

PROFORMA FOR ACTION PLAN 2023-24

1. Name of the KVK: Boudh (Odisha)

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2.Name of host organization:

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3.Training programme to be organized (January 2023 to December 2023)

(a) Farmers and farmwomen

Themati c area	Title of Training	No .	Durat ion	Venue On/Off	Tentati ve Date	No. of Participants									
						SC		ST		Other		Total			
						M	F	M	F	M	F	M	F	T	
Crop Producti on	Integrated Nutrient Management in Paddy	01	01	Isirisinga/ Off	26.05.23	-	-	-	-	-	-	-	-	25	
	Integrated Weed management in Paddy	01	01	Badhiagaon /Off	05.06.23	-	-	-	-	-	-	-	-	25	
	Soil Testing and Soil Health Management	01	01	Khuntiapada a/Off	18.06.23	-	-	-	-	-	-	-	-	25	
	Use of Bio-fertilizer for Sustainable Food Production	01	01	Rampur/ Off	01.07.23	-	-	-	-	-	-	-	-	25	
	Importance of Growing pulse crop for alleviating pulse deficient in Odisha	01	01	Kanakpur, On	26.07.23	-	-	-	-	-	-	-	-	25	
	Importance of application of Boron and zinc in maize for increasing the grain filling	01	01	Baghiapada , On	02.08.23	-	-	-	-	-	-	-	-	25	
	Weed management in pulses and oilseed crop	01	01	Amthapada , On	13.08.23	-	-	-	-	-	-	-	-	25	
	Safety and precaution for herbicide use.	01	01	Bandhathar, On	03.09.23	-	-	-	-	-	-	-	-	25	
	Importance and package and practice of growing millet crops	01	01	Polam, On	22.09.23	-	-	-	-	-	-	-	-	25	
	Residue management in Rice field	01	01	Kulthakhali , On	02.10.23	-	-	-	-	-	-	-	-	25	
Package and practice for Rabi Oilseed crop-Mustard	01	01	Polam, On	23.10.23	-	-	-	-	-	-	-	-	25		

	Seed preservation techniques in pulses	01	01	Kulthakhali, On	04.11.23	-	-	-	-	-	-	-	-	25
Horticulture	INM in brinjal	01	01	Isirisinga/Off	26.05.23	-	-	-	-	-	-	-	-	25
	Training on physiological disorder of tomato	01	01	Badhiagaon/Off	05.06.24	-	-	-	-	-	-	-	-	25
	Training of Agro-techniques of kharif onion	01	01	Khuntiapada/Off	18.06.23	-	-	-	-	-	-	-	-	25
	Weed management in okra	01	01	Rampur/Off	01.07.23	-	-	-	-	-	-	-	-	25
	INM in chilli	01	01	Kanakpur, On	26.07.23	-	-	-	-	-	-	-	-	25
	INM in solanaceous vegetable	01	01	Baghiapada, On	02.08.23	-	-	-	-	-	-	-	-	25
	Use of plant growth regulator in vegetable	01	01	Amthapada, On	13.08.23	-	-	-	-	-	-	-	-	25
	Agro-techniques of banana cultivation	01	01	Bandhapathar, On	03.09.23	-	-	-	-	-	-	-	-	25
	Water management in fruit crops	01	01	Polam, On	22.09.23	-	-	-	-	-	-	-	-	25
	Package of practices of oilpalm cultivation	01	01	Kulthakhali, On	02.10.23	-	-	-	-	-	-	-	-	25
	Off season vegetable cultivation	01	01	Polam, On	23.10.23	-	-	-	-	-	-	-	-	25
	Protected cultivation of vegetables													
	Plant Protection	Integrated management of BPH/WBPH in Kharif & Rabi Rice	01	01	Isirisinga/Off	26.05.23	-	-	-	-	-	-	-	-
Integrated BLB disease management in paddy		01	01	Badhiagaon/Off	05.06.23	-	-	-	-	-	-	-	-	25
Integrated fall army worm management in kharif maize		01	01	Khuntiapada/Off	18.06.23	-	-	-	-	-	-	-	-	25
Integrated stem borer management in rice		01	01	Rampur/Off	01.07.23	-	-	-	-	-	-	-	-	25
Integrated sucking pest management in cotton		01	01	Kanakpur, On	26.07.23	-	-	-	-	-	-	-	-	25
IPM for management of pod borer complex in pigeonpea		01	01	Baghiapada, On	02.08.23	-	-	-	-	-	-	-	-	25
Wilting management in brinjal and tomato		01	01	Amthapada, On	13.08.23	-	-	-	-	-	-	-	-	25
Fruit fly management in bitter guard		01	01	Bandhapathar, On	03.09.23	-	-	-	-	-	-	-	-	25
Management of collar rot disease in groundnut		01	01	Isirisinga/Off	26.09.23	-	-	-	-	-	-	-	-	25

