

Action Plan 2024 – 25

KRISHI VIGYAN KENDRA, SONEPUR



ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

REVISED PROFORMA FOR ACTION PLAN 2022

1. Name of the KVK:

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2.Name of host organization :

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

(a) Farmers and farmwomen

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Month	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Crop Production														
INM	Training on INM for higher yield in groundnut	1	1	Off-campus		-	-	-	-	-	-	-	-	25
INM	Training on Nitrogen management by LCC in Rice	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IWM	Training on mechanical and cultural methods of weed management in rice	1	1	Off-campus		-	-	-	-	-	-	-	-	25
INM	Training on integrated nutrient management in green gram	1	1	Off-campus		-	-	-	-	-	-	-	-	25

ICM	Training on micro nutrient management in lowland rice	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IWM	Training on integrated weed management in groundnut in kharif season.	1	1	Off-campus		-	-	-	-	-	-	-	-	25
ICM	Training on Contingent crop management during untimely rainfall in Rice in kharif season.	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Soil testing	Training on soil testing and use of soil health card	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Ecosystem protection	Training on adverse effect of residue burning and alternative way of rice residue management	1	1	Off-campus		-	-	-	-	-	-	-	-	25
ICM	Training on safe storage and post harvest management of pulses	1	1	Off-campus		-	-	-	-	-	-	-	-	25
WM	Training on types of nozzle, sprayer and spraying techniques of herbicides in Rice	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IWM	Training on IWM in cotton	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IWM	Training on integrated weed management in groundnut in rabi season	1	1	Off-campus		-	-	-	-	-	-	-	-	25
INM	Training on INM for higher yield in	1	1	Off-campus		-	-	-	-	-	-	-	-	25

	groundnut													
Horticulture														
ICM	Improved varieties of onion suitable for kharif season and its cultivation practice	1	1	Off-campus		-	-	-	-	-	-	-	-	25
ICM	Orchard management practice to improve yield in mango	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IDM	Training on package & practice of brinjal & its wilt tolerant Varieties	1	1	Off-campus		-	-	-	-	-	-	-	-	25
INM	Integrated nutrient management in banana cultivation	1	1	Off-campus		-	-	-	-	-	-	-	-	25
INM	Nutrient and fertilizer management in mango	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Special horticultural practice	Grafting technique in vegetable crops to increase disease resistance	1	2	On-campus		-	-	-	-	-	-	-	-	15
ICM	Training on appropriate cultivation practice of Cauliflower in off season	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Nursery raising	Scientific raising of seedling through pro-tray in watermelon	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Special horticultural practices	Roof top gardening of vegetables and flowers	1	1	Off-campus		-	-	-	-	-	-	-	-	25
ICM	Training on improved method of cultivation	1	1	Off-campus		-	-	-	-	-	-	-	-	25

	Guava/Pomegranate													
IWM	Different methods of irrigation and watermanagent in cucurbits	1	1	Off-campus		-	-	-	-	-	-	-	-	25
ICM	Cultivation practice of tissue culture banana	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Plant Protection														
IPM	IPM for Borer management in maize	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IDM	IDM for sheath blight in Rice.	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IPM	Chemical and cultural management of for BPH in paddy	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IPM	Integrated management for Pink Boll Worm and sucking pests in Kharif cotton	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IDM	Integrated management for wilt complex in Brinjal	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IPM	Use of new generation safe pesticides for collar rot management in groundnut	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IDM	Integrated crop management for MYMV in green gram	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IPM	IPM for melon fruit fly in bittergourd	1	1	Off-campus		-	-	-	-	-	-	-	-	25

IPM	IPDM for thrips and purple blotch in onion	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IDM	Management of die back, fruit rot and anthracnose diseases in chilly	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Soil Science														
INM	Training on application of Sulphur and Ca for increasing oil content and pod quality of groundnut	1	1	Off-campus		-	-	-	-	-	-	-	-	25
INM	Training on micronutrient nutrient management in green gram	1	1	Off-campus		-	-	-	-	-	-	-	-	25
INM	Training on deficiency symptoms of micronutrients and their mgmt	1	1	Off-campus		-	-	-	-	-	-	-	-	25
INM	Training on nitrogen management in Rice.	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Production and use of organic inputs	Training on methods of preparation of Vermicompost	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Soil testing	Training on methods of Soil sample collection, processing of soil sample and testing of different nutrient by Mridaparikshyak	1	1	Off-campus		-	-	-	-	-	-	-	-	25

