PROFORMA FOR ACTION PLAN 2024-25

1. Name of the KVK: Boudh (Odisha)

Address	Telephone		E mail
At-Paljhar, P.O.-Salunki, Dist-Boudh, Pin-762026	-	-	kvkboudh.ouat@gmail.com kvk.boudh@ouat.ac.in

2.Name of host organization:

Address	Telephone		E mail
	Office	FAX	
Orissa University of Agriculture & Technology, Bhubaneswar-751003	0674-2397970	0674-2397780	http://ouat.nic.in

3.Training programme to be organized (January 2024 to December 2024)

(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
Horticulture	INM in brinjal	01	01	Lambakani	27.05.2024	-	-	-	-	-	-	-	-	30
	Training on physiological disorder of tomato	01	01	Khuntiapada	17.06.2024	-	-	-	-	-	-	-	-	30
	Training of Agro-techniques of kharif onion	01	01	Bandhapathar	06.07.2024	-	-	-	-	-	-	-	-	30
	Weed management in okra	01	01	Chatniakata	10.08.2024	-	-	-	-	-	-	-	-	30
	INM in chilli	01	01	Rampur	09.09.2024	-	-	-	-	-	-	-	-	30
	INM in solanaceous vegetable	01	01	Isirisinga	07.10.2024	-	-	-	-	-	-	-	-	30
	Use of plant growth regulator in vegetable	01	01	Amthapada	02.11.2024	-	-	-	-	-	-	-	-	30
	Agro-tecniques of banana cultivation	01	01	Bandhapathar	14.11.2024	-	-	-	-	-	-	-	-	30
	Water management in fruit crops	01	01	Badhiagaon	04.12.2024	-	-	-	-	-	-	-	-	30
	Package of practices of oilpalm cultivation	01	01	Jubrajpur	23.01.2024	-	-	-	-	-	-	-	-	30
	Off season vegetable cultivation	01	01	Kanakpur	06.01.2025	-	-	-	-	-	-	-	-	30
Plant Protection	Integrated management of BPH/WBPH in Kharif & Rabi Rice	01	01	Isirisinga	17.06.2024	-	-	-	-	-	-	-	-	30
	Integrated BLB disease	01	01	Badhiaga	22.06.2024	-	-	-	-	-	-	-	-	30

	management in paddy			on										
	Integrated fall army worm management in kharif maize	01	01	Khuntiapada	14.07.2024	-	-	-	-	-	-	-	-	30
	Integrated stem borer management in rice	01	01	Rampur	19.07.2024	-	-	-	-	-	-	-	-	30
	Integrated sucking pest management in cotton	01	01	Kanakpur	22.07.2024	-	-	-	-	-	-	-	-	30
	IPM for management of pod borer complex in pigeonpea	01	01	Baghiapada	10.08.2024	-	-	-	-	-	-	-	-	30
	Fusarium wilting management in pigeonpea crop	01	01	Kanakpur	12.08.2024	-	-	-	-	-	-	-	-	30
	Wilting management in brinjal and tomato	01	01	Amthapada	22.08.2024	-	-	-	-	-	-	-	-	30
	Fruit fly management in bitter guard	01	01	Bandhapathar	25.08.2024	-	-	-	-	-	-	-	-	30
	Management of collar rot disease in groundnut	01	01	Polam	14.09.2024	-	-	-	-	-	-	-	-	30
	Integrated foot rot disease management in Rabi rice.	01	01	Kulthakhali	20.09.2024	-	-	-	-	-	-	-	-	30
	Integrated fruit fly management in bitter guard.	01	01	Polam	27.09.2024	-	-	-	-	-	-	-	-	30
	Bee box maintenance in summer and winter season.	01	01	Rampur	20.10.2024	-	-	-	-	-	-	-	-	30
	Different PP chemicals and their formulation and method of use in crops.	01	01	Baghiapada	27.10.2024	-	-	-	-	-	-	-	-	30
	YMV disease management in greengram	01	01	Kulthakhali	17.11.2024	-	-	-	-	-	-	-	-	30
Agril. Extension	Stress management & enhancing work efficiency in agriculture	01	01	Kalapathar	16.06.2024	-	-	-	-	-	-	-	-	30
	Staggered planting methods in tomato to avoid glut in market	01	01	Palaspat	04.07.2024	-	-	-	-	-	-	-	-	30
	Soil sampling methods & nutrient management	01	01	Patalipada	14.07.2024	-	-	-	-	-	-	-	-	30
	Role of farmer producer organization in strengthening farmers economy	01	01	Lundrujhar	02.08.2024	-	-	-	-	-	-	-	-	30
	Group leadership and management of SHGs	01	01	Kanakpur	22.08.2024	-	-	-	-	-	-	-	-	30
	Grading of agricultural	01	01	Saleising	16.06.2024	-	-	-	-	-	-	-	-	30

