

REVISED PROFORMA FOR ACTION PLAN 2024

1. Name of the KVK:

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2. Name of host organization :

Address	Telephone		E mail
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3. Training programme to be organized (April 2024 to March 2025)

(a) Farmers and farmwomen

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants													
						SC		ST		Other		Total							
						M	F	M	F	M	F	M	F	T					
Agronomy																			
Weed management	Weed and nutrient management under direct seeded rice	1	1	Off	June, 24														30
ICM	Integrated crop management in Mustard	1	1	Off	Nov, 24														30
	Sub Total	2	2																60
Soil Science																			
Biofertilizer production	Production technology for raising Azolla nursery	2	2	Off	July, 24														60
Organic farming	Organic rice production	1	1	Off	July, 24														30
Production of organic inputs	Vermicompost production and its uses	3	3	Off	July, Aug, Nov, 24														90
Natural farming	Natural farming practices in vegetable crops	3	3	Off	Oct, 24														90
Nutrient management	Biofertilizer application in vegetable crops	1	1	Off	Dec, 24														30
	Sub Total	10	10																300
Plant Protection																			
IPM	IPM in Coconut	1	1	Off	Sept, 24														30
IPM	IPM in Banana	1	1	Off	Oct, 24														30

Nutrition	measures for common fish diseases																	
Production & Management	Feed and feeding management in composite fish farming	1	1	Off	Aug, 24													30
Production & Management	Fish farming in community ponds	1	1	Off	Sept, 24													30
Production. & Management	Cultural practices of Bhekti in composite fish farming with GIFT tilapia .	1	2	Off	Sept, 24													30
Production & Management	Water quality management in fish farming	1	1	Off	Oct, 24													30
Production & Management	Alternate low cost farm made fish feed for fish farming	1	1	Off	Nov, 24													30
IDM	Culture practices of Amur carp in composite fish farming.	1	1	Off	Nov, 24													30
	Sub Total	9	10															270
Home Science																		
Marigold	Marigold cultivation for income generation of SHGs	1	1	Off	Aug, 2024													30
Mushroom production	Humidity and temperature management in paddy straw mushroom beds	1	1	Off	July 2024													30
Mushroom production	Cultivation practices of paddy straw mushroom by	1	1	Off	July 2024													30

	using loose straw																		
IPDM in mushroom	Disease and pest management in paddy straw mushroom	1	1	Off	Aug 2024														30
Nutritional security	Nutritional garden for nutritional security of farm families	1	1	Off	Sept 2024														30
Income generation	Preparation of moringa powder for income generation of WSG	1	1	Off	Oct, 2024														30
Mushroom production	Cultivation practices of different varieties of oyster mushroom	1	1	Off	Dec, 2024														30
Value addition	Preparation of mushroom soup powder for income generation	1	1	Off	Jan. 2025														30
Value addition	Preparation of jaggery powder and jaggery cube	1	1	off	Feb 2025														30
	Sub Total	9	9																270
Agro-Forestry																			
Production technologies	Silvicultural operations of <i>Mahogany spp.</i>	1	1	Off	June, 24										22	8			30
Production technologies	Cultivation practices of turmeric in the interspaces of <i>Acacia Spp.</i>	1	1	Off	June 24										20	10			30
Bee keeping	Flora management for honeybees	1	2	On	Aug, 24										20	10			30
Production technologies	Management practices of fodder species	1	1	Off	Sept, 24										20	10			30
Integrated Farming Systems	Management practices of Woody perennials in	1	1	Off	Oct 24										15	15			30

	IFS														
Nursery management	Techniques of Teak stumps preparation	1	1	Off	Dec 24								22	8	30
Production technologies	Cultivation practices of turmeric in the interspaces of <i>Acacia Spp.</i>	1	1	Off	Jan 25								20	10	30
	Sub Total	7	8												210
	Grand Total	50	52												1500

(b) Rural youths

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants										
						SC		ST		Other		Total				
						M	F	M	F	M	F	M	F	T		
Soil health management (Soil sc)	Importance of soil testing, method of soil sampling, analysis and interpretation of results	1	2	On	Aug, 24											20
Soil health management (Soil sc)	Practices of natural farming	1	2	On	Aug, 24											20
Production of organic inputs (Soil Sc)	Vermicomposting & vermiwash production	1	3	On	Sept, 24											20
Seed production (Horticulture)	Seed production in vegetable crops	1	3	On	Aug 2024											20
Planting material production (Hort.)	planting material production in horticultural crops	1	3	On	Jan 2024											20
Beekeeping	Seasonal management of honey bees	1	3	On	Nov,24											20

Production & Management (Fishery Sc)	Stocking and nursery pond management for minimizing mortality	1	3	on	July, 24															20	
Production & Management (Fishery Sc)	Biofloc based fish farming	2	6	On	Aug, 24																40
Production & Management (Fishery Sc)	Preparation of low cost balanced feed using available ingredients	1	3	On	Sept, 24																20
Production & Management (Fishery Sc)	Round the year stunted fingerling production	1	3	on	July,24																20
Production & Management (Fishery Sc)	Freshwater pearl farming	1	3	On	June,24																20
Production & Management (Fishery Sc)	Production of dry fish using solar drier	2	6	On	Oct,24																40
Value addition (Home Sc)	Skill training on Preparation of different value added products from ragi	1	3	On	Oct-2024																20
Mushroom production (Home Sc)	Skill training on Mushroom Production	2	6	On	July, Aug, 2024																50
	Total	16	47																		310

