV.	No of Replications:	7	
XVI.	Unit Cost:	4000	
KVII.	Total Cost:	28000	
VIII.	Monitoring Indicator:	Yield, B:C ratio	
XIX.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	AICRP on MAP and betel vine, 2012-13	

OFT-5 (Plant Protection)

i.	Season:	Rabi 2022-23		
ii.	Title of the OFT:	Assessment of Die back management in Chilli		
iii.	Thematic Area:	IDM		
iv.	Problem diagnosed:	Low yield due to die back		
v.	Important Cause:	Die back		
vi.	Production system:	Rice-vegetable cropping system		
vii.	Micro farming system:	Irrigated-medium land,		
viii.	Technology for Testing:	TO1: Seed treatment with Vitavax @ 2g/ kg of seed and application of		
		Difenconazole 25% EC @ 500ml/ha, twice from initial disease		
		appearance at 10 days interval		
		TO2:Seed treatment with T.viridae@ 10 gm/ kg of seed and soil		
		application of neem cake @ 2.5 q/ha, installation of yellow sticky trap		
		@50/ha and need base application of Pyraclostrobin 20 %WG @		
		500gm/ha, twice from initial disease appearance at 10 days interval		
ix.	Existing Practice:	Spraying of Carbandazim@ 1kg/ha.		
x.	Hypothesis:	Both the treatment will decrease disease infestation in chilli		

xi. xii.	Objective(s): Treatments:	To reduce the disease infestation and enhance the yield	
	Farmers Practice (FP):	Spraying of Carbandazim@ 1kg/ha.	
	Technology option-I (TO-I):	Seed treatment with Vitavax @ 2g/ kg of seed and application of Difenconazole 25% EC @ 500ml/ha, twice from initial disease appearance at 10 days interval	
	Technology option-II (TO-II): and so on	Seed treatment with <i>T.viridae</i> @ 10 gm/ kg of seed and soil application of neem cake @ 2.5 q/ha, installation of yellow sticky trap @50/ha and need base application of Pyraclostrobin 20 %WG @ 500gm/ha, twice from initial disease appearance at 10 days interval	
xiii. xiv. xv. xvi. xv i. xvii.	Critical Inputs: Unit Size: No of Replications: Unit Cost: Total Cost: Monitoring Indicator:	Vitavax, <i>T.viridae</i> , yellow sticky trap,Difenconazole 25% EC,Pyraclostrobin 20 %WG 1 ha 07 (Sanabiswanathpur,Kutharisingh, Mendhrajpur), 3000 21000 Die back incidence % /m2,Cost of intervention. Additional income over additional investment ,Yield (q/ha), B:C ratio,	
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	OUAT,BBSR.,2015 Cost of intervention. Additional income over additional investment ,Yield (q/ha), B:C ratio	
0	OFT-6 (Plant Protection)		
i.	Season.	Khanif 2022	
ii.	Title of the OFT:	Assessment of YMV management in Papaya	
ii. iii. iv. v. vi. vi . vii. viii.	Title of the OFT: Thematic Area: Problem diagnosed: Important Cause: Production system: Micro farming system: Technology for Testing:	Assessment of YMV management in Papaya IDM Low yield due to leaf curl disease Sucking pest . Vegetable cropping system Irrigated-medium land, TO1: Seed and planting material treatment with thiomethoxam@3gm/kg seed and foliar spraying of thiomethoxam 25% wg @200gm/ha twice at 15 days interval.	
 ii. iii. iv. v. vi. viii. viii. 	Title of the OFT: Thematic Area: Problem diagnosed: Important Cause: Production system: Micro farming system: Technology for Testing: Existing Practice:	Assessment of YMV management in Papaya IDM Low yield due to leaf curl disease Sucking pest . Vegetable cropping system Irrigated-medium land, TO1: Seed and planting material treatment with thiomethoxam@3gm/kg seed and foliar spraying of thiomethoxam 25% wg @200gm/ha twice at 15 days interval. TO2: Seed and planting material treatment with flonicamide 50% wg @3gm/kg seed and foliar spraying of flonicamide 50% wg @3gm/kg seed and foliar spraying of flonicamide 50% wg @3gm/kg interval Spraying of imidaclopride @ 200ml/ha.	
 ii. iii. iv. v. vii. viii. 	Title of the OFT: Thematic Area: Problem diagnosed: Important Cause: Production system: Micro farming system: Technology for Testing: Existing Practice: Hypothesis:	Assessment of YMV management in Papaya IDM Low yield due to leaf curl disease Sucking pest . Vegetable cropping system Irrigated-medium land, TO1: Seed and planting material treatment with thiomethoxam@3gm/kg seed and foliar spraying of thiomethoxam 25% wg @200gm/ha twice at 15 days interval. TO2: Seed and planting material treatment with flonicamide 50% wg @3gm/kg seed and foliar spraying of flonicamide 50% wg @200gm/ha twice at 15 days interval Spraying of imidaclopride @ 200ml/ha. Both the treatment will decrease disease infestation in papaya.	
 ii. iii. iv. v. vii. viii. viii. ix. x. xi. xii. 	Title of the OFT: Thematic Area: Problem diagnosed: Important Cause: Production system: Micro farming system: Technology for Testing: Existing Practice: Hypothesis: Objective(s): Treatments:	 Assessment of YMV management in Papaya IDM Low yield due to leaf curl disease Sucking pest . Vegetable cropping system Irrigated-medium land, TO1: Seed and planting material treatment with thiomethoxam@3gm/kg seed and foliar spraying of thiomethoxam 25% wg @200gm/ha twice at 15 days interval. TO2: Seed and planting material treatment with flonicamide 50% wg @3gm/kg seed and foliar spraying of flonicamide 50% wg @200gm/ha twice at 15 days interval Spraying of imidaclopride @ 200ml/ha. Both the treatment will decrease disease infestation in papaya. To reduce the disease infestation and enhance the yield. 	
 ii. iii. iv. v. vii. viii. ix. x. x. xi. xii. 	Title of the OFT: Thematic Area: Problem diagnosed: Important Cause: Production system: Micro farming system: Technology for Testing: Existing Practice: Hypothesis: Objective(s): Treatments: Farmers Practice (FP):	 Assessment of YMV management in Papaya IDM Low yield due to leaf curl disease Sucking pest . Vegetable cropping system Irrigated-medium land, TO1: Seed and planting material treatment with thiomethoxam@3gm/kg seed and foliar spraying of thiomethoxam 25% wg @200gm/ha twice at 15 days interval. TO2: Seed and planting material treatment with flonicamide 50% wg @3gm/kg seed and foliar spraying of flonicamide 50% wg @200gm/ha twice at 15 days interval Spraying of imidaclopride @ 200ml/ha. Both the treatment will decrease disease infestation in papaya. To reduce the disease infestation and enhance the yield. Spraying of Imidachloprid@ 200ml/ha. 	