Home Science/Women Empowerment														
Nutritional security	Training on nutritionally rich vegetables and fruits and importance of balance diet	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IGA	Training on different bed types by using crumbled straw for paddy straw mushroom production	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IGA	Training on treatment of substrate for controlling competitive fungus (ink-cap)	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Nutritional security	Training on planning and management of nutritional garden	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Brooding management	Training on Brooding management	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Nutritional security	Training on different nutritional garden structure	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IGA	Training on quality nursery raising in poly tunnel	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Housing management	Training on proper housing management of chicks	1	1	Off-campus		-	-	-	-	-	-	-	-	25

Feed management	Training on low cost feed management of Duck	1	1	Off-campus		-	-	-	-	-	-	-	-	25
IGA	Training on different varieties of oyster mushroom and its scientific production technology	1	1	Off-campus		-	-	-	-	-	-	-	-	25
PHM	Training on post harvest management of mushroom	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Value addition	Training on different value added products from oyster mushroom	1	1	Off-campus		-	-	-	-	-	-	-	-	25
Agricultural extension														
CBD	Training on group leadership and management of SHGs	1	1	Off-campus		-	-	-	-	-	-	-	-	25
CBD	Training on Agro enterprise management among farm women	1	1	Off-campus		-	-	-	-	-	-	-	-	25
CBD	Training on preparation of project proposal for SHGs	1	1	Off-campus		-	-	-	-	-	-	-	-	25
CBD	Training on Market led production initiative for vegetables	1	1	Off-campus		-	-	-	-	-	-	-	-	25

CBD	Training on ITKs in agriculture and its importance	1	1	Off-campus		-	-	-	-	-	-	-	-	25
CBD	Training on role of farmer producer organisation in strenenthing farmers economy	1	1	Off-campus		-	-	-	-	-	-	-	-	25
CBD	Training on different income generating activities for SHG members	1	1	Off-campus		-	-	-	-	-	-	-	-	25
CBD	Training on different Govt. Schemes for SHG groups	1	1	Off-campus		-	-	-	-	-	-	-	-	25
CBD	Training on market behaviour and existing market channel.	1	1	Off-campus		-	-	-	-	-	-	-	-	25
CBD	Training on different available credit institutes	1	1	Off-campus		-	-	-	-	-	-	-	-	25
CBD	Training on proper business plan for FPOs	1	1	Off-campus		-	-	-	-	-	-	-	-	25
CBD	Training on improved Production technology	1	1	Off-campus		-	-	-	-	-	-	-	-	25

(b) Rural youths

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Month	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Crop Production														
Composting method	Training on methods of preparation of organic bio products and different method of composting	1	2	On Campus		-	-	-	-	-	-	-	-	15
Bio-fertilizer	Training on BGA and Azolla cultivation	1	2	On Campus		-	-	-	-	-	-	-	-	15
Horticulture														
Nursery management	Training on Nursery raising techniques in vegetable and fruits	1	2	On Campus		-	-	-	-	-	-	-	-	15
Protected cultivation	Training on Protected cultivation of vegetable and flower crops	1	2	On Campus		-	-	-	-	-	-	-	-	15
Plant Protection														
Biological control	Scientific bio-agent production practices for sustainable agriculture	1	2	On Campus		-	-	-	-	-	-	-	-	15
Safe use of pesticide	Safe and judicious use of pesticides	1	2	On Campus		-	-	-	-	-	-	-	-	15
Home Science/Women Empowerment														