	produce for marketing and storage													
	Good agricultural practices and enhanced resources use efficiency for doubling farmers income	01	01	Durgaprasad	04.07.2024	-	-	-	-	-	-	-	-	30
	Integrated farming systems an approach for climate change mitigation & natural resources management.	01	01	Badhigaon	14.07.2024	-	-	-	-	-	-	-	-	30
	Agro-enterprise management among farm women	01	01	Gamdisara	02.08.2024	-	-	-	-	-	-	-	-	30
	Post harvest management of Tomato & its value addition	01	01	Khuntiapada	22.08.2024	-	-	-	-	-	-	-	-	30
Home Science	Promotion of inclusive pulses value chains involving women enterprises	01	01	Kanakpur	May-24	-	-	-	-	-	-	-	-	30
	Tuberose cultivation for Income Generation	01	01	Badhiagaon	May-24	-	-	-	-	-	-	-	-	30
	Food supplements for reduction of nutritional disorder	01	01	Rampur	Jul-24	-	-	-	-	-	-	-	-	30
	Ensuring family nutrition security- Towards achieving SDG2	01	01	Kanakpur	Aug-24	-	-	-	-	-	-	-	-	30
	Way forward for promoting women oriented mushroom farming enterprises	01	01	Baghiapada	Sep-24	-	-	-	-	-	-	-	-	30
	Best practices for strengthening family owned business enterprises	01	01	Amthapada	Oct-24	-	-	-	-	-	-	-	-	30
	Value addition & minimizing loss in mushroom farming through post-harvest management practices	01	01	Gamdisara	Nov-24	-	-	-	-	-	-	-	-	30
	Behavior change & communication (BCC)for ensuring hygiene health & sanitation in family & community	01	01	Khuntiapada	Dec-24	-	-	-	-	-	-	-	-	30
	Enterprising Tomato value chain from plough to plate	01	01	Khuntiapada	Dec-24	-	-	-	-	-	-	-	-	30

	Practical proven approaches for drudgery reduction of farm women-tools & technics	01	01	Lambakani	Jan-25	-	-	-	-	-	-	-	-	30
	Promotion of consumer centric value addition & processing of mohua flower	01	01	Kanakpur	May-24	-	-	-	-	-	-	-	-	30

(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**
Horticulture	Protected cultivation of vegetables	01	02	On	24.01.2025	-	-	-	-	-	-	-	-	20
	Postharvest management of vegetables	01	02	On	02.02.2025	-	-	-	-	-	-	-	-	20
Plant Protection	Safe use of PP chemicals and use of different spray equipments	01	02	On	19.12.2024	-	-	-	-	-	-	-	-	20
	Safe application of chemical pesticides in Rabi vegetable crop (Tomato, brinjal, chilli)	01	02	On	27.12.2024	-	-	-	-	-	-	-	-	20
Agril. Extension	Income generation through understanding of marketing strategy and marketing channel	01	02	On	22.11.2024	-	-	-	-	-	-	-	-	20
	Post harvest management and its value addition of oyster mushroom	01	02	On	05.12.2024	-	-	-	-	-	-	-	-	20
Home science	Promotion of successful women owned enterprises involving SHGs	01	02	On	Dec-24	-	-	-	-	-	-	-	-	20
	Incense stick production technology by using locally available ingredients	01	02	On	Jan-25	-	-	-	-	-	-	-	-	20

(c) Extension functionaries

Thrust area/ Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Horticulture	Physiological disorder in vegetable crops	01	01	On	17.02.25	-	-	-	-	-	-	-	-	20
Plant Protection	Package of practices for management of Blast and sheath blight disease in rice during kharif season	01	01	On	10.01.25	-	-	-	-	-	-	-	-	20
	Package of practices for management of important pests in onion and chilli	01	01	On	25.01.25	-	-	-	-	-	-	-	-	20
Agril. Extension	Application of ICT in Agriculture	01	01	On	29.12.24	-	-	-	-	-	-	-	-	20
	Motivational and communication skills for extension personnel	01	01	On	12.01.25	-	-	-	-	-	-	-	-	20
Home Science	Popularization of Ethnoveterinary medicines	01	01	On	Jan-25	-	-	-	-	-	-	-	-	20
	Promotion of women friendly nutrition sensitive agriculture	01	01	On	Feb-25	-	-	-	-	-	-	-	-	20

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

Farmers and Farm women:

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Horticulture													
a) Vegetable Crops													
INM in Brinjal	01	-	-	-	-	-	-	-	-	-	-	-	30
Training on physiological disorder of tomato	01	-	-	-	-	-	-	-	-	-	-	-	30
Training of Agro-techniques of Kharif onion	01	-	-	-	-	-	-	-	-	-	-	-	30
Weed management in okra	01	-	-	-	-	-	-	-	-	-	-	-	30
INM in chilli	01	-	-	-	-	-	-	-	-	-	-	-	30