Technology option-II (TO-
II): and so on.....Soil application of Neem cake @ 2.5q/ha and foliar application of
Flonicamide 50% WG@ 200gm/ha of water twice at 15 days interval

	xiii. xiv. xv.	Critical Inputs: Unit Size: No of Replications:	Thiomethoxam, flonicamide 1 ha 07 (Kutharisingh, Hinjlicut, Panada),		
xvi. Unit Cost: xvii. Total Cost: xviii Monitoring Indicator:		Unit Cost: Total Cost: Monitoring Indicator:	3000.00 21000.00 No.of affected plant/m2		
			Additional income over additional investment ,Yield (q/ha), B:C ratio		
	xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	OUAT,BBSR.,2017-18 TNAU- Annual Report 2015-16.		
	OFT-	7 Fishery Science			
i. ii. iii. iv.		Season: Title of the OFT: Thematic Area: Problem diagnosed:	Kharif 2022 Assessment of Ivermectin in controlling Argulosis Production and management Frequent occurrence of 'Argulosis' in carp culture ponds		
			Unavailability of suitable recommendations.		
v. vi. vii.		Important Cause: Production system: Micro farming system:	Improper disease control measures Grow-Out carp culture, Modified Extensive system Irrigated/Rain-fed; Extensive		
viii. ix.		Technology for Testing: Existing Practice:	Assessment of Ivermectin in controlling Argulosis Application of synthetic pyrethroids like cypermethrin 10% EC / deltamethrin 2.8% EC		
X.		Hypothesis:	Both the Synthetic Pyrethroids and Avermectin group chemicals/drugs inhibits the growth and brings the mortality of the parasite through disturbance in the CNS, moulting and growth		
xi.		Objective(s):	To find-out the effective chemical/drug in successful control of Parasitic diseases in carps. To establish the effective chemical/drug delivery system. To validate the result in different locations.		
xii.		Treatments:	Application of synthetic pyrathroids like synamothrin 10% EC /		
		Tarmers Fractice (FF).	deltamethrin 2.8% EC		
		Technology option-I (TO-I):	Ivermectin 2% w/w in feed @250 ppm & fed to the fishes for 4-5 days		
xiii. xiv. xv. xvi. xvi i xvii	• i.	Technology option-II (TO-II) Critical Inputs: Unit Size: No of Replications: Unit Cost: Total Cost: Monitoring Indicator:	 Ivermectin 2% w/v in pond water @ 200ml/Acre-m Cypermetrin; Ivermectin 0.4 - 1.0 ha 07 2750 19250 Cost of intervention. Additional income over additional investment, Wind (1 a) P. Servi 		