Brooding Management	Training on brooding and rearing management of different poultry breeds in backyard for income generation	1	2	On Campus		-	-	-	-	-	-	-	-	15
Value addition	Training on different value added products from tomato	1	2	On Campus		-	-	-	-	-	-	-	-	15
Agricultural extension														
CBD	Potential entrepreneurial opportunity in livestock system	1	2	On Campus		-	-	-	-	-	-	-	-	15
CBD	Potential entrepreneurial opportunity in Agri-horti system	1	2	On Campus		-	-	-	-	-	-	-	-	15

(c) Extension functionaries

Thrust area/ Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Month	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Crop Production														
Chemical weed management	Different types of new generation herbicide for weed management	1	2	On Campus		-	-	-	-	-	-	-	-	15
Horticulture														

Special horticultural practice	Training on horticultural practices for quality planting material production in fruits and flower crops	1	2	On Campus		-	-	-	-	-	-	-	-	15
Seed production	Seed production techniques of vegetable crops	1	5	On Campus		-	-	-	-	-	-	-	-	15
Plant Protection														
IPM	Modern pest control methods in managing insect pests of major field crops	1	2	On Campus		-	-	-	-	-	-	-	-	15
Home Science/Women Empowerment														
Nutritional security	Low cost and nutrient efficient diet designing	1	2	On Campus		-	-	-	-	-	-	-	-	15
Nutritional security	Planning and layout of nutrition garden and different nutritional garden structure	1	2	On Campus		-	-	-	-	-	-	-	-	15
Agricultural extension														
CBD	Application of new media in extension	1	2	On Campus		-	-	-	-	-	-	-	-	15
CBD	Motivational and communication skills for extension personnel	1	2	On Campus		-	-	-	-	-	-	-	-	15

4. Frontline demonstration to be conducted*

Code- 24FAG07(K)	KVK Sonepur
Title– Demonstration of weed management practices in direct seeded rice	
Details of Technology– FP: Manual weeding at 25 DAS Demo: Pre emergence application of pyrazosulfuron ethyl @200g/ha fb post-emergence Fenoxaprop ethyl + ethoxysulfuron @ 1300 +120ml/ha at 25 DAS Source : Parameters to be recorded– Weed counts/m ² , yield, economics	

Code- 24FAG24(R)	KVK Sonepur
Title– Demonstration on Integrated weed management in mustard	
Details of Technology– FP- Manual weeding Demo- Application of pendimethalin 30 EC @0.75 kg/ha fb application of rice straw mulch at 12 DAS Source : Parameters to be recorded– Weed counts/m ² , yield, economics	

Code- 23FAG02(K)	KVK Sonepur
Title– Demonstration on zinc application in low land rice	
Details of Technology– Demo- STBFR (NPK) + 5t FYM /ha + Zn @ 2.5 kg/ha Source : Parameters to be recorded– Soil available N,P,K, SOC, yield, economics	

Code-23FAG22(R)	KVK Sonepur
Title – Demonstration on INM in greengram	
Details of Technology – Demo - Use of soil test based fertilizers application+ organic integration (FYM @ 5t/ha or vermicompost 2.5t/ha)+ seed inoculation of Rhizobium @1.25kg/25 kg of seed. Source : Parameters to be recorded – No.of pods/plant, grain yield, economics	

Code-24FPP01(K)	KVK - Sonepur
Title –Demonstration on Management of Neck-blast in Rice	
Details of Technology – Seed treatment with (Carboxin 37.5% + Thiram 37.5%) WP @ 2.5 g/kg seed and two sprays of (Trifloxystrobin 25% + Tebuconazole 50% WG) @ 200 g/ha at 15 days interval starting first spray at leaf blast disease appearance Source : OUAT, AR, 2018 Parameters to be recorded –PDI %, Yield,ICBR and farmers’ feedback	