(c) Extension functionaries

Thrust area/ Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants															
						SC		ST		Other		Total									
						M	F	M	F	M	F	M	F	T							
Soil health management (Soil Sc)	Nutrient management through Soil Health Card and its interpretation	1	2	On	Jan, 25																20
Production of organic inputs (Soil Sc)	Recycling of farm wastes	1	2	On	Feb, 25																20
Rejuvenation of old orchards	Rejuvenation of old orchards	1	2	On	Sept 2024																20

(Hort.)																	
Protected cultivation technology (Hort.)	Protected cultivation technology	1	2	On	Dec 2024												20
Biopesticides	Use of Botanicals and biopesticides in agricultural crops	1	2	On	Jan,25												15
Production & Management (Fishery sc)	Modern approaches in fish farming techniques	1	1	On	Jan 24												20
Production & Management (Fishery Sc)	BMP in shrimp farming	1	1	On	Jan 24												20
.Nutritional security (Home Sc)	Household food security by Nutritional gardening	1	1	On	Oct 2024												25
Income generation (Home Sc)	Income generation activities for empowerment of WSHG	1	1	on	Nov 2024												25
	Total	9	14														185

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

Farmers and Farm women

Thematic Area	No. of Courses	No. of Participants									Grand Total						
		SC			ST			Other			M	F	T				
		M	F	T	M	F	T	M	F	T							
I. Crop Production																	
Weed Management	1																30
Resource Conservation Technologies																	
Cropping Systems																	
Crop Diversification																	
Integrated Farming																	
Water management																	
Seed production																	
Nursery management																	
Integrated Crop Management	1																30
Fodder production																	
Production of organic inputs																	
Others, (cultivation of crops)																	
TOTAL	2																60

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				
II. Horticulture														
a) Vegetable Crops														
Integrated nutrient management														
Water management														
Enterprise development														
Skill development	1													30
Yield increment	2													60
Production of low volume and high value crops	2													60
Off-season vegetables	1													30
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	6													180
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	1													30
Plant propagation techniques														
Others, if any(INM)														
TOTAL	1													30
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	1													30
Processing and value addition														
Others, if any														
TOTAL														
e) Tuber crops														
Production and Management technology														
Processing and value addition														
Others, if any														
TOTAL														
f) Spices														
Production and Management technology														
Processing and value addition														

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													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL	1												30
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management	1												30
Production and use of organic inputs	3												90
Management of Problematic soils													30
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Biofertilizer production	2												60
Others, if any-Organic farming & natural farming	4												120
TOTAL	10												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-Production & management													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1												30
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													

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						
Value addition	2															60
Income generation activities for empowerment of rural Women	6															180
Location specific drudgery reduction technologies																
Rural Crafts																
Capacity building																
Women and child care																
Others, if any																
TOTAL	9															270
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	4															120
Integrated Disease Management																
Bio-control of pests and diseases	1															30
Production of bio control agents and bio pesticides																
Others, if any																
TOTAL	5															150
VIII. Fisheries																
Integrated fish farming																
Carp breeding and hatchery management																
Carp fry and fingerling rearing	1															30
Composite fish culture & fish disease	3															90
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	3															90
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	1															30
Others, if any-IDM	1															30
TOTAL	9															270
IX. Production of Inputs at site																

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			
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													
XI Agro-forestry													
Production technologies	4												120
Nursery management	1												60
Integrated Farming Systems	1												30
Beekeeping	1												30
TOTAL	7												240
XII. Others (Pl. Specify)													
TOTAL	50												1560

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												50
Bee-keeping	1												20
Integrated farming													
Seed production (Hort.)	1												20
Production of organic inputs	1												20
Soil health management	1												20

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				
Planting material production (Hort.)	1													20
Vermi-culture														
Sericulture														
Protected cultivation of vegetable crops														
Commercial fruit production														
Repair and maintenance of farm machinery and implements														
Nursery Management of Horticulture crops														
Training and pruning of orchards														
Value addition	1													20
Production of quality animal products														
Dairying														
Sheep and goat rearing														
Quail farming														
Piggery														
Rabbit farming														
Poultry production														
Ornamental fisheries														
Para vets														
Para extension workers														
Composite fish culture														
Freshwater prawn culture														
Shrimp farming														
Pearl culture														
Cold water fisheries														
Fish harvest and processing technology	2													40
Fry and fingerling rearing	1													20
Small scale processing														
Post Harvest Technology														
Tailoring and Stitching														
Rural Crafts														
Enterprise development														
Soil sampling & analysis														

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				
ICT application in agriculture														
Year round stunted fingerlings production techniques	1													20
Biofloc fish farming technology	2													40
Low cost farm made feed	1													20
Freshwater pearl farming	1													20
TOTAL	16													330

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 crop management														
Integrated Pest Management														
Integrated Nutrient management														
Rejuvenation of old orchards	1													20
Value addition														
Protected cultivation technology	1													20
Formation and Management of SHGs														
Group Dynamics and farmers organization														
Information networking among farmers														
Capacity building for ICT application														
Care and maintenance of farm machinery and implements														
WTO and IPR issues														
Management in farm animals														
Livestock feed and fodder production														