xix. Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):

CIFA, 2015-16, COF (OUAT)-2018-19

KVK, Bhadrak (OUAT), 2020

OFT-8 Fishery Science

i.	Season:	Kharif 2022
ii.	Title of the OFT:	Assessment of genetically improved Catla spawns for maximizing fry
		production in nursery tanks
iii.	Thematic Area:	Production management
iv.	Problem diagnosed:	Less initial growth rate of Catla spawns in nursery tanks encourages
	5	predation by insects thus leads to poor survival and final low yield of
		fry
		11 y.
v.	Important Cause:	Less growth in stipulated time
vi.	Production system:	Carp Poly culture
vii.	Micro farming system:	Irrigated/Rain-fed Extensive.
::	Tashnalagy for Tasting.	
VIII.	Fruiting Drastian	Normal Catle anony with the litica of Nyrasam Descript
IX.	Existing Fractice:	Normal Calla spawns with traditional Nursery Rearing
х.	Hypothesis:	Selectively bred Catla spawn with higher vigour and survivility
xi.	Objective(s):	Higher growth rate and survival. Stocking density 75lakh/ha. Pond
		basal fertilisation with Organic manure followed by liming and
		feeding with GNOC and DORB.
••		
XII.	Treatments:	
	Farmers Practice (FP):	Normal Catla spawns with traditional Nursery Rearing
	Technology option-I (TO-I):	Normal Catla spawns with BMP
	Technology option-II (TO-II):	Improved Catla Spawn with traditional Nursery Rearing
	Technology option-III (TO-II):	Improved Catla Spawn with BMP
xiii.	Critical Inputs:	Catla Spawn, Feed Ingredients
xiv.	Unit Size:	0.04-0.2 ha
XV.	No of Replications:	05
xvi.	Unit Cost:	4750
xvii.	Total Cost:	22500
xviii.	Monitoring Indicator:	Cost of intervention. Additional income over additional investment,
		Yield (q/ha), B:C ratio
xix.	Source of Technology	ICAR-CIFA – 2015
	(ICAR/ AICRP/ SAU/ Other,	
	please specify):	ICAR-CIFA – 2018

OFT-9 Agriculture Extension

I. Season:

Kharif 2022

II.	Title of the OFT:Assessment of knowledge level of farmers on climate-resilient practic		
III.	Thematic Area:	Knowledge level of farmers	
IV.	Problem diagnosed:	Poor knowledge on climate resilient practices	
V.	Important Cause:	Low yield of rice crop	
VI.	Production system:	Rice-pulses cropping system	
VII.	Micro farming system:	Kharif, rainfed medium land	
VIII.	Technology for Testing:	Knowledge level of farmers on adoption of rice production technologies	
		Interview Schedule: 15 separate questions on climate-resilient practices	
		for rice cultivation using 5 points rating scale	
IX.	Existing Practice:	Cultivation of rice by own knowledge	
Х.	Hypothesis:	To assess the knowledge of farmer on climate resilient practices	
XI.	Objective (s):	To study the knowledge level of farmers	
XII.	Treatments:		
	Farmers Practice (FP):	Cultivation of Rice (Pooja) by conventional method without any resilient	
		practices	
	Technology option-I (TO-I)	Cultivation of Rice with resilience practices including varietal replacement	
		in low land area like Swarna sub-1 with practised only 3 resilience practice	
		(Seed+ Seed treatment +Line transplanting)	
	Technology option-II (TO-II)	Cultivation of crop with integrated resilient practices like Swarna sub-1	
		with practised 6 resilience (Seed+ Seed treatment+ Line transplanting +	
		INM+ Weed management+ Water management)	
XIII.	Critical Inputs:	Interview schedule	
XIV.	Unit Size:	0.4ha or less (each)	
XV.	No of Replications:	30	
XVI.	Unit Cost:	-	
XVII.	Total Cost:	-	
VIII.	Monitoring Indicator:	Knowledge level, Rate of adoption of resilience practices, yield and B: C	
		ratio	
XIX.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	ICAR-NICRA	