Code-24FPP08(K)	KVK – Sonepur
Title -Demonstration on Integrated Management of Fall Army Worm (FAW) in Maize	
Details of Technology – <ul style="list-style-type: none"> ▪ First Window (seedling to early whorl stage): spray 5% NSKE or Azadirachtin 1500 ppm @ 5 ml/l of water ▪ Second window (mid whorl to late whorl stage): To manage 2nd and 3rd instar larvae at 10-20% damage spray Spinetoram 11.7% SC @ 0.5 ml/l of water ▪ Poison baiting: Poison baiting is recommended for late instar larvae of second window. Keep the mixture of 10 kg rice bran + 2 kg jaggery with 2-3 litres of water for 24 hours to ferment. Add 100g Thiodicarb just half an hour before application in the field. The bait should be applied into the leaf whorl of the plants. ▪ Third Window (8 weeks after emergence to tasseling and post tasseling): Hand picking of the larvae is advisable. Source : ICAR-IIMR, AR, 2019 Parameters to be recorded -No. of larvae/plant, No. of plant infested /m ² , No. of damaged cobs (%),Cost of Intervention, Yield,ICBR and farmers’ feedback.	

Code - 24FPP20(R)	KVK - Sonepur
Title - Demonstration on IPM module for Mealy bug in Okra	
Details of Technology – Removal of grasses from the bunds, removal and destruction of affected plants, spraying of Fenitrothion 50 % EC @1.5 l/ha twice at 10 days interval starting from the pest infestation Source : TNAU, AR, 2021 Parameters to be recorded – No. of colonies/twig, Cost of intervention, Yield,ICBR and farmers’ feedback	

Code-24FPP22(R)	KVK–Sonepur
Title-Demonstration on integrated management of thrips and mite in Chilli	
Details of Technology – Soil application of Neem cake @ 2.5 q/ha, installation of blue sticky traps @ 50 nos/ha at 25 DAT, alternate application of Difenthiuron 50WP @ 625 g/ha and Spiromesifen 240 SC @ 500 ml/ha at 10 days interval starting from 30 DAT Source : OUAT, AR, 2020 Parameters to be recorded -Mean population of mites &thrips/ 3 leaves, Infested plants/10 m ² , Cost of intervention, Yield,ICBR and farmers’ feedback	

Code- 24FEE02(Y)	KVK –Sonepur
Title– Demonstration of usefulness of crop/livestock calendar for improving the technical knowledge of farmers and application of technology	
Details of Technology– FP: Existing print material i.e. text and bulky messages, not season specific and redundant information regarding technology RP: Providing crop calendar with multi colour pictorial, concise and Season specific message, very informative and particular information regarding specific technology for improving the technical know how of farmers Parameters to be recorded– Adoption percentage, constraints	

Code-24FCS11(R)	KVKs- Sonepur
Title-Demonstration of Oyster Mushroom chips for higher income	
Details of Technology - Preparation of Mushroom chips (For preparing mushroom chips, freshly harvested mushrooms are washed and divided into individual mushrooms from the bunch (in the case of oyster mushrooms), and blanched in 2% brine solution. The mushrooms are dipped overnight in a solution of 0.1% of citric acid + 1.5% of NaCl + 0.3% of red chili powder. After draining off the solution, the mushrooms are subjected to drying in a cabinet dryer at 60°C for 8 h. Then it is fried in refined oil and good-quality chips are prepared. After the spices are mixed, the chips are packed in polypropylene packets and sealed (Source- ICAR-DMR,2020) Parameters to be recorded- Shelf life(days), Nutritional profile/100g,Sensory Evaluation (0–9-point hedonic scale), Net Return(Rs.), B:C ratio	
Code-24FCS13 (K)	KVKs- Sonepur
Title-Demonstration on Circular Bed method for Paddy Straw Mushroom cultivation using crumpled straw	
Details of Technology - Circular compact bed size -(45 cm diameter, 45 cm height). Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 3% of dry substrate weight and pulse powder(at 3% dry substrate weight) (Source-Source: Department of Plant Pathology, TNAU Coimbatore,2012) Parameters to be recorded- Pinhead appearance (days), Average fruit body weight (g), Biological efficiency (%) Net Return(Rs.), B:C ratio	
Code-24FCS29 (K/R)	KVKs- Sonepur
Title-Demonstration on Fodder production for feeding management in dairy cows (Hybrid Napier CO4/ Super Napier)	
Details of Technology - Feeding of fodder @10 kg/cow/day, Feeding of dry roughage (6kg) + 2 kg concentrate feed (Source- NDDB,2016) Parameters to be recorded- Yield of fodder (t/ha), SNF% of milk, Milk production(lt/day)	
Code-24FCS30 (K/R)	KVKs- Puri, Balasore, Nayagarh,Sonepur, Mayurbhanj -II(New)
Title- Demonstration on poultry breed OUAT KalingaPallishree in backyard.	
Details of Technology -Rearing of KalingaPallishree chicken breed with proper brooding management for 21 days followed by free range feeding) Source: AICRP, OUAT -2022 Parameters to be recorded- Average Body weight in 6months in (Kg),No. of egg production/year, Age at first laying	