Household food security	2													40
Women and Child care														
Low cost and nutrient efficient diet designing														
Production and use of organic inputs	2													35
Soil health management	1													20
Gender mainstreaming through SHGs														
Crop intensification														
Recent advances in freshwater aquaculture	1													20
Use of probiotics in BW shrimp farming	1													20
Integrated Pest and Disease Management														
TOTAL	9													185

4. Frontline demonstration to be conducted*

FLD1- Demonstration of drill seeded direct seeded rice-24FAG05(K)

Crop: Rice

Thrust Area: Improvement of productivity of rice

Thematic Area: DSR

Season: Kharif,2024

Farming Situation: Rainfed shallow lowland, rice-fallow

Farmers Practice: Dry seeding of rice @70-80kg/ha, manual broadcast sowing, beaushaning& fertilizer application

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	4 ha	Dry seeding with seed-cum-fertilizer drill, line sowing, seed rate @ 40 kg/ha, fertilizer along with seeding, Bispyribac sodium@250ml/ha at 15-20 DAE	Planting density, EBT/m ² , (q/ha) Net Income (Rs./ha)											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	Weed & nutrient management in DSR	1	F/FW	1	Off							30		30
Field Day	Field day on Drill seeded direct seeded rice	1	F/FW, extension functionaries	1	Off							45	5	50

FLD2: Demonstration of Integrated crop management in mustard-24FAG04(R)

Crop: Mustard

Thrust Area: Enhancement of profitability from mustard cultivation

Thematic Area: ICM

Season: Rabi 2024-25

Farming Situation: Irrigated rice-mustard CS

Farmers Practice: Var. M-27, broadcast sown, imbalanced fertilizer (25-40-15 kg/ha)

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	4 ha	Var. NRCHB 101, line sown with seed-ferti drill, NPK 60-30-30, use of B and S, Neem oil + need based PP measures	Plant density/m ² , no. of silique/plant, no. of seeds/silique, Yield (q/ha), economics											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	Integrated crop management in mustard	1	F/FW	1	Off												30
Field Day	Field day on integrated crop management in mustard	1	F/FW, extension functionaries	1	Off												50

FLD3: Demonstration on Incorporation of organic matter through Azolla in saline affected Rabi rice-23FSS02(R)*

Crop: Rice

Thrust Area: Enhancement of profitability from sunflower cultivation

Thematic Area: Nutrient management

Season: Rabi 2024-25

Farming Situation: Irrigated low land, rice-rice CS

Farmers Practice: NPK dose (60-40-40)

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	0.4 ha	Azolla + 100% STBF(75 % N, 50% P to Azolla and 50 % to rice crop)	No. of tillers, No. of grains/ panicle, pH, E.C., O.C., Yield (q/ha), Net Income (Rs./ha)										13		13

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Integrated nutrient management in rice	1	F/FW	1	Off							24	6	30
Field Day	Field day on Incorporation of organic matter through Azolla in saline affected Rabi rice	1	F/FW, extension functionaries	1	Off							45	5	50

FLD4: Demonstration on INM in Chilli-23FSS08(K)*

Crop: Chilli

Thrust Area: Enhancement of profitability from chilli cultivation

Thematic Area: Integrated Nutrient management

Season: Rabi, 2024-25

Farming Situation: Irrigated medium land

Farmers Practice: Application of NPK::70 :50:30/ha

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration											
					Name of Inputs	Demo	Local	SC		ST		Other		Total					
								M	F	M	F	M	F	M	F	T			
1	Chilli	0.2 ha	Soil application of 75% RDF (NPK:: 110:70:75/ha)+2 5% NPK as biofertilizers (Azosporillum+P SB+K' solubilizing bacteria each @ 2kg/acre) + bio-control agent TrichodermaViridae @ 2kg/acre + Micorrhiza (VAM @ 5kg/acre)	Fruit wt., fruit length, Yield, B:C ratio	Azospirillum, PSB, KSB, TrichodermaViridae, Micorrhiza														13

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	Biofertilizer application in vegetable crops	1	F/FW	1	Off														30
Field Day	Field day on INM in Chilli	1	F/FW,	1	Off														50

FLD6: Demonstration on INM in Onion-23FSS05(R)*

Crop: Onion

Thrust Area: Enhancement of profitability from onion cultivation

Thematic Area: Integrated Nutrient management

Season: Rabi 2024-25

Farming Situation: Irrigated medium land, rice-onion CS

Farmers Practice: NPK dose (70-90-40)

Source: AINP on Soil Biodiversity-Biofertilizers, Deptt. Of Soil Science and Agricultural Chemistry, OUAT, Bhubaneswar(2014), Biofertilizers

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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	Onion	0.2 ha	Application of NPK@120:60:100 Kg/ha, Consortia@ 4 Kg/ha, Borax@ 5 Kg/ha, Zn(10 Kg ZnSO ₄)	Bulb weight, Yield, B:C ratio											15		15

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 biofertilizers in vegetable crops	1	F/FW	1	Off							25	5	30
Field Day	Field day on INM in onion	1	F/FW, extension functionaries	1	Off							45	5	50

FLD7- Demonstration of IPM module for Sunflower-24FPP14(R)

Crop: Sunflower

Thrust Area:

Thematic Area: IPM

Season: Rabi 2024-25

Farming Situation: Irrigated medium land

Farmers Practice: Drenching of catbendazim + mancozeb , Spraying of Lambda cyhalothrin, Cypermethrin