OFT-10 Agriculture Extension

I.	Season:	Rabi 20222
II.	Title of the OFT:	Assessment of the performance of FPOs with varied levels of task and commodity to enhance income
III.	Thematic Area:	Integrated Crop Management practices
IV.	Problem diagnosed:	Unorganized farmers fetching low price due to distress sale of farm produce
V.	Important Cause:	Unorganized farmers fetching low price due to distress sale of farm produce

VI. VII.	Production system: Micro farming system:	Vegetable-vegetable-vegetable Vegetable-vegetable-vegetable (Irrigated) Rice-pulses (Rainfed)	
VIII.	Technology for Testing:	performance of FPOs with varied levels of task and commodity to enhance	
IX.	Existing Practice:	Farmers marketing their produce through intermediaries	
Х.	Hypothesis:	The performance of FPOs with varied levels of task and commodity to enhance income of farmers	
XI. XII.	Objective(s): Treatments:	To increase income	
	Farmers Practice (FP):	Farmers marketing their produce through intermediaries	
	Technology option-I (TO-I)	FPO dealing with a single commodity with a single task i.e., Vegetable-Marketing	
	Technology option-II (TO-II)	FPO dealing with multi-commodity with single task i.e., Pulses, Vegetable, Enterprises-Marketing	
	Technology option-III (TO-III)	FPO dealing with multi-commodity with multi-task i.e., Pulses, Crops Vegetable, Enterprises- sorting, grading, packing, value addition, branding, leveling and marketing	
XIII. XIV. XV. XVI. XVII. XVIII.	Critical Inputs: Unit Size: No of Replications: Unit Cost: Total Cost: Monitoring Indicator:	Interview schedule 0.4ha or less (each) 30 - - Total share capital deposited in the bank, No of FIGs, No of members Meeting status, Type of commodity, Volume of commodity Annual turnover, Annual profit	
		Total share capital deposited in the bank, No of FIGs, No of members	
		Meeting status, Type of commodity, Volume of commodity	
		Annual turnover, Annual profit	
XIX.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	FPO NABARD 1017-18	

OFT -11 (Home Sc.)

I. Season: Rabi 2022-23

II. III.	Title of the OFT: Thematic Area:	Assessment of value added products of tomato for income generation Value addition
IV.	Problem diagnosed:	1. Distress sale of tomato and less profit.
		2. Non availability of storage unit
V.	Important Cause:	Distress sale of tomato and less profit.
		Non availability of storage unit
VI.	Production system:	Enterprise development
VII.	Micro farming system:	Homestead
VIII.	Technology for Testing:	T O_1 - It is made from strained tomato juice or pulp and spices, salt, sugar and vinegar, with or without onion and garlic, and contains not less than 12 per cent tomato solids and 25 per cent total solids T O ₂ -Tomatoes dried in cabinet drier @80 ^o C for 10hours (Tomato powder- 5.0g+Onion-0.5g+Corn flour-2 g+Cumin powder-0.5g+pepper-0.3g+salt- 1.5g). Shelf life-6 months. Preparation of tomato powder in solar dryer by slicing of tomato in 5mm thickness, dehydrating in dehydrator for 7-8 hours, grinding and packaging, enhanced self life period upto 6-8 months
IX.	Existing Practice:	Selling of raw tomato
X.	Hypothesis:	By value added products of tomato for income generation of farmers
XI.	Objective(s):	To increase farmers income
XII.	Treatments:	
	Farmers Practice (FP):	Selling of raw tomato
	Technology option-I (TO-I)	Tomato puree: Preparation of tomato concentrate. Cooking tomato juice to desired consistency (36 to 38 bricks) by cold break method, bottling hot by pasteurizing the concentrate in hot water for 20 minutes .
	Technology option-II (TO-II)	Tomato powder: Washing, cutting and drying $@80^{\circ}$ C for 10 hrs. The dehydrated pieces are grinded into powder.
XIII.	Critical Inputs:	Pulp and spices, salt, sugar and vinegar
XIV.	Unit Size:	40 nos bed
XV.	No of Replications:	10
XVI.	Unit Cost:	200/-
XVII.	Total Cost:	2000/-
XVIII.	Monitoring Indicator:	Additional income , Cost of input ,Net profit ,B:C ratio
XIX.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	PAU,2010