	Integrated foot rot disease management in Rabi rice.	01	01	Badhiagaon /Off	05.10.23	-	-	-	-	-	-	-	-	25
	Integrated fruit fly management in bitter guard.	01	01	Khuntiapada/Off	18.06.23	-	-	-	-	-	-	-	-	25
	YMV disease management in greengram	01	01	Rampur/Off	01.07.23	-	-	-	-	-	-	-	-	25
	Bee box maintenance in summer and winter season.	01	01	Kanakpur, On	26.07.23	-	-	-	-	-	-	-	-	25
	Fusarium wilting management in pigeonpea crop	01	01	Baghiapada, On	02.08.23	-	-	-	-	-	-	-	-	25
	Different PP chemicals and their formulation and method of use in crops.	01	01	Amthapada, On	13.08.23	-	-	-	-	-	-	-	-	25
Agril. Extension	Stress management & enhancing work efficiency in agriculture	01	01	Isirisinga/Off	26.05.23	-	-	-	-	-	-	-	-	25
	Staggered planting methods in tomato to avoid glut in market	01	01	Badhiagaon /Off	05.06.23	-	-	-	-	-	-	-	-	25
	Soil sampling methods & nutrient management	01	01	Khuntiapada/Off	18.06.23	-	-	-	-	-	-	-	-	25
	Role of farmer producer organization in strengthening farmers economy	01	01	Rampur/Off	01.07.23	-	-	-	-	-	-	-	-	25
	Group leadership and management of SHGs	01	01	Kanakpur, On	26.07.23	-	-	-	-	-	-	-	-	25
	Grading of agricultural produce for marketing and storage	01	01	Baghiapada, On	02.08.23	-	-	-	-	-	-	-	-	25
	Good agricultural practices and enhanced resources use efficiency for doubling farmers income	01	01	Amthapada, On	13.08.23	-	-	-	-	-	-	-	-	25
	Integrated farming systems an approach for climate change mitigation & natural resources management.	01	01	Bandhapatthar, On	03.09.23	-	-	-	-	-	-	-	-	25
	Post harvest management of Tomato & its value addition	01	01	Polam, On	22.09.23	-	-	-	-	-	-	-	-	25
	Agro-enterprise management among farm women	01	01	Kulthakhali, On	02.10.23	-	-	-	-	-	-	-	-	25
Forestry	Forest nursery and its management	01	01	Isirisinga/Off	26.05.23	-	-	-	-	-	-	-	-	25
	Growing of Acacia mangium for profit	01	01	Badhiagaon /Off	05.06.23	-	-	-	-	-	-	-	-	25

Teak farming	01	01	Khuntiapada/Off	18.06.23	-	-	-	-	-	-	-	-	-	25
Multi Purpose Trees and their cultivation	01	01	Rampur/Off	01.07.23	-	-	-	-	-	-	-	-	-	25
Agro-forestry systems	01	01	Kanakpur, On	26.07.23	-	-	-	-	-	-	-	-	-	25
Cultivation of medicinal plants and their uses	01	01	Baghiapada, On	02.08.23	-	-	-	-	-	-	-	-	-	25
Meeting of fuel wood equipment through homestead forestry	01	01	Amthapada, On	13.08.23	-	-	-	-	-	-	-	-	-	25
Cultivation of lemon grass	01	01	Bandhathar, On	03.09.23	-	-	-	-	-	-	-	-	-	25
Environmental pollution	01	01	Polam, On	22.09.23	-	-	-	-	-	-	-	-	-	25
Forest and climate change	01	01	Kulthakhali, On	02.10.23	-	-	-	-	-	-	-	-	-	25
Social forestry	01	01	Polam, On	23.10.23	-	-	-	-	-	-	-	-	-	25
Minor forest products	01	01	Kulthakhali, On	04.11.23	-	-	-	-	-	-	-	-	-	25
Saal trees and products derived from it.	01	01	Amthapada, On	26.11.23	-	-	-	-	-	-	-	-	-	25