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	Sunflower	1	Spot application of FYM incubated with <i>T. viride</i> + <i>Ps. fluorescens</i> @ 5 kg/ ha at final field preparation + Spot drenching of Tebuconazole @ 500 ml/ha at sowing + Pheromone trap for monitoring of <i>Spodoptera</i> & <i>Helicoverpa</i> at 25 DAS + Alternate need based application of neem oil 1500 ppm @ 1.5 L/ha and Flubendiamide 480 SC @ 150 ml/ha at 30 and 45 DAS respectively + Poison bait placement (10 kg Rice bran + 1 kg jaggery + 200 g Cartap hydrochloride) at 50 DAS Source: OUAT, AR, 2021	PDI (Stem rot, collar rot), % leaf damage by Spodoptera, per cent head damage by Helicoverpa, yield, B:C ratio & Economics	<i>T. viridae</i> , <i>P. fluroscence</i> , Tebuconazole, PT with lure, neem oil, Flubendiamide, rice bran, jiggery, cartap hydrochloride, metlaxyl + mancozeb, Spinosad												10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue	No. of Participants											
						On/Off	SC		ST		Other		Total				
							M	F	M	F	M	F	M	F	T		
Training	IPM on sunflower	1	F/FW	1day	Off												30
Field day	IPM Sunflower	1	F/FW	1day	Off												50

Field Day	Field day	1	F/FW, extension functionaries	1	Off								12	38	50
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FLD 18: Demonstration of installation of fogger in mushroom production unit for humidity management-23FHS21(K)*

Crop: Mushroom

Thrust Area: Income generation

Thematic Area: Mushroom production

Season: Rabi, 2024-25

Farming Situation: Homestead

Farmers Practice: Mushroom production by using bundled paddy straw substrate (3 layer)

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	Mushroom	200 beds	Mushroom production by using bundled paddy straw substrate (3layers) with covering the floor with 2 inch sand in moist condition and hanging of folding type of Gunny bag out side the shade net.	Pin head appearance (days), Average fruit body weight (g, Biological efficiency (%), Net return (RS.) B.C. ratio.															20

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	Training on humidity management in paddy straw mushroom production.	1	FW	1	Off														30
Field day	Field day on humidity management in paddy straw mushroom production.	1	F/FW, Extension personnel	1	Off														50

FLD 19: Demonstration of preparation of malt Ragi powder-23FHS23(R)*

Crop: Ragi

Thrust Area: Income generating activities.

Thematic Area: Value addition

Season: Rabi, 2024 - 25

Farming Situation: Home stead

Farmers Practice: preparation of conventional dishes (jau)

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	Nutritional garden	10 units	Soak ragi and green gram separately in water (12 hrs), sprout ragi (24 hrs) & green gram (12 hrs) at room temperature in moist cloth, dry(50 ° C for 8 hr) the sprouted grains , remove the rootlets , roast the grains, grind to the fine powder keep in air tight bottle.	Sensory Evaluation (0-9) point hedonic scale), Nutritional Profile / 100g, Net return (Rs.) B.C. ratio.														10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants												
						SC		ST		Other		Total						
						M	F	M	F	M	F	M	F	T				
Training	Preparation malt Ragi powder.	1	FW	1	Off													30
Field day	Field day Preparation malt Ragi powder.	1	F/FW, extension functionaries	1	Off													50

FLD 20: Moringa powder-preparation, its packaging and branding for income generation of WSHGs-24FHS17(K/R)

Crop: Moringa

Thrust Area: Income generation of WSHGs

Thematic Area: Value addition

Season: Kharif-2024

Farming Situation: Homestead

Farmers Practice: Low economic activities in backyard garden

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	Moringa - Value addition	10 WSHGs	Growing moringa with high density planting, var. PKM-1, The leaves after harvest to be stripped off the stem, washed and dried under shade/solar drying. The dried leaves to be powdered using grinder and to be packaged in air tight packets	Moringa powder production/SHG , additional net income, storability												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	Preparation of Moringa powder-preparation, its packaging and branding for income generation of WSHGs	1	FW	1	Off												30
Field Day	Field day on Preparation of Moringa powder-preparation, its packaging and branding for income	1	F/FW, extension functionaries	1	Off												50

FLD 21: Demonstration on value added products of oyster mushroom(Soup powder) -24FHS14(R)

Crop: Mushroom

Thrust Area: Income generation

Thematic Area: Value addition

Season: Rabi 2024-25

Farming Situation: Homestead

Farmers Practice: No value addition

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	Mushroom	20	Preparation of Mushroom powder, dehydrated flake, and pickle	Additional net income, B:C ratio	Dried mushroom- 20g Milk													20

			mushroom soup powder.		powder-25g Corn flour-40g Salt-8g Sugar-3g Black peper-2g Oregano-2g												
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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 oyster mushroom	1	FW	1	Off													30
Field day	Field day on Value added products of oyster mushroom	1	F/FW, Extension personnel	1	Off													50

FLD 22: Demonstration of MPT(Mahogany) in unutilized lands-24FAF02(K)

Crop: Mahogany

Thrust Area: Proper utilization of unutilized land by planting Mahogany seedlings

Thematic Area: Production technology.