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
INM in solanaceous vegetable	01	-	-	-	-	-	-	-	-	-	-	-	30
Use of plant growth regulator in vegetable	01	-	-	-	-	-	-	-	-	-	-	-	30
INM in brinjal	01	-	-	-	-	-	-	-	-	-	-	-	30
Training on physiological disorder of tomato	01	-	-	-	-	-	-	-	-	-	-	-	30
Training of Agro-techniques of kharif onion	01	-	-	-	-	-	-	-	-	-	-	-	30
Weed management in okra	01	-	-	-	-	-	-	-	-	-	-	-	30
TOTAL	**11**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**330**
V. Home Science/Women empowerment													
Promotion of inclusive pulses value chains involving women enterprises	01	-	-	-	-	-	-	-	-	-	-	-	30
Tuberose cultivation for Income Generation	01	-	-	-	-	-	-	-	-	-	-	-	30
Food supplements for reduction of nutritional disorder	01	-	-	-	-	-	-	-	-	-	-	-	30
Ensuring family nutrition security-Towards achieving SDG2	01	-	-	-	-	-	-	-	-	-	-	-	30
Way forward for promoting women oriented mushroom farming enterprises	01	-	-	-	-	-	-	-	-	-	-	-	30
Best practices for strengthening family owned business enterprises	01	-	-	-	-	-	-	-	-	-	-	-	30
Value addition & minimizing loss in mushroom farming through post-harvest management practices	01	-	-	-	-	-	-	-	-	-	-	-	30
Behavior change & communication (BCC)for ensuring hygiene health & sanitation in family & community	01	-	-	-	-	-	-	-	-	-	-	-	30
Enterprising Tomato value chain from plough to plate	01	-	-	-	-	-	-	-	-	-	-	-	30
Practical proven approaches for drudgery reduction of farm women-tools & technics	01	-	-	-	-	-	-	-	-	-	-	-	30
Promotion of consumer centric value addition & processing of mohua flower	01	-	-	-	-	-	-	-	-	-	-	-	30
TOTAL	**11**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**330**
VII. Plant Protection													
Integrated management of BPH/WBPH in Kharif & Rabi Rice	1	-	-	-	-	-	-	-	-	-	-	-	30

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated BLB disease management in paddy	1	-	-	-	-	-	-	-	-	-	-	-	30
Integrated fall army worm management in kharif maize	1	-	-	-	-	-	-	-	-	-	-	-	30
Integrated stem borer management in rice	1	-	-	-	-	-	-	-	-	-	-	-	30
Integrated sucking pest management in cotton	1	-	-	-	-	-	-	-	-	-	-	-	30
IPM for management of pod borer complex in pigeonpea	1	-	-	-	-	-	-	-	-	-	-	-	30
Fusarium wilting management in pigeonpea crop	1	-	-	-	-	-	-	-	-	-	-	-	30
Wilting management in brinjal and tomato	1	-	-	-	-	-	-	-	-	-	-	-	30
Fruit fly management in bitter guard	1	-	-	-	-	-	-	-	-	-	-	-	30
Management of collar rot disease in groundnut	1	-	-	-	-	-	-	-	-	-	-	-	30
Integrated foot rot disease management in Rabi rice.	1	-	-	-	-	-	-	-	-	-	-	-	30
Integrated fruit fly management in bitter guard.	1	-	-	-	-	-	-	-	-	-	-	-	30
Bee box maintenance in summer and winter season.	1	-	-	-	-	-	-	-	-	-	-	-	30
Different PP chemicals and their formulation and method of use in crops.	1	-	-	-	-	-	-	-	-	-	-	-	30
YMV disease management in greengram	1	-	-	-	-	-	-	-	-	-	-	-	30
TOTAL	**15**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**450**
VIII. Agril. Extension													
Stress management & enhancing work efficiency in agriculture	1	-	-	-	-	-	-	-	-	-	-	-	30
Staggered planting methods in tomato to avoid glut in market	1	-	-	-	-	-	-	-	-	-	-	-	30
Soil sampling methods & nutrient management	1	-	-	-	-	-	-	-	-	-	-	-	30
Role of farmer producer organization in strengthening farmers economy	1	-	-	-	-	-	-	-	-	-	-	-	30
Group leadership and management of SHGs	1	-	-	-	-	-	-	-	-	-	-	-	30
Grading of agricultural produce for marketing and storage	1	-	-	-	-	-	-	-	-	-	-	-	30
Good agricultural practices and enhanced resources use efficiency for	1	-	-	-	-	-	-	-	-	-	-	-	30

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
doubling farmers income													
Integrated farming systems an approach for climate change mitigation & natural resources management.	1	-	-	-	-	-	-	-	-	-	-	-	30
Agro-enterprise management among farm women	1	-	-	-	-	-	-	-	-	-	-	-	30
Post harvest management of Tomato & its value addition	1	-	-	-	-	-	-	-	-	-	-	-	30
TOTAL	**10**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**300**

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
Protected cultivation of vegetables	01	-	-	-	-	-	-	-	-	-	-	-	20
Postharvest management of vegetables	01	-	-	-	-	-	-	-	-	-	-	-	20
Safe use of PP chemicals and use of different spray equipments	01	-	-	-	-	-	-	-	-	-	-	-	20
Safe application of chemical pesticides in Rabi vegetable crop (Tomato, brinjal, chilli)	01	-	-	-	-	-	-	-	-	-	-	-	20
Income generation through understanding of marketing strategy and marketing channel	01	-	-	-	-	-	-	-	-	-	-	-	20
Post harvest management and its value addition of oyster mushroom	01	-	-	-	-	-	-	-	-	-	-	-	20
Promotion of successful women owned enterprises involving SHGs	01	-	-	-	-	-	-	-	-	-	-	-	20
Incense stick production technology	01	-	-	-	-	-	-	-	-	-	-	-	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
by using locally available ingredients													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
TOTAL	**08**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**160**

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
Physiological disorder in vegetable crops	01	-	-	-	-	-	-	-	-	-	-	-	15
Package of practices for management of Blast and sheath blight disease in rice during kharif season	01	-	-	-	-	-	-	-	-	-	-	-	15