(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
Crop Production	Integrated Farming system for Marginal Farmers.	01	02	On	13.12.23	-	-	-	-	-	-	-	-	15
	Integrated Nutrient Management and its importance	01	02	On	10.01.24	-	-	-	-	-	-	-	-	15
	Preparation of different organic formulation such as panchagavya, Jiva amrit, Beeja amrit, Neem tobacco-based pesticides etc.	01	02	On	17.02.24	-	-	-	-	-	-	-	-	15
Plant Protection	Safe use of PP chemicals and use of different spray equipments	01	02	On	19.12.23	-	-	-	-	-	-	-	-	15
	Safe application of chemical pesticides in	01	02	On	27.01.24	-	-	-	-	-	-	-	-	15

	Rabi vegetable crop (Tomato, brinjal, chilli)													
Agril. Extension	Income generation through understanding of marketing strategy and marketing channel	01	02	On	07.12.23	-	-	-	-	-	-	-	-	15
	Post harvest management and its value addition of oyster mushroom	01	02	On	23.01.24	-	-	-	-	-	-	-	-	15
Forestry	Propagation of Bamboo through culm cutting method	01	02	On	17.12.23	-	-	-	-	-	-	-	-	15
	Growing of Acacia mangium for profit	01	02	On	13.01.24	-	-	-	-	-	-	-	-	15

(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
Crop Production	Vermicomposting and its method of production	01	01	On	19.02.24	-	-	-	-	-	-	-	-	10
Plant Protection	Package of practices for management of Blast and sheath blight disease in rice during kharif season	01	01	On	17.01.24	-	-	-	-	-	-	-	-	10
	Package of practices for management of important pests in onion and chilli	01	01	On	21.02.24	-	-	-	-	-	-	-	-	10
Agril. Extension	Application of ICT in Agriculture	01	01	On	15.02.24	-	-	-	-	-	-	-	-	10
	Motivational and communication skills for extension personnel	01	01	On	04.03.24	-	-	-	-	-	-	-	-	10
Forestry	Lac cultivation	01	01	On	08.03.24	-	-	-	-	-	-	-	-	10

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	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Integrated Nutrient Management in Paddy	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Integrated Weed management in Paddy	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Soil Testing and Soil Health Management	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Use of Bio-fertilizer for Sustainable Food Production	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Importance of Growing pulse crop for alleviating pulse deficient in Odisha	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Importance of application of Boron and zinc in maize for increasing the grain filling	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Weed management in pulses and oilseed crop	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Safety and precaution for herbicide use.	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Importance and package and practice of growing millet crops	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Residue management in Rice field	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Package and practice for Rabi Oilseed crop-Mustard	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Seed preservation techniques in pulses	01	-	-	-	-	-	-	-	-	-	-	-	-	25
TOTAL	12	-	-	-	-	-	-	-	-	-	-	-	-	300
II. Horticulture														
a) Vegetable Crops														
INM in brinjal	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Training on physiological disorder of tomato	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Training of Agro-techniques of kharif onion	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Weed management in okra	01	-	-	-	-	-	-	-	-	-	-	-	-	25
INM in chilli	01	-	-	-	-	-	-	-	-	-	-	-	-	25
INM in solanaceous vegetable	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Use of plant growth regulator in vegetable	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Agro-techniques of banana cultivation	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Water management in fruit crops	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Package of practices of oilpalm cultivation	01	-	-	-	-	-	-	-	-	-	-	-	-	25

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				
Off season vegetable cultivation	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Protected cultivation of vegetables	01	-	-	-	-	-	-	-	-	-	-	-	-	25
TOTAL	12	-	-	-	-	-	-	-	-	-	-	-	-	300
b) Fruits														
Training and Pruning														
Layout and Management of Orchards														
Cultivation of Fruit														
Management of young plants/orchards														
Rejuvenation of old orchards														
Export potential fruits														
Micro irrigation systems of orchards														
Plant propagation techniques														
Others, if any(INM)														
TOTAL														
c) Ornamental Plants														
Nursery Management														
Management of potted plants														
Export potential of ornamental plants														
Propagation techniques of Ornamental Plants														
Others, if any														
TOTAL														
d) Plantation crops														
Production and Management technology														
Processing and value addition														
Others, if any														
TOTAL														
e) Tuber crops														
Production and Management technology														
Processing and value addition														
Others, if any														
TOTAL														
f) Spices														
Production and Management technology														
Processing and value addition														
Others, if any														
TOTAL														
g) Medicinal and Aromatic Plants														
Nursery management														
Production and management technology														
Post harvest technology and value addition														
Others, if any														
TOTAL														
III. Soil Health and Fertility Management														
Soil fertility management														
Soil and Water Conservation														