Season: Kharif, 2024

Farming Situation: Rainfed upland of block plantation of *Mahogany*.

Farmers Practice: New intervention

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	Mahogany	10 demos	Mahogany seedlings to be planted as block plantation in unutilized land	Plant height(cm) DBH(cm)	Mahogany seedlings	10	-												6	4	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants															
						SC		ST		Other		Total									
						M	F	M	F	M	F	M	F	T							
Training	Silvicultural operations of	01	Farmers	1	off														22	8	30

	<i>Acacia spp</i>														
Field day	MPT(Mahogany) in unutilized lands	01	Farmers, Extension functionaries	1	Off								38	12	50

FLD 23: Demonstration on vermicomposting by forest species-24FAF03(K/R)

Crop: Leaves of forest species

Thrust Area: Proper utilization of undecomposed forest plant leaves

Thematic Area: Production technology.

Season: Round the year, 2024

Farming Situation: Rainfed upland.

Farmers Practice: New intervention

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	Vermicomposting	05 demos	Forest tree residues (Dry leaves specially from forest trees are collected and inoculated with earthworm spp. <i>E. foetida</i>)	Quantity of materials used(Kg), Quantity of vermicompost & vermiculture produced (Kg), Cost of production)	Vermiculture Var. <i>Eisenia foetida</i>	05	-									4	1	05

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	Vermicomposting using leaves of forest trees	01	Farmers	1	off											22	8	30
Field day	Vermicomposting by forest species	01	Farmers, Extension functionaries	1	Off											38	12	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 Production	Expected Production (quintals)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Paddy	CR1009 Sub-1		6.0	FS				
	MTU13 18		5.0	FS				
Toria	Sushree		3.0	FS				
Sesamne	Smarak		1.0	FS				
Mushroom Spawn	V. Volvacea P. Sajarcaju Blue Oyster		7000 nos.					
Vermicompost			60.0 q					
Vermiculture	E-foetida		15.0Kg.					
Fry/FL/YL			10000 nos.					
AFL(Minor Carps)			10000					
AFL(GIFT Tilapia)			4000 nos.					
Ornamental Fish			5000 nos.					
Poultry			2000nos					
Duckery			500 nos.					
Vegetables(Tomato,Brinjal,Chilli Cabbage,Couliflower,Knolkhol,Onion,Bittergourd,Elephant & Footyam)	Hybrid/ OPs		1,00,000 nos.					
Papaya	Hybrid/ OPs		5,000 nos					
Drumstick	OP		4000 nos					
Banana Suckers	HYV		500 Nos.					
Forest Saplings(Akasia,Mangium,Mahogany,Aonla,Bamboo & Neem.)	OP		4500 Nos.					

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.)

3. 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	23										1000
2.	KisanMela	3										900
3.	KisanGhoshi	4										40
4.	Exhibition	0										0
5.	Film Show	25										600
6.	Method Demonstrations	8										202
7.	Farmers Seminar	0										0
8.	Workshop	1										30
9.	Group meetings	20										140
10	Lectures delivered as resource persons	12										720
11	Advisory Services	0										0
12	Scientific visit to farmers field	82										875
13	Farmers visit to KVK	0										2500
14	Diagnostic visits	34										430
15	Exposure visits	2										60
16	Ex-trainees Sammelan	0										0
17	Soil health Camp	2										52
18	Animal Health Camp	1										50
19	Agri mobile clinic	0										0
20	Soil test campaigns	1										25
21	Farm Science Club Conveners meet	0										0
22	Self Help Group Conveners meetings	2										60
23	MahilaMandals Conveners meetings	0										0
24	Celebration of important days (specify)	2										60
25	Sankalp Se Siddhi	0										0
26	Swatchta Hi Sewa	0										0
27	Mahila Kisan Diwas	1										50

i.	Season	:	Kharif and Rabi 2024-25
ii.	Title of the OFT	:	Refinement of millet integrated rice based cropping system in Bhadrak
iii.	Thematic Area	:	Crops and cropping system
iv.	Problem diagnosed/Opportunity	:	Low profitability of rice-pulse cropping system and scope for integration of millet
v.	Production system	:	Rice-greengram cropping system
vi.	Micro farming situation	:	Irrigated, medium land
vii.	Technology for Testing	:	
viii.	Existing Practice	:	Rice-pulse cropping system
ix.	Objective(s)	:	i. To inclusion of millet in rice-pulse cropping system ii. To evaluate most profitable millet integrated cropping system
x.	Treatments	:	FP: Rice-pulse TO1: Rice-finger millet TO2: Finger millet-toria - greengram TO3: Early rice-finger millet –greengram
xi.	Critical Inputs	:	Seeds finger millet, toria, greengram, early rice
xii.	Unit Size	:	Plot size: 500m ² each
xiii.	No of Replications	:	7
xiv.	Unit Cost	:	
xv.	Total Cost	:	
xvi.	Monitoring Indicator	:	Grain yield of all crops, system productivity, economics (Cost of cultivation, gross return, net return)
xvii.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	