Package of practices for management of important pests in onion and chilli	01	-	-	-	-	-	-	-	-	-	-	-	15
Application of ICT in Agriculture	01	-	-	-	-	-	-	-	-	-	-	-	15
Motivational and communication skills for extension personnel	01	-	-	-	-	-	-	-	-	-	-	-	15
Popularization of Ethnoveterinary medicines	01	-	-	-	-	-	-	-	-	-	-	-	15
Promotion of women friendly nutrition sensitive agriculture	01	-	-	-	-	-	-	-	-	-	-	-	15
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
TOTAL	**07**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**105**

1. **Frontline demonstration to be conducted***
   Crop: Pointed gourd
   Thrust Area: Vegetable Production
   Thematic Area: Integrated Nutrient Management
   Season: Rabi- 2024-25
   Farming Situation: Rainfed Upland

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Pointed gourd	0.5	Bio-inoculation with Azotobacter+ Azospirillum+ PSB(1:1:1) with NPK & organics is recommended for achieving higher yield for pointed gourd	No of fruits/plant & Yield	Azotobacter, Azospirillum, PSB	-	-	-	-	-	-	-	-	-	-	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Use of plant growth regulator in vegetable	01	F/FW	01	On	-	-	-	-	-	-	-	-	30

2. **Frontline demonstration to be conducted***
Crop: Onion
Thrust Area: Vegetable Production
Thematic Area: Integrated Nutrient Management
Season: Rabi- 2024-25
Farming Situation: Rainfed Upland

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Onion	0.5	Application of 110:40:60:40 kg NPKS per ha along with soil and foliar application of Znso4 result in higher yield in onion	Bulb diameters, Skin colour, Bulb weight Yield Sprouting (%) at June and July	NPKS, Znso4	-	-	-	-	-	-	-	-	-	-	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	Training of Agro-techniques of kharif onion	01	F/FW	01	On	-	-	-	-	-	-	-	-	30

3. **Frontline demonstration to be conducted***
Crop: Okra
Thrust Area: Vegetable Production
Thematic Area: Varietal Trial
Season: Rabi- 2024-25
Farming Situation: Irrigated Medium Land

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Okra	0.5	Medium tall plants, dark green fruits 11-14 cm long, First flowering on 41 days after sowing, resistant to YVMV and OLECV, yield 150 - 160 q/ha in 45 to 100 days	Fruit length(cm), Fruit of pods/plant, Yield(q/ha), B:C ratio	Hybrid Seed	-	-	-	-	-	-	-	-	-	-	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 management in okra	01	F/FW	01	On	-	-	-	-	-	-	-	-	30

4. **Frontline demonstration to be conducted***
Crop: Chrysanthemum
Thrust Area: Flower Cultivation
Thematic Area: Varietal Evaluation
Season: Rabi- 2024-25
Farming Situation: Irrigated Medium Land.

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Chrysanthemum	0.5	Chrysanthemum variety Bidhan Jayanti is yellow in colour used as loose flower, 680gm yellow flower /plant	No.of Flower/plant, Yield q/ha, Plant Height, Flower weight, Size of flower	Variety : Bidhan Jayanti	-	-	-	-	-	-	-	-	-	-	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	Package of practices of oilpalm cultivation	01	F/FW	01	On	-	-	-	-	-	-	-	-	30

5. Frontline demonstration to be conducted*

Title: Demonstration on management of Powdery mildew disease in Greengram
Crop: Greengram
Thrust Area: Integrated Disease management in Greengram
Thematic Area: Integrated Disease Management
Season: Rabi- 2024-25
Farming Situation: Irrigated Medium Land

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Disease management in Greengram	1.0 ha	Application of combine fungicide thrice with (Trifloxystrobin + Tebuconazole) @ 0.5 g/l thrice at 10 days interval after disease initiation.	PDI (%), % of disease infestation, Cost of intervention, Yield, ICBR and farmers' feedback.	Trifloxystrobin+Tebuconazole	-	-	-	-	-	-	-	-	-	-	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 Powdery mildew disease in Greengram	01	F/FW	01	On	-	-	-	-	-	-	-	-	30

6. **Frontline demonstration to be conducted***
Title: Demonstration on management of sucking pests in Cotton
Crop: Cotton
Thrust Area: Sucking Pest Management in cotton
Thematic Area: Integrated Pest management
Season: Kharif -2024
Farming Situation: Rainfed /upland

Sl. No	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Sucking pests in Cotton	2.0 ha	Planting of maize as border crop, intercropping with cowpea @ 8:2, spraying with Azadirachtin 1500 ppm @ 1.5 l/ha twice at 30 & 45 DAS, application of Flonicamid 50WG @ 175 g/ha twice at 30 and 40 DAS	No of aphid, white flies, thrips&jassids per 3 leaves, % of sucking pests infestation, Cost of intervention, Yield, ICBR and farmers' feedback	Azadirachtin, Flonicamid	-	-	-	-	-	-	-	-	-	-	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 sucking pest management in cotton	01	F/FW	01	On	-	-	-	-	-	-	-	-	30

7. **Frontline demonstration to be conducted***

Title: Demonstration on management of major sucking pests in Chilli
Crop: Chilli
Thrust Area: Sucking pest management in chilli
Thematic Area: Integrated Pest Management
Season: Rabi-2024-25
Farming Situation: Irrigated Medium land