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other			M	F	T
		M	F	T	M	F	T	M	F	T			
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL													
VI. Agril. Engineering													
Installation and maintenance of micro													

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				
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 management of BPH/WBPH in Kharif & Rabi Rice	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Integrated BLB disease management in paddy	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Integrated fall army worm management in kharif maize	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Integrated stem borer management in rice	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Integrated sucking pest management in cotton	1	-	-	-	-	-	-	-	-	-	-	-	-	25
IPM for management of pod borer complex in pigeonpea	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Wilting management in brinjal and tomato	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Fruit fly management in bitter guard	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Management of collar rot disease in groundnut	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Integrated foot rot disease management in Rabi rice.	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Integrated fruit fly management in bitter guard.	1	-	-	-	-	-	-	-	-	-	-	-	-	25
YMV disease management in greengram	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Bee box maintenance in summer and winter season.	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Fusarium wilting management in pigeonpea crop	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Different PP chemicals and their formulation and method of use in crops.	1	-	-	-	-	-	-	-	-	-	-	-	-	25
TOTAL	15	-	-	-	-	-	-	-	-	-	-	-	-	375
VIII. Agril. Extension														
Stress management & enhancing work efficiency in agriculture	1	-	-	-	-	-	-	-	-	-	-	-	-	25

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			
Staggered planting methods in tomato to avoid glut in market	1	-	-	-	-	-	-	-	-	-	-	-	25
Soil sampling methods & nutrient management	1	-	-	-	-	-	-	-	-	-	-	-	25
Role of farmer producer organization in strengthening farmers economy	1	-	-	-	-	-	-	-	-	-	-	-	25
Group leadership and management of SHGs	1	-	-	-	-	-	-	-	-	-	-	-	25
Grading of agricultural produce for marketing and storage	1	-	-	-	-	-	-	-	-	-	-	-	25
Good agricultural practices and enhanced resources use efficiency for doubling farmers income	1	-	-	-	-	-	-	-	-	-	-	-	25
Integrated farming systems an approach for climate change mitigation & natural resources management.	1	-	-	-	-	-	-	-	-	-	-	-	25
Post harvest management of Tomato & its value addition	1	-	-	-	-	-	-	-	-	-	-	-	25
Agro-enterprise management among farm women	1	-	-	-	-	-	-	-	-	-	-	-	25
TOTAL	10	-	-	-	-	-	-	-	-	-	-	-	250
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													

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														
XI Agro-forestry														
Forest nursery and its management	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Growing of Acacia mangium for profit	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Teak farming	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Multi Purpose Trees and their cultivation	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Agro-forestry systems	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Cultivation of medicinal plants and their uses	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Meeting of fuel wood equipment through homestead forestry	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Cultivation of lemon grass	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Environmental pollution	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Forest and climate change	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Social forestry	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Minor forest products	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Saal trees and products derived from it.	1	-	-	-	-	-	-	-	-	-	-	-	-	25
TOTAL	13	-	-	-	-	-	-	-	-	-	-	-	-	325

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				
Integrated Nutrient Management and its importance in Sustainable Agriculture	01	-	-	-	-	-	-	-	-	-	-	-	-	15
Awareness on different Organic Formulations such as Amrit pani, Jeeva amrit etc for organic food production.	01	-	-	-	-	-	-	-	-	-	-	-	-	15
Protected cultivation of vegetables	01	-	-	-	-	-	-	-	-	-	-	-	-	15
Post harvest management of vegetables	01	-	-	-	-	-	-	-	-	-	-	-	-	15
Safe use of pesticide, method of spraying & spraying techniques	01	-	-	-	-	-	-	-	-	-	-	-	-	15
Production techniques	01	-	-	-	-	-	-	-	-	-	-	-	-	15