OFT-3-24OSS01(K)

i.	Season	:	Kharif, 2024-25
ii.	Title of the OFT	:	Assessment of nutrient management options in aromatic rice Var. leelabati in saline soil
iii.	Thematic Area	:	INM
iv.	Problem diagnosed/Opportunity	:	Low yield due to poor nutrient management
v.	Production system	:	Rice-fallow
vi.	Micro farming situation	:	Irrigated low land
vii.	Technology for Testing	:	INM
viii.	Existing Practice	:	NPK @40-20-20 Kg/ha
ix.	Objective(s)	:	To assess the INM in aromatic rice, local var. Leelabati To assess the economics
x.	Treatments	:	FP: Application of NPK @40-20-20 Kg/ha TO ₁ : NPK@80-40-40 Kg/ha TO ₂ : NPK@40-20-20 Kg/ha + FYM@5t/ha+ Consortia@5 Kg/ha
xi.	Critical Inputs	:	Consortia
xii.	Unit Size	:	100 sqm
xiii.	No of Replications	:	7

xiv.	Unit Cost	:	
xv.	Total Cost	:	
xvi.	Monitoring Indicator	:	No. of panicles/plant, No. of grains/panicle, SOC, Yield, Economics
xvii.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	RRTTS, Bhawanipatna, SLRC-proceedings, 2019-20, pp-32

OFT-4-23OPP26(K)

iii.	Season	:	Kharif 2024
ix.	Title of the OFT	:	Assessment of Panama wilt in banana
xx.	Thematic Area	:	IDM
ixi.	Problem diagnosed/Opportunity	:	Low yield due to high infestation of panama wilt in banana
xii.	Production system	:	Horticultural ecosystem
iii.	Micro farming situation	:	Irrigated medium land
iv.	Technology for Testing	:	
xv.	Existing Practice	:	Spraying of Carbendazim and Dimethoate
xvi.	Objective(s)	:	
vii.	Treatments	:	TO1: Planting of disease free suckers+apply lime@40g/pit+ neem cake@250g/pit+vermicompost 500g+soil drenching of 0.2% carbendazim 50WP spolution at 2nd, 4th & 6th months after planting+stem injection of carbendazim 50WP@2-3ml/plant(2g/l solution) at 3rd, 5th & 7 th MAP TO2: Planting of disease free suckers+apply lime@40g/pit+ neem cake@250g/pit+vermicompost 500g+soil drenching of 0.1% (Trifloxystrobin 25WP+Tebuconazole 50WP) solution at 2nd, 4 th & 6th MAP+ stem injection of (Trifloxystrobin 25WP+Tebuconazole 50WP) 2-3ml/plant (1g/l solution) at 3rd, 5th & 7th MAP
iii.	Critical Inputs	:	
ix.	Unit Size	:	
xx.	No of Replications	:	7
ixi.	Unit Cost	:	
xii.	Total Cost	:	
iii.	Monitoring Indicator	:	Yield, % wilting, No. of splits/plant, Net Return, ICBR
iv.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	AICRP on fruits, OUAT, 2019 & NRCB, Tamilnadu, 2018

OFT-5-23OPP27(K)

i.	Season	:	Kharif 2024
ii.	Title of the OFT	:	Assessment of Integrated management practices of spiraling whitefly in coconut
iii.	Thematic Area	:	IPM
iv.	Problem diagnosed/Opportunity	:	Low yield due to high infestation of spiraling whitefly in coconut
v.	Production system	:	Horticultural ecosystem
vi.	Micro farming situation	:	Irrigated medium

			land
vii.	Technology for Testing	:	
viii.	Existing Practice	:	Spraying of Triazophos, imidachloprid
ix.	Objective(s)	:	
x.	Treatments	:	TO1: Wrapping of yellow sticky polythene around the trunk at 1.5m above the ground level+spraying of 1% starch solution+alternatespraying of neem oil 300ppm@5ml/L of water & spiromesifen 240SC@1ml/L of water at 15 days interval TO2: Installation of light traps@2/acre during night hours (7pm to 11pm)+installation of yellow sticky trap 6ft. Fom ground level+spraying of maida flour 250g/10L of water on sooty mould+forcible water spray on under surface of leaves to remove egges, nymphs, pupae & adult flies+alternate spraying of neem oil 300ppm@5ml/L of water @ Diafenthuron 50WP@200g/acre
xi.	Critical Inputs	:	
xii.	Unit Size	:	
xiii.	No of Replications	:	7
xiv.	Unit Cost	:	
xv.	Total Cost	:	
xvi.	Monitoring Indicator	:	Yield, No. of mines/plant, Net Return, ICBR
xvii.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	Source :AICRP,Palms (OUAT) 2020 & TNAU, 2021

OFT-6-24OH005(R)

i.		Season	:	Rabi (2024-25)
ii.	xv.	Title of the OFT	:	Assessment of suitable vegetables in saline affected areas
iii.	xvi.	Thematic Area	:	Yield increment
iv.	vii.	Problem diagnosed/Oppportunity	:	Low yield due to Lack of suitable vegetables for saline soils
v.	iii.	Production system	:	rice-veg /veg -veg /pond dykes
vi.	ix.	Micro farming situation	:	irrigated medium lands
vii.	xl.	Technology for Testing	:	Saline tolerant vegetables
viii.	xli.	Existing Practice	:	Growing of vegetables irrespective of tolerant to salinity
ix.	lii.	Objective(s)	:	To assess and find out suitable vegetables in saline affected areas
x.	liii.	Treatments	:	FP: Growing of Tomato TO1: cluster bean var, Pusa Navbahar TO2: Spinach var, PusaAll green TO3: okra hy kashi shrusti
xi.	liiv.	Critical Inputs	:	Seedlings, PP chemicals, Micro nutrients

xii.	iv.	Unit Size	:	800m ²
xiii.	vi.	No of Replications	:	7
xiv.	vii.	Unit Cost	:	
xv.	iii.	Total Cost	:	Rs15000
xvi.	lix.	Monitoring Indicator	:	
xvii.	i.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	Source: TO1- ICAR CSSRI 2019 TO2- ICAR CSSRI 2019 TO3- krishi icar gov.in portal 2019