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Demonstration on management of major sucking pests in chilli	1.0	Seed treatment with Imidachloprid 600 FS @ 5 ml/kg seed and foliar spraying of Spiromesifen 22.9% SC @ 500 ml/ha of water twice at 30 and 45 DAT	No. of white flies, jassids & thrips/leaf, % of infestation, Cost of Intervention, Yield, ICBR and farmers' feedback.	Imidachloprid, Foliar spraying, spiromesifen	-	-	-	-	-	-	-	-	-	-	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	Safe & judicious application of chemical pesticides in Rabi vegetable crop (Tomato, brinjal, chilli)	01	F/FW	01	On	-	-	-	-	-	-	-	-	30

8. **Frontline demonstration to be conducted***

Title: Demonstration on IDM practices for viral disease management in Watermelon
Crop: Watermelon
Thrust Area: Disease management in Watermelon
Thematic Area: Integrated Disease Management
Season: Rabi- 2024-25
Farming Situation: Irrigated Medium Land

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Watermelon	2.0	Rotational spraying of Spinetoram 11.7 SC @1.0 ml/l, Acetamiprid 20 SP @ 0.5 g/l, Fipronil 5% SC @ 1.5 ml/l and Alpha cyhalothrin @ 1.0 ml/l at weekly intervals starting from 20 DAG and growing maize as border crop	PDI (%), Cost of intervention, Yield,ICBR and farmers' feedback	Spinetoram, Acetamiprid, Fipronil, cyhalothrin	-	-	-	-	-	-	-	-	-	-	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 Pest & Disease Management in watermelon	01	F/FW	01	On	-	-	-	-	-	-	-	-	30

9. **Frontline demonstration to be conducted***

Title: Demonstration of Oyster Mushroom chips for higher income
Crop: Mushroom
Thrust Area: Poor income of farm women
Thematic Area: Income Generation
Season: Year-round
Farming Situation: Homestead

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Demonstration of Oyster Mushroom chips for higher income	10 nos	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	Shelf life(days), Nutritional profile/100 g,Sensory Evaluation (0–9-point hedonic scale), Net Return(Rs.) , B:C ratio	Oyster Mushroom	-	-	-	-	-	-	-	-	-	-	10

			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 60ºC 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													

Extension and Training activities under FLD:

Activity	**Title of Activity**	**No.**	**Clientele**	**Duration**	**Venue On/Off**	**No. of Participants**								
						SC		**ST**		**Other**		**Total**		
						M	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**T**
Training	Value addition & minimizing loss in mushroom farming through post-harvest management practices .	01	F/FW	01	On	-	-	-	-	-	-	-	-	30

10. Frontline demonstration to be conducted*

Title: Demonstration of adoption rate of Bio fertified Sweet potato var. Bhu Sona for nutrition security of farm families.
Crop: Sweet Potato var. Bhu Sona
Thrust Area: Malnutrition
Thematic Area: Nutrition Security
Season: Kharif- 2024
Farming Situation: Rainfed, Medium land

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Sweet Potato var. Bhu Sona	0.4	Cultivation of Sweet Potato var. Bhu Sona for nutrition security (Vine cuttings 80,000/ha Spacing 60 cm X 20cm NPK 40:80:120 Kg/ha	Yield (q/ha), Net income, BC ratio, Sensor evaluation	Sweet Potato var. Bhu Sona	-	-	-	-	-	-	-	-	-	-	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	Ensuring family nutrition security- Towards achieving SDG2	01	F/FW	01	On	-	-	-	-	-	-	-	-	30

11. Frontline demonstration to be conducted*

Title: Demonstration of tuberose cultivation for income generation of farm women
Crop: Tuberose
Thrust Area: Poor income farm women
Thematic Area: Income Generation
Season: Rabi-2024-25
Farming Situation: Homestead

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Tuberose, Prajwal	0.4	Cultivation of variety Prajwal with spacing 30cm x 20 cm, NPK: 200:200:200 kg/ha.	Yield(q/ha), No of flowers/plant, Net Income, BC ratio	Tuberose bulb	-	-	-	-	-	-	-	-	-	-	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	Tuberose cultivation for Income Generation	01	F/FW	01	Off	-	-	-	-	-	-	-	-	30

12. Frontline demonstration to be conducted*

Title: Demonstration of finger millet thresher cum pearler for comfort elevation of farm women
Crop: Ragi
Thrust Area: Post harvest Management
Thematic Area: Farm mechanization/Drudgery reduction
Season: Kharif- 2024
Farming Situation: Rainfed Medium Land

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Ragi thresher cum pearler	10 Nos	Threshing by Ragi thresher 1hp single motor, capacity- 90 kg/hr.	Quality of grain, threshing efficiency, Output, heart rate, Yield, Net Income, B:C ratio.	Ragi thresher 1hp single motor	-	-	-	-	-	-	-	-	-	-	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	Practical proven approaches for drudgery reduction of farm women- tools & technics	01	F/FW	01	Off	-	-	-	-	-	-	-	-	30