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				
of paddy straw and oyster mushroom production														
Income generation through understanding of marketing strategy and marketing channel	01	-	-	-	-	-	-	-	-	-	-	-	-	15
Post harvest management and its value addition of oyster mushroom	01	-	-	-	-	-	-	-	-	-	-	-	-	15
Propagation of Bamboo through culm cutting method	01	-	-	-	-	-	-	-	-	-	-	-	-	15
Growing of Acacia mangium for profit	01	-	-	-	-	-	-	-	-	-	-	-	-	15
Repair and maintenance of farm machinery and implements														
Nursery Management of Horticulture crops														
Training and pruning of orchards														
Value addition														
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														

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			
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
TOTAL	10	-	-	-	-	-	-	-	-	-	-	-	150

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			
Organic Farming – Method of Preparation of Vermicompost & Vermi wash	01	-	-	-	-	-	-	-	-	-	-	-	10
Physiological disorder in fruits crops	01	-	-	-	-	-	-	-	-	-	-	-	10
Identification of insect pest & diseases of major crops of Boudh district & its management practices	01	-	-	-	-	-	-	-	-	-	-	-	10
Application of ICT in Agriculture	01	-	-	-	-	-	-	-	-	-	-	-	10
Motivational and communication skills for extension personnel	01	-	-	-	-	-	-	-	-	-	-	-	10
Lac cultivation	01	-	-	-	-	-	-	-	-	-	-	-	10
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														
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	06	-	-	-	-	-	-	-	-	-	-	-	-	60

1. Frontline demonstration to be conducted*

Crop: Paddy

Thrust Area: Integrated Weed Management

Thematic Area: Crop Management

Season: Kharif- 2023

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	Paddy	0.5	Pre-emergence application of pretilachlor 6% + bensulfuron methyl 0.6 % GR(Ready mix) 600g/ha at 3 DAT fb post emergence application of Bispyribac Sodium 10 EC 25g/ha at 20 DAT effectively control all types of weeds in Rice.	Weeds per meter sq., Weed control efficiency ,Yield qt/ha.	Pretilachlor, bensulfuron methyl, Bispyribac	2,000	4,000	-	-	-	-	-	-	-	-	-	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 Weed Management in Paddy	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	-	25

2. Frontline demonstration to be conducted*

Crop: Maize

Thrust Area: Varietal Evaluation

Thematic Area: Crop Improvement

Season: Kharif- 2023

Farming Situation: Medium Land Irrigated

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	Maize	0.5	Cultivation of medium duration maize hybrid- Kalinga Raj (OMH-14-27) Suitable for kharif season Av. yield: 79.5 q/ha, duration: Average 92 days, resistant to rust, downy mildew, charcoal rot fusarium stalk and tolerant to drought	Cob weight, No. of Seed/cob	Hybrid maize Seed	2,000	2,500	-	-	-	-	-	-	-	-	-	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 and practice of maize	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

3. Frontline demonstration to be conducted*

Crop: Greengram

Thrust Area: Integrated Nutrient Management

Thematic Area: Crop Improvement

Season: Rabi- 2023-24

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	Greengram	0.5	Application of 75% STBF + Foliar application of WSF (18:18:18)@2% at 25 and 40 DAS	Pod/plant, seeds/pod, yield/ha	WSF (18:18:18)	2,000	2,500	-	-	-	-	-	-	-	-	-	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 Nutrient Management in Greengram	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

4. Frontline demonstration to be conducted*

Crop: Cotton

Thrust Area: Integrated Nutrient Management

Thematic Area: Crop Management

Season: Kharif-2023

Farming Situation: Upland, 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	Cotton	0.5	Application of 120 kg N, 60 kg P ₂ O ₅ & 60 kg K ₂ O /ha with 2 sprays of 0.5% ZnSO ₄ and 0.1% Borax at 90 and 105 DAS	Yield qt/ha, Plant height, Fiber length, fiber strength, Fiber Finess, Boll weight, No. of Bolls per plant	NPK, ZnSO ₄ and Borax.	1,500	2,500	-	-	-	-	-	-	-	-	-	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 Nutrient Management in Cotton	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