OFT-7-24OH001(S)

xviii.	li.	Season	:	Summer (2025)
xix.	lii.	Title of the OFT	:	Assessment of offseason tomato during summer season
xx.	liii.	Thematic Area	:	offseason vegetables
xxi.	liiv.	Problem diagnosed/Oppportunity	:	Low income from tomato grown during the crop season
xxii.	liv.	Production system	:	rice-veg /veg -veg /pond dykes
xxiii.	lvi.	Micro farming situation	:	irrigated medium lands
xxiv.	vii.	Technology for Testing	:	Tomato varieties suitable for summer season
xxv.	iii.	Existing Practice	:	Growing of any available Tomato Hybrid
xxvi.	lix.	Objective(s)	:	To assess and find out suitable summer tomato variety
xxvii.	lx.	Treatments	:	FP: Growing of any available Tomato Hybrid(Rock) TO1: Arka Abhed (high yielding F1hybrid , semi determinate, multiple disease resistance fruits are firm , 90-100g),suitable for summer, kharif,rabi 140-150 days,70-75 t/ha TO2: Arka Rakshak (High yielding F1 hybrid with triple disease resistance , fruits 90-100g 75-80t/ha, suitable round the year TO3: Coriander, Gujrat Dantewada leafy coriander 1, Aug planting TO3: Arka Vikas (purelineselection, suitablefor rainfed and 80-90g, having heat tolerance more than 35..C
xxviii.	lxi.	Critical Inputs	:	Seedlings, PP chemicals, Micro nutrients
xxix.	lxii.	Unit Size	:	800m ²
xxx.	lxiii.	No of Replications	:	7

xxxi.	iv.	Unit Cost	:	
xxxii.	xv.	Total Cost	:	Rs19900
xxxiii.	xvi.	Monitoring Indicator	:	
xxxiv.	vii.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	Source: TO1- iihhr.res.in 2023 TO2- iihhr.res.in 2023 TO3- iihhr.res.in 2023

OFT-8-23OFS04(K)

i.	Season	:	Rabi 2024-25
ii.	Title of the OFT	:	Assessment of growth performance of Sea bass and GIFT Tilapia in polyculture with IMC in shrimp pond
iii.	Thematic Area	:	Production management
iv.	Problem diagnosed/Opportunity	:	Non utilization of shrimp pond after the harvesting (dry phase)
v.	Production system	:	Pond based
vi.	Micro farming situation	:	Irrigated low land low saline
vii.	Technology for Testing	:	Growth performance of Sea bass and GIFT Tilapia in polyculture with IMC in shrimp pond
viii.	Existing Practice	:	Underutilization of shrimp pond after the harvest or IMC only
ix.	Objective(s)	:	To assess the growth performance of Sea bass and GIFT Tilapia in polyculture with IMC in shrimp pond
x.	Treatments	:	FP: Underutilization of shrimp pond after the harvest or IMC only TO1: IMC with additional Stocking of sea bass seed (10%) TO2: IMC with additional Stocking of GIFT Tilapia(10%) TO3: IMC with additional Stocking of sea bass (5%)+ GIFT Tilapia(5%)
xi.	Critical Inputs	:	Sea bass and GIFT Tilapia fingerling
xii.	Unit Size	:	0.4ha
xiii.	No of Replications	:	6
xiv.	Unit Cost	:	
xv.	Total Cost	:	

xvi.	Monitoring Indicator	:	SGR (%) , SR (%) ,Yield(q/ha), B:C
xvii.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	TO1, TO2: CIBA,2017 TO3: KAU, 2016

OFT-9-23OFS03(K)

i.	Season	:	Rabi -2024-25
ii.	Title of the OFT	:	Assessment of growth performance of minor carps in polyculture with IMC
iii.	Thematic Area	:	Production management
iv.	Problem diagnosed/Opportunity	:	Poor growth rate & low market price of compatible minor carps in polyculture
v.	Production system	:	Pond based
vi.	Micro farming situation	:	Irrigated low land
vii.	Technology for Testing	:	Growth performance of minor carps in polyculture with IMC
viii.	Existing Practice	:	IMC only
ix.	Objective(s)	:	To study the growth performance of minor carps in polyculture with IMC
x.	Treatments	:	FP: IMC only TO1: IMC with additional stocking of Kalbasu (<i>Labeo calbasu</i>) TO2: IMC with additional stocking of Java punti (<i>Puntius gonionotus</i>) TO3:IMC with additional stocking of fringe-lipped carp (<i>Labeo fimbriatus</i>) TO4: IMC with additional stocking of Pengba
xi.	Critical Inputs	:	Fingerlings of Kalbasu , Java punti , fringe-lipped carp and of Pengba
xii.	Unit Size	:	0.4ha
xiii.	No of Replications	:	6
xiv.	Unit Cost	:	
xv.	Total Cost	:	
xvi.	Monitoring Indicator	:	SGR (%) , SR (%) ,Yield(q/ha), B:C
xvii.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	TO1, TO2, TO3: CIFA,2016 TO4: CIFA,2020