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

Name of the Crop / Enterprise	Variety / Type	Period From…… to ……..	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (quintals)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Brinjal	JK8031,Srutigold	June- March	0.008	Bulk	2.0 qt	1040	2000	960
Tomato	Laxmi, Asutosh	June- March	0.008	Bulk	2.5 qt	1080	2500	1420
Chilli	Krishna, Arka sanvi,Arka Tanvi	Oct-Mar	0.004	Bulk	60 kg	480	1500	1020
Cabbage	Harekrishna , Blue diamond	Oct-Mar	0.004	Bulk	80 kg	320	1600	1280
Cauliflower	Barkha, Megha	Oct-Mar	0.004	Bulk	90 kg	360	1800	1440
Onion	NHRDF Red-3 & 4	Sep-Feb	0.008	Bulk	3.0 qt	800	3000	2200
Drumstick	PKM-1	Jul-Oct	-	Bulk	1000 Nos	1000	10,000	9,000
Mango	Amarapali	Jul-Mar	-	Bulk	100 Nos	1000	3500	2,500
Papaya	Red lady	Jul-Nov	-	Bulk	1000 Nos	4000	20,000	16,000
Other materials	Vermi-compost	Year Round	-	Bulk	25 qts	10,000	25,000	15,000
Poultry Chicks	Banaraja, Sonali	Oct-Feb	-	Bulk	600 Nos	17,000	30,000	13,000
Mushroom	Paddy Straw & Oyster	Jun-Feb	-	Bulk	2.0 qt	10,000	20,000	10,000

b) Village Seed Production Programme: NA

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	10	-	-	-	-	-	-	-	-	-	500
2.	KisanMela	06	-	-	-	-	-	-	-	-	-	600
3.	KisanGhosthi	03	-	-	-	-	-	-	-	-	-	150
4.	Exhibition	04	-	-	-	-	-	-	-	-	-	200
5.	Film Show	25	-	-	-	-	-	-	-	-	-	625
6.	Method Demonstrations	10	-	-	-	-	-	-	-	-	-	250
7.	Farmers Seminar	5	-	-	-	-	-	-	-	-	-	125
8.	Workshop	02	-	-	-	-	-	-	-	-	-	200
9.	Group meetings	15	-	-	-	-	-	-	-	-	-	375
10.	Lectures delivered as resource persons	20	-	-	-	-	-	-	-	-	-	600
11.	Advisory Services	5	-	-	-	-	-	-	-	-	-	500
12.	Scientific visit to farmers field	200	-	-	-	-	-	-	-	-	-	200
13.	Farmers visit to KVK	350	-	-	-	-	-	-	-	-	-	350
14.	Diagnostic visits	80	-	-	-	-	-	-	-	-	-	80
15.	Exposure visits	03	-	-	-	-	-	-	-	-	-	75
16.	Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	-
17.	Soil health Camp	05	-	-	-	-	-	-	-	-	-	250
18.	Animal Health Camp	2	-	-	-	-	-	-	-	-	-	200
19.	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
20.	Soil test campaigns	05	-	-	-	-	-	-	-	-	-	250
21.	Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-
22.	Self Help Group Conveners meetings	02	-	-	-	-	-	-	-	-	-	50
23.	MahilaMandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
24.	Celebration of important days (specify)	10	-	-	-	-	-	-	-	-	-	500
25.	Sankalp Se Siddhi	-	-	-	-	-	-	-	-	-	-	-
26.	Swatchta Hi Sewa	05	-	-	-	-	-	-	-	-	-	250
27.	Mahila Kisan Diwas	01	-	-	-	-	-	-	-	-	-	50
28.	Any Other (Specify)	-	-	-	-	-	-	-	-	-	-	-
	Total	**731**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6380**

4. **Revolving Fund (in Rs.)**

Opening balance of 2024-2025 (As on 01.04.2024)	Amount proposed to be invested during 2024-2025	Expected Return
4,37,389	3,00,000	4,50,000

5. **Expected fund from other sources and its proposed utilization : NA**

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

9. I. On-farm trials to be conducted*

i. **Season:** Rabi-2024-25 (1st Year)

ii. **Title of the OFT:** Assessment of Onion varieties of Rabi Season

iii. **Thematic Area:** Varietal Evaluation

iv. **Problem diagnosed:** Low performance of old varieties

v. **Important Cause:** Not aware about new varieties

vi. **Production system:** Line transplanting

vii. **Micro farming system:** Rainfed upland

viii. **Technology for Testing:** High yielding Onion varieties

ix. **Existing Practice:** Growing of old less productive onion variety "Agrifound Dark Red"

x. **Hypothesis:**

xi. **Objective(s):** To make farmer aware about new high yielding onion varieties.

xii. **Treatments:**

Farmers Practice (FP): Agrifound Dark Red

Technology option-I (TO-I): Bhima Sakti

Technology option-II (TO-II): Bhima Red

Critical Input: High yielding onion varieties with normal package of practices.

xiii. **Unit Size:** 0.4 ha

xiv. **No of Replications:** 07

xv. **Unit Cost:** Rs. 1500/-

xvi. **Total Cost:** Rs. 10500/-

xvii. **Monitoring Indicator:** Colour thickness, Neck thickness, Pollar Diameter, Equatorial diameter (cm), Bulb weight (g), Bulb Yield (plot/ha)

xviii. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** DOGR,Pune-2022

9. II. On-farm trials to be conducted*

xix. **Season:** Rabi-2024-25

xx. **Title of the OFT:** Assessment of Chilli variety of Rabi Season for tolerance to leaf curl virus

xxi. **Thematic Area:** Varietal Evaluation

xxii. **Problem diagnosed:** Low yield due to unavailability of suitable high yielding variety

xxiii. **Important Cause:** Not aware about new high yielding variety having resistance to leaf curl virus.