egg(Month)

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field day	Demonstration of weed management practices in direct seeded rice	1	F & FW, RY and Line dept. personnel	1 Day	OFF	-	-	-	-	-	-	-	-	50
Field day	Demonstration on Integrated weed management in mustard	1	F & FW, RY and Line dept. personnel	1 Day	OFF	-	-	-	-	-	-	-	-	50
Field day	Demonstration on zinc application in low land rice	1	F & FW, RY and Line dept. personnel	1 Day	OFF	-	-	-	-	-	-	-	-	50
Field day	Demonstration on INM in greengram	1	F & FW, RY and Line dept. personnel	1 Day	OFF	-	-	-	-	-	-	-	-	50
Field day	Demonstration on Management of Neck-blast in Rice	1	F & FW, RY and Line dept. personnel	1 Day	OFF	-	-	-	-	-	-	-	-	50

Field day	Demonstration on Integrated Management of Fall Army Worm (FAW) in Maize	1	F & FW, RY and Line dept. personnel	1 Day	OFF	-	-	-	-	-	-	-	-	50
Field day	Demonstration on IPM module for Mealy bug in Okra	1	F & FW, RY and Line dept. personnel	1 Day	OFF	-	-	-	-	-	-	-	-	50
Field day	Demonstration on integrated management of thrips and mite in Chilli	1	F & FW, RY and Line dept. personnel	1 Day	OFF	-	-	-	-	-	-	-	-	50
Field day	Demonstration of Oyster Mushroom chips for higher income	1	F & FW, RY and Line dept. personnel	1 Day	OFF	-	-	-	-	-	-	-	-	50
Field day	Demonstration on Circular Bed method for Paddy Straw Mushroom cultivation using crumpled straw	1	F & FW, RY and Line dept. personnel	1 Day	OFF	-	-	-	-	-	-	-	-	50
Field day	Demonstration on Fodder production for feeding management in dairy cows (Hybrid Napier CO4/ Super Napier)	1	F & FW, RY and Line dept. personnel	1 Day	OFF	-	-	-	-	-	-	-	-	50
Field	Demonstration on poultry	1	F & FW, RY and	1 Day	OFF	-	-	-	-	-	-	-	-	50

day	breeds OUAT Kalinga Pallishree in backyard.		Line dept. personnel											
Field day	Demonstration of usefulness of crop/livestock calendar for improving the technical knowledge of farmers and application of technology	1	F & FW, RY and Line dept. personnel	1 Day	OFF	-	-	-	-	-	-	-	-	50

5. 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 Produce	Expected Production (quintals)	Cost of input s (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Paddy	Hasanta	June to October	2.0	FS	90.0		2,92,500.00	
	Kalinga Dhana 1202	June to December	1.0	FS	32.0		1,04,000.00	
	MTU- 1064	June to November	2.0	FS	29.0		94,250.00	
	Nabanna	June to November	0.1	FS	27			
Green gram	IPM-02-14	January to April	2.0	Certified				
Groundnut	Dharani	December to March	0.1	Certified				
Brinjal	Swarna shakti ,Swarna ajay Blue star	June to February	-	Seedling	10,000		15,000	
Chilli	Pusa Sadabahar,	June to February	-	Seedling	10,000		20,000	
Papaya	Red lady, Honey dew, Pusa nanha	June to September	-	Seedling	5,00		7,500	