OFT-12 (Home Sc.)

i.	Season:	Kharif 2022
ii.	Title of the OFT:	Assessment of packaging practices of paddy straw mushroom (Var. V.
iii.	Thematic Area:	Post harvest management
iv.	Problem diagnosed:	Distress sale and low income due to short shelf life of paddy straw mushroom
v.	Important Cause:	Short shelf life of paddy straw mushroom
vi.	Production system:	Enterprise development
vii.	Micro farming system:	Homestead
viii.	Technology for Testing:	 Fresh mushroom buds washed with potassium metabisulfite (KMS 0.1 % and citric acid) for 10 minutes and allowed to air dry in a muslin cloth for 30 minutes and packed in polypropylene bags punched with 10 holes stored at room temp. Fresh mushroom buds washed with potassium metabisulfite (KMS 0.1 % and citric acid) for 10 minutes and allowed to air dry in a muslin cloth for 30 minutes and packed in paper bags punched with 10 holes (0.5 cm diameter) stored at room temp
ix.	Existing Practice:	Selling of only fresh mushroom
X.	Hypothesis:	Proper packaging will increase shelf life of paddy straw mushroom to 24 to 36 hrs
xi.	Objective (s):	Post harvest management of paddy straw mushroom through packaging will increase return.
xii.	Treatments:	
	Farmers Practice (FP):	No packaging practices adopted by the farmers
	Technology option-I (TO-I)	Fresh Mushrooms buds washed with potassium meta bisulphite (KMS 0.1% and 0.1% citric acid,) for 10 minutes and allowed to air dry on muslin cloth for 30 min and then packed in perforated polypropylene bags punched with 10 holes stored at room temperature
	Technology option-II (TO-II)	Fresh Mushrooms Buds treated with potassium meta bisulphite (KMS 0.1% and 0.1% citric acid,) for 10 minutes and allowed to air dry on muslin cloth for 30 min and then packed in paper Bags punched with 10 holes (0.5 cm diameter) stored at room temperature
xiii.	Critical Inputs:	Packaging materials & chemicals
xiv	Unit Size:	20 nos bed
XV.	No of Replications:	10
xvi.	Unit Cost:	Rs.200

xvii.	Total Cost:	Rs. 2000/-	
xviii.	Monitoring Indicator:	Sensory parameter life)	(colour, texture, taste , consumer preference, shelf
xix.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	ACRIP on mushroom, CTMRT, OUAT, Bhubaneswar,2014	

*Repeat the same format for EACH OFT being proposed.

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

Sl. No.	Name of the project	Fund expected (Rs.)

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

12. Scientific Advisory Committee

Date of SAC meeting held during 2021	Proposed date during 2022
09.02.2021	-

13. Soil and water testing

Details	No. of Samples	No. of Farmers									No. of Villages	No. of SHC
	Samples	SC		ST		Other		Total			-	uisti ibuteu
		Μ	F	Μ	F	Μ	F	Μ	F	Τ		
Soil Samples	500								1	500	20	1500
Water Samples	50									50	10	
Other (Please specify)												
Total	550									550	30	1500

14. Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.)	Expected fund
	up to 31.03.2021	requirement (Rs.)

	during 2022-23	3
Recurring		
i. Pay & allowance	140.00	
ii. Contingency	208.00	
iii. TA	2.00	
iv. HRD		
Non-recurring (specify)		
i. Works (Road, threshing floor, drying	50.00	
yard, vehicle and implement shed,		
irrigation system etc.)		
iv. Furniture & Equipment	10.00	

* 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