xxiv. **Production system:** Line transplanting

xxv. **Micro farming system:** Rainfed Upland

xxvi. **Technology for Testing:** Cultivation of high yielding chilli varieties

xxvii. **Existing Practice:** Cultivation of local chilli variety- Kalasa

xxviii. **Hypothesis:**

xxix. **Objective(s):** To make farmers aware about newly release leaf curl virus resistance high yielding chilli varieties.

xxx. **Treatments:**

Farmers Practice (FP): Local var. Kalasa

Technology option-I (TO-I): Arka Tanvi

Technology option-II (TO-II): Arka Sanvi

Critical Input: High yielding chilli varieties with normal package of practices

xxxi. **Unit Size: 0.5 ha**

xxxii. **No of Replications:** 07

xxxiii. **Unit Cost:** Rs. 1,200/-

xxxiv. **Total Cost:** Rs.8,400/-

xxxv. **Monitoring Indicator:** No of fruits/plants, Yield/plant, Yield/plot, Yield/ha.

xxxvi. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** ICAR-Annual Report-2021-22

9. III. On-farm trials to be conducted*

i. **Season:** Kharif-2024 (IInd Year)

ii. **Title of the OFT:** Assessment of Eco-friendly management of pod borer complex in pigeon pea.

iii. **Thematic Area:** Integrated Pest Management

iv. **Problem diagnosed:** low yield due to severe attack of pod borer complex in pigeon pea.

v. **Important Cause:** No knowledge about Pest Management

vi. **Production system:** Line sowing

vii. **Micro farming system:** Rainfed Upland

viii. **Technology for Testing:** Insecticides

ix. **Existing Practice:** Farmers are applying separate pesticide for individual pest.

x. **Hypothesis:** Combine pesticide can successfully manage important pest in rice**.**

xi. **Objective(s):** Minimize the pesticide application, low cost for pest management.

xii. **Treatments:**

Farmers Practice (FP): Spraying of Chloropyriphos @ 2.5 ml/lit

Technology option-I **(TO-I):** Application of Azadirachtin 0.15% @ 1.5 lit/ha + Spinosad 45SC @ 200 ml/ha at 50 % flowering and second 15-20 days after 1st spraying.

Technology option-II (TO-II): Application of Azadirachtin 0.15% @ 1.5 lit/ha + Emmamectin Benzoate 5 SG @ 200gm/ha at 50 % flowering and second 15-20 days after 1st spraying.

Critical Inputs: Azadirachtin 0.15%, Spinosad 45SC, Emmamectin Benzoate 5 SG

Unit Size: 1.0 ha

xiii. **No of Replications:** 07

xiv. **Unit Cost:** Rs. 1500/-

xv. **Total Cost:** Rs. 10500/-

xvi. **Monitoring Indicator:** % of Pest Incidence, damaged intensity

xvii. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** RRTTS Station trail, Bhubaneswar OUAT, 2018

9. IV. On-farm trials to be conducted*

i. **Season: Rabi 2024-25**

ii. **Title of the OFT:** Assessment of management practices against pod borer complex in Greengram

iii. **Thematic Area:** Integrated Pest Management

iv. **Problem diagnosed:** High incidence of pod borer complex in Greengram

v. **Important Cause:** Improper pest management scheduled

vi. **Production system:** Broadcasting

vii. **Micro farming system:** Medium land

viii. **Technology for Testing:** Insecticides

ix. **Existing Practice:** Farmers are not following proper procedure for management of pod borer in Greengram.

x. **Hypothesis: Combination of Neem based pesticide with chemical pesticide affectively manage pod borer.**

xi. **Objective(s): Minimize of pest load by applying botanicals with chemical pesticides**

xii. **Treatments:**

Farmers Practice (FP): Farmers are applying high dose of contact and stomach poison during pest infestation.

Technology option-I (TO-I): Foliar spray of NSKE 5% at 30 DAS followed by Chlorantraniliprole 18.5 SC @ 200 ml/ha at 45 DAS

Technology option-II (TO-II): 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

xiii. **Critical Input:** NEEM OIL 1500PPM, Chlorantraniliprole 18.5 SC, Flubendiamide 39.35% SC

xiv. **Unit Size: 1.0 ha**

xv. **No of Replications: 07**

xvi. **Unit Cost:** Rs. 1,000/-

xvii. **Total Cost:** Rs. 7,000/-

xviii. **Monitoring Indicator:** No. of damaged pods/plant, % of infestation, Yield, ICBR

xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** OUAT-AR- 2018

9. V. On-farm trials to be conducted*

i. **Season:** Rabi -2024-25

ii. **Title of the OFT:** Assessment of processing and packaging method of tender jackfruit

iii. **Thematic Area:** Value Addition

iv. **Problem diagnosed:** Poor price realization from sale of whole tender jackfruit

v. **Important Cause:** Poor knowledge in processing technique

vi. **Production system:** Orchard

vii. **Micro farming system:** Irrigated upland

viii. **Technology for Testing:** Deep the cutting of jackfruits in 0.5% (W/V) Citric acide & 0.1% ascorbic acid for 7 minutes, surface drying & packing in punnet pack or PP pouch with 0.0675% perforation & refrigerated & stored at 10^0 C.