Drumstick	PKM-1	June to September	-	Seedling	250		3,750	
Onion	Bhima super, Bhima shakti, Agrifound light red	July to august	-	Seedling	10,000		3,000	
Cabbage	Golden acre, Pusa drum head, Pusa mukta	September to December	-	Seedling	12,000		24,000	
Tomato	Arka rakshak, Lakhmi	June to December	-	Seedling	10,000		15,000	
Cauliflower	Pusa meghna, Pusa snow ball	September to December	-	Seedling	12000		24,000	
Broccoli	Lucky F1 Hybrid	September to December	-	Seedling	1000		2,000	
Coloured Capsicum	California wonder, yellow wonder	September to December	-	Seedling	500		2,000	
Knolkhol	White Vienna, purple vienna	September to December	-	Seedling	1500		3000	
Red Cabbage	Namdhari –NS-1460	September to December	-	Seedling	500		1000	
Cherry Tomato	Namdhari, NS-577	September to December	-	Seedling	500		1000	
Lettuce	Batavia lettuce, Butter lettuce	September to December	-	Seedling	500		1000	
Marigold	Ceracole, Pusa narangi gairda	September to December	-	Seedling	4000		8000	
Chrysanthemum	NBRI INDIANA, NBRI KUSUM	September to December	-	Seedling	200		1000	
Rose	Manuparle, Arka sinchana, Arka	September to December	-	Seedling	100		3000	

	sharmeeli							
Mango	Amrapalli, Dasher		-	Sapling	1000		35000	
Paddy straw mushroom spawn	<i>Volvariella volvacea</i> ,	June to September	-	Spawn	1000		18,000	
Oyster mushroom spawn	<i>Pleurotus sajorcaju</i> <i>Pleurotus florida</i> <i>Hypsogaster ulmarius</i>	September to February	-	Spawn	1000		18,000	
Paddy Straw mushroom	<i>Volvariella volvacea</i>	June to September		Mushroom	1.0qtl		15,000	
Oyster mushroom	<i>Pleurotus sajorcaju</i> <i>Pleurotus florida</i> <i>Hypsogaster ulmarius</i>	October- March		Mushroom	1.0qtl		8,000	
Chicks	Vanaraja, Kadaknath , Aseel, RIR,Kaveri	Round the year		Chicks	10,000			
Duckling	Khaki campbell, White pekin	Round the year		Duckling	3,000			
Quail	Japanese Quail	Round the year		Quail	300			
Vermicompost		Round the year		Vermicompost	50qtl		75,000	
Vermiworm		Round the year		Vermiworm	10 kg		5,000	

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.)

6. Extension Activities

Sl. No.	Activities/ Sub-activities	No. of activities proposed	Farmers				Extension Officials			Total		
			M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
1.	Field Day	17	-	-	-	-	-	-	-	-	-	900
2.	KisanMela	1	-	-	-	-	-	-	-	-	-	350
3.	KisanGhoshi	2	-	-	-	-	-	-	-	-	-	30
4.	Exhibition	5	-	-	-	-	-	-	-	-	-	1500
5.	Film Show	5	-	-	-	-	-	-	-	-	-	
6.	Method Demonstrations	10	-	-	-	-	-	-	-	-	-	200
7.	Farmers Seminar	05	-	-	-	-	-	-	-	-	-	275
8.	Workshop	5	-	-	-	-	-	-	-	-	-	
9.	Group meetings	18	-	-	-	-	-	-	-	-	-	180
10.	Lectures delivered as resource persons	22	-	-	-	-	-	-	-	-	-	
11.	Advisory Services	55	-	-	-	-	-	-	-	-	-	10850
12.	Scientific visit to farmers field	300	-	-	-	-	-	-	-	-	-	540
13.	Farmers visit to KVK	2200	-	-	-	-	-	-	-	-	-	2200
14.	Diagnostic visits	45	-	-	-	-	-	-	-	-	-	225
15.	Exposure visits	01	-	-	-	-	-	-	-	-	-	30
16.	Ex-trainees Sammelan	02	-	-	-	-	-	-	-	-	-	50
17.	Soil health Camp	02	-	-	-	-	-	-	-	-	-	
18.	Animal Health Camp	01	-	-	-	-	-	-	-	-	-	