OFT 10-23OHS01(K)

xxxv.	Season	:	Kharif-2024
xxxvi.	Title of the OFT	:	Refinement of Improved techniques for cultivation of paddy straw mushroom(VolvariellaVolvacea) using crumpled straw.
xxvii.	Thematic Area	:	Income generation
xxviii.	Problem diagnosed	:	Opportunity for productivity enhancement of paddy straw mushroom through different method
xxxix.	Production system	:	Homestead
xl.	Micro farming situation	:	Homestead
xli.	Technology for Testing	:	Circular and rectangular shape of bed preparation by using scrambled straw for better yield
xlii.	Existing Practice	:	. Using 10kg substrate, soaking of straw in 2% of CaCO3 and 200 g pulse powder for preparation of paddy straw mushroom bed.
xliii.	Objective(s)	:	To assess the yield of mushroom in different shapes of beds by using crumpled straw
xliv.	Treatments	:	FP- Using 10kg bundled paddy straw ,soaking of straw in water for 10 hrs in 2% CaCO3 and 2% dry substrate TO1- Square compact bed size (45x 45x45cm mushroom production by using crumpled paddy straw 5 kg, soaking of straw in water for 5 hrs in 2% CaCo3,14-20 age spawn at 2%dry substrate weight and horse gram powder (at 3% dry substrate weight) TO2-Circular Compact bed size (45 cm diameter)Mushroom production by using crumpled paddy straw 5 kg, soaking of straw in water for 5 hrs in 2% CaCo3,14-20 age spawn at 2% of dry substrate weight and horse gram powder (at 3% dry substrate weight)
xlv.	Critical Inputs	:	Polythene, mushroom spawn
xlvi.	Unit Size	:	7
xlvii.	No of Replications	:	7
xlviii.	Unit Cost	:	
xlix.	Total Cost	:	
i.	Monitoring Indicator	:	Pin head appearance (days),Average fruit body,Wt.(g)., Biological efficiency(%).Net return(Rs./bed),B.C. ratio.
ii.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	Department Plant Pathology, TNAU ,Coimbatore2012.

OFT 11-23OHS07(K/R)

i.	Season	:	Rabi, 2024-25
ii.	Title of the OFT	:	Assessment of preparation of Cleaned sugarcane Jaggery
iii.	Thematic Area	:	Value addition
iv.	Problem diagnosed/Opportunity	:	Fetching less market value and consumer acceptance due to black in colour and poor quality of jaggery
v.	Production system	:	Small scale income generation
vi.	Micro farming situation	:	-

vii.	Technology for Testing	:	Organic/vegetative clarificants would be used for better colour
viii.	Existing Practice	:	Farmers using chemical clarificants (Calcium hydroxide) for jaggery in excess results in dark colour and poor market value
ix.	Objective(s)	:	To assess preparation of jaggery powder & cube
x.	Treatments	:	FP: Jaggery semi-liquid (Farmers using chemical clarificants (Calcium hydroxide) for jaggery in excess results in dark colour and poor market value) TO1: Use of Ladies finger stem@ 500ml per 400 liters of cane juice with the addition of Sodium Hydros powder (0.014g/lit.) for jaggery preparation. Source – CFTRI, Mysore,2014 TO2:Use of ground nut pest extract @ 500ml per 400 liters of cane juice with the addition of Sodium Hydros powder (0.014g/lit.) for jaggery preparation. Source – CFTRI, Mysore,2014
xi.	Critical Inputs	:	Ladies finger, groundnut
xii.	Unit Size	:	7
xiii.	No of Replications	:	7
xiv.	Unit Cost	:	100
xv.	Total Cost	:	
xvi.	Monitoring Indicator	:	Sensory evaluation on colour, shelf Life.
xvii.	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)	:	CFTRY, Mysore, Kanrnatak

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

Sl. No.	Name of the project	Fund expected (Rs.)
1	NICRA	800000
2	CSISA	100000

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

- i. Integrated Farming System-2
- ii. Income Generation through floriculture and mushroom-1
- iii. Entrepreneurship through fisheries-2

12. Scientific Advisory Committee

Date of SAC meeting held during 2023-2024	Proposed date during 2024-2025
09.01.24	09.01.24

13. Soil and water testing

Details	No. of	No. of Farmers	No. of Villages	No. of SHC
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	Samples	SC		ST		Other		Total			distributed
		M	F	M	F	M	F	M	F	T	
Soil Samples	1000										
Water Samples	200										
Other (Please specify)											
Total	1200										

14. Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.) up to 31.03.2024	Expected fund requirement (Rs.) during 2024-25
Pay & Allowances		1,60,53,000.00
Traveling allowances		2,25,000.00
A. Recurring Contingencies		
OE		4,50,000.00
Training & Training material		5,00,000.00
FLD		2,00,000.00
OFT		1,50,000.00
SCSP		15,00,000.00
TOTAL (A)		28,00,000.00
B. Non-Recurring Contingencies		
Equipment & Furniture		2,00,000.00
Library		10,000.00
TOTAL (B)		2,10,000.00
Grand Total (A+B)		30,10,000.00

* 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