ix. **Existing Practice:** Direct selling whole tender jackfruit

x. **Hypothesis:** Treatment of jackfruit with citric acid & ascorbic acid followed by drying, Packaging may enhance the shelf life upto 5-7 days. This also may help in retention in colour.

xi. **Objective(s): To assess the shelf like of jackfruit**

xii. **Treatments:**

Farmers Practice (FP): Direct selling of whole tender jackfruit

Technology option-I (TO-I): Peeling of jackfruit by knife/paniki cutting to pices & packed in polythene.

xiii. **Technology option-II (TO-II):** Surface cleaning/Dirt removal by washing, Peeling & cutting into pieces. Deeping in 0.5% (W/V) Citric acid & 0.1% ascorbic acid for 7 minutes, surface drying & packing in punnet pack or PP pouch with 0.0675% perforation & refrigerated & stored at 10^0 C.

Critical Input: Citric acid, Ascorbic acid, Punnet pack

xiv. **Unit Size:** 10 kg

xv. **No of Replications:** 07

xvi. **Unit Cost:** Rs. 700/-

xvii. **Total Cost:** Rs. 4900/-

xviii. **Monitoring Indicator:** Self life, BC ratio, Net return, Sensory evaluation

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

9. VI. On-farm trials to be conducted*

i. **Season:** Kharif-2024

ii. **Title of the OFT:** Assessment of Production of Paddy Straw Mushroom From Crumpled Straw

iii. **Thematic Area:** Income Generation

iv. **Problem diagnosed:** Poor availability of bundle straw for mushroom production

v. **Important Cause:** On availability of bundle straw due to labour scarcity and farm mechanization

vi. **Production system:** Mushroom Production

vii. **Micro farming system:** Homestead

viii. **Technology for Testing:** Production of paddy straw mushroom from crumpled straw with 5kg straw, soaking 5hrs, Pulse powder-3% and Spawn-3% maintaining moisture 65% in beds , with 2% calcium carbonate and prepared by vegetable crates/Basket.

ix. **Existing Practice:** Mushroom production by using bundle straw

x. **Hypothesis:** Mushroom production can be done by using bundle straw

xi. **Objective(s):** To reduce the cost of cultivation as crumpled straw is available in through away the price.

xii. **Treatments:**

Farmers Practice (FP): Production of paddy straw mushroom from Bundle straw
Technology option-I (TO-I): Production of paddy straw mushroom from crumpled straw (Bullock trading)
Technology option-II (TO-II): Production of paddy straw mushroom from crumpled straw (axial flow thresher) with 5kg straw, soaking 5hrs, Pulse powder-3% and Spawn-3% maintaining moisture 65% in beds , with 2% calcium carbonate and prepared by vegetable crates/Basket.

xiii. **Critical Input:** Mushroom spawn, Polithine sheet.

xiv. **Unit Size:** 20 beds

xv. **No of Replications:** 07

xvi. **Unit Cost:** Rs. 1,000/-

xvii. **Total Cost:** Rs. 7,000/-

xviii. **Monitoring Indicator:** Incremental income (Rs/Bed), Net Income (Rs/Bed), B:C Ratio

xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** OUAT- 2015

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

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

11. No. of success stories proposed to be developed with their tentative titles: 10 Nos

12. Scientific Advisory Committee

Date of SAC meeting held during 2023	Proposed date during 2024
16.12.2023	December,2024

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	200	-	-	-	-	-	-	-	-	-	10	-
Water Samples	100	-	-	-	-	-	-	-	-	-	10	-
Other (Please specify)	-	-	-	-	-	-	-	-	-	-	-	-
Total	300	-	-	-	-	-	-	-	-	-	20	-

14. Fund requirement and expenditure (Rs.) * 2024-25

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	92,50,000	69,59,000	73,79,174
2	Traveling allowances	1,50,000	1,12,500	85,581
3		30,000	30,000	0
	Contingencies			
A	Office stationaries (OE)	4,00,000	3,50,000	3,50,000
B	POL Vehicle			
C	Meal Refreshment Training	3,00,000	2,25,000	2,25,000
D	Training materials			
E	FLD	1,50,000	86,900	86,900
F	OFT	1,50,000	86,900	86,900
G	SCSP Contingency	19,00,000	12,00,000	12,00,000
H	Swachhta Expenditure	34,000	34,000	34,000
	TOTAL (A)	**1,23,64,000**	**90,84,300**	**94,47,555**
B. Non-Recurring Contingencies				
1	Office Equipments (IT)	-	-	-
2	Furniture & Fixtures	-	-	-
3	Storage Godown (Works)	-	-	-
4	Borewell (Works)	-	-	-
5	Vehicle (Tractor)	-	-	-
6	Library	10,000	10,000	10,000
TOTAL (B)		**10,000**	**10,000**	**10,000**
C. REVOLVING FUND		**0**	**0**	**0**
GRAND TOTAL (A+B+C)		**1,23,74,000**	**90,94,300**	**94,57,555**