19.	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
20.	Soil test campaigns	01	-	-	-	-	-	-	-	-	-	300
21.	Farm Science Club Conveners meet	12	-	-	-	-	-	-	-	-	-	300
22.	Self Help Group Conveners meetings	04	-	-	-	-	-	-	-	-	-	100
23.	Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
24.	Celebration of important days (specify) World Food day, World soil day, Agricultural education day, Women in agriculture day, Kishan divas	25	-	-	-	-	-	-	-	-	-	1250
25.	Sankalp Se Siddhi	-	-	-	-	-	-	-	-	-	-	-
26.	Swatchta Hi Sewa	05	-	-	-	-	-	-	-	-	-	250
27.	Mahila Kisan Diwas	01	-	-	-	-	-	-	-	-	-	50
28.	Any Other (Specify)	-	-	-	-	-	-	-	-	-	-	-
	Total											

7. Revolving Fund (in Rs.)

Opening balance of 2024-2025 (As on 01.04.2024)	Amount proposed to be invested during 2024-2025	Expected Return
1092930.50	1000000.00	1710000.00

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*

Code- 24OAG05(K)	KVKs- Sonapur
Title- Assessment of non-ragi millet crops for diversification of millet production system	
Details of Technology – FP- Finger millet TO₁ :Little millet TO₂ :Pearl millet TO₃ :Foxtail millet TO₄ :Sorghum Source : IIMR, 2023 Parameters to be recorded- Plant density and yield of individual crops, ragi equivalent yields, economics	

Code- 23OAG03(K)	KVKs- Sonapur,
Title- Assessment of Aromatic rice varieties for higher profitability	
Details of Technology – TO₁ :Rice variety Kalikati TO₂ :Rice variety Gangabali Source : (OUAT,2020) Parameters to be recorded- Organoleptic test, EBT/m ² , No of filled grains/panicle, test weight, yield& economics	

Code- 24OPP01(K)	KVKs- Sonapur
Title- Assessment of different management practices for YSB and Leaf folder in Rice	
Details of Technology - TO1: Foliar spray of Flubendiamide 20% WG @ 125 g/ha at the vegetative phase and at flowering stage Source : Dept. of Ento., OUAT, 2023 TO2: Foliar spray with Tetraniliprole 20SC @ 250 ml/ha at 25, 45 and 65 DAT Source : AICRP on Rice, Chiplima, 2023	

TO3: Soil application twice of (Cartap hydrochloride 7.5% + Emamectin benzoate 0.25% G) @ 7.5 kg/ha at 30 DAT and PI stage
Source : RRTTS, Ranital, OUAT, 2023
Parameters to be recorded-DH, WEH, Leaf folder infestation %, Egg mass/ hill, Yield, ICBR

Code -23OPP06(R)	KVK -Sonepur
Title -Assessment of management practices against pod borer complex in Green gram	
Details of Technology - TO₁: Foliar spray of NSKE 5% at 30 DAS followed by Chlorantraniliprole 18.5 SC @ 200 ml/ha at 45 DAS Source : Dept. of Entomology, OUAT, 2023 TO₂: Foliar spray of NEEM OIL 1500PPM @3ml/lit at 30 days after sowing (DAS) followed by Flubendiamide 39.35% SC 200 ml/ha at 45 DAS Source : OUAT, AR, 2018 Parameters to be recorded —No. of damaged pods/plant, Yield, ICBR	

Code - 24OEE05(K)	KVKs - Sonepur (n=120)
Title - Assessment of effectiveness of various sources of information for pest management in rice	
Details of Technology - FP: Information from fellow farmers TO₁: Information from input dealers (Information to be collected through identified dealers) TO₂ : Technological backstopping from first line extension workers Extension functionaries (Information through AAOs/KS/VAWs) TO₃ : Technological backstopping from Front line extension workers(KVK/RRTTS/SAU/ICAR) Parameters to be recorded Accuracy, timeliness, usability, reliability, accessibility, change in knowledge, skill and attitude	