5. Frontline demonstration to be conducted*

Crop: Bitter gourd

Thrust Area: Vegetable Production

Thematic Area: Integrated Crop Management

Season: Kharif - 2023

Farming Situation: Plane Land Irrigated

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	Bittergourd	0.5	Foliar application of ethrel @ 200 ppm at 2 to 4 leaf stage & aminoacid during flowering stage	No. of fruits/plant, Yield q/ha	Ethrel, Aminoacid	1,20,000	1,00,000	-	-	-	-	-	-	-	-	-	-	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	I. Use of Plant growth regulator in Bitter gourd II. Cultural Practice of Bitter gourd	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	-	-	25

6. Frontline demonstration to be conducted*

Crop: Pointed gourd

Thrust Area: Vegetable Production

Thematic Area: Varietal Evaluation

Season: Rabi- 2023-24

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	Pointed gourd	0.5	Bio-inoculation with Azotobacter+ Azospirillum+ PSB(1:1:1) over and NPK and organics is recommended for achieving higher yield in pointed gourd	No. of fruits/plant, Yield q/ha	Bio-inoculation with Azotobacter+ Azospirillum +PSB & NPK	10,500	5,300	-	-	-	-	-	-	-	-	-	-	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 Nutrient Management in Pointed gourd	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	-	-	25

7. Frontline demonstration to be conducted*

Crop: Cauliflower

Thrust Area: Vegetable Production

Thematic Area: Integrated Nutrient Management

Season: Rabi- 2023-24

Farming Situation: Medium Irrigated.

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	Cauliflower	0.5	Application of combined spray of B 50 ppm+ Mo 25 PPM thrice at 10 days interval	Weight of curd ,Yield q/ha	B 50 PPM+ Mo 25 PPM	10,000	4,000	-	-	-	-	-	-	-	-	-	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 Nutrient Management in Cauliflower	01	F/FW	01	On	-	-	-	-	-	-	-	-	25

8. Frontline demonstration to be conducted*

Crop: Onion

Thrust Area: Vegetable Cultivation

Thematic Area: Varietal Evaluation

Season: Rabi- 2023-24

Farming Situation: Medium Irrigated.

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	0.5	Application of 110:40:60:40 kg NPKS per ha along with soil and foliar application of Znso4	Bulb diameters, Skin colour, Bulb weight Yield Sprouting (%) at June and July	NPKS, Znso4	1,60,000	1,20,000	-	-	-	-	-	-	-	-	-	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	Production technology of Kharif Onion	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

9. Frontline demonstration to be conducted*

Crop: Rice

Thrust Area: Bio-Intensive insect pest management in Rice

Thematic Area: Integrated Pest Management

Season: Kharif- 2023

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	Bio-intensive insect pest management in rice	1.0	Nursery treatment with fipronil 0.3G @ 20kg/ha followed by soil application of chlorantraniliprole 0.4 G @ 10 kg/ha at 30 days after transplanting (DAT) and need based application of insecticide based on pest severity reduced pest population.	No of dead heart/m ² , No of white ear head/m ² , No of BPH/hill, Yield (q/ha), Net return (Rs/ha,) B:C ratio	Fipronil, chlorantraniliprole	37,000	30,000	-	-	-	-	-	-	-	-	-	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 management of BPH/WBPH in Kharif & Rabi Rice	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

10. Frontline demonstration to be conducted*

Crop: Greengram

Thrust Area:

Thematic Area: Integrated Pest Management

Season: Kharif- 2023

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	YMV management in Greengram	0.5	Seed treatment with Imidacloprid 600 FS @ 5ml/ kg, placement of yellow sticky trap @ 50/ha, spraying of neem oil 0.15% @ 2 ml/l at 30 DAS and need based spraying of Diafenthiuron 50 WP @ 1 gm /l at 45 DAS significantly minimized the whitefly population and YMV incidence in greengram	% of infestation, No. of white flies/plant, No. of jassids/plant, No. of affected plan/m2 Yield (q/ha), Net return (Rs/ha) B:C ratio,	Imidacloprid, yellow sticky trap, neem oil, Diafenthiuron													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		01	F/FW	01	On	-	-	-	-	-	-	-	-	-	-	25

11. Frontline demonstration to be conducted*

Crop: Maize

Thrust Area: crop management

Thematic Area: Integrated Pest management

Season: Kharif 2023-24

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	Management of Fall Army Worm in maize	1.0 ha	Seed treatment with (cyazapyr + thiamethoxam) @ 6 ml/ kg seed + Installation of bird perches up to 45 DAS + Foliar application of tetraniliprole @