Code- 24OEE01(R)	KVKs- Sonapur (n=90)
Title- Assessment of point of discontinuance in Rice fallow management	
Details of Technology - FP: Farmers keeping areas fallow after rice cultivation TO₁: Farmers cultivating pulses/oilseeds in fallow areas under any govt. (line dept./KVK) assistance/programme TO₂: Farmers discontinue after discontinuance of govt. assistance Parameters to be recorded Adoption index, Rejection stage in adoption process (A-I-E-T-A-C), Causes of rejection, Extension approach adopted at different stages	

Code-24OCS01(K/R)	KVKs: Sonapur
Title- Assessment of Nutri-garden Models for Household Nutritional Security.	
Details of Technology - TO₁: Rectangular model (VADI model) recommended by SAU,MP (Approx 800sq. ft(28.5x28.0ft dimension) was divided into three rows, up to 19 crops i. e vegetables, fruits, root crops, herbal crops, pulses etc. Source: Gujrat Vidyapith, Krishi Vigyan Kendra,2020 TO₂: Gangama Mandal was developed by the Malpani Trust of Devas(MP) It is a circular garden 30 ft in diameter covering less than 800 sq. ft area including four circles and up to 32 crops. It is a proper combination of short and long-duration vegetables including vine crops and herbal medicinal plants for a small family of five persons Source: Gujrat Vidyapith, Krishi Vigyan Kendra,2020 Parameters to be recorded- Average consumption of vegetables (g/member/day), Nutritional availability/member/day, Average total Production (Kg), Additional Income (Rs.), B: C ratio	
Code-24OCS04(K)	KVKs: Sonapur
Title- Assessment of value-added products from banana for enhancing income of SHGs.	

Details of Technology -

TO₁: Preparation of **Banana fruit bar** –ripe fruit+ homogenization+ pulp preparation+ addition of sugar, pectin and citric acid+ dehydration at 70 °c +set in to sheet and cut in suitable size

(Source: Post Harvest Technology Centre, TNAU, Coimbatore)

TO₂: Preparation of **Banana biscuit**- Banana flour +Maida(60%+30%), addition of sugar, dalda, baking powder, milk powder, and essence+ mixing +preparation of dough+ shaping +baking

(Source: Post Harvest Technology Centre, TNAU, Coimbatore)

Parameters to be recorded-Shelf life(days), Sensory Evaluation (0–9-point hedonic scale), Nutritional profile/100g,Net Return(Rs.), B:C ratio

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.)
01	CFLD	
02		
03		

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

12. Scientific Advisory Committee

Date of SAC meeting held during 2023-24	Proposed date during 2024-25
24.1.24	

13. Soil and water testing

Details	No. of Samples	No. of Farmers									No. of Villages	No. of SHC distributed
		SC		ST		Other		Total				
		M	F	M	F	M	F	M	F	T		
Soil Samples	500	109	22	34	0	308	27	451	49	500	14	500
Water Samples	0	0	0	0	0	0	0	0	0	0	0	0
Other (Please specify)	0	0	0	0	0	0	0	0	0	0	0	0
Total	500	109	22	34	0	308	27	451	49	500	32	500

14. Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.) up to 31.03.2024	Expected fund requirement (Rs.) during 2024-25
i. Pay & allowance		
ii. Contingency		
iii. TA		
iv. HRD		
v. SCSP		
<u>Non-recurring (specify)</u>		
i. Works (Road, threshing floor, drying yard, vehicle and implement shed, irrigation system etc.)		
ii. Furniture & Equipment		
iii. Vehicle and tractor		
iv. Library		
TOTAL		

* Any additional requirement may be suitably justified.

15. Every KVK should bring a brief write-up supported by quality photographs about the technology having wide acceptability among the farming community of the district with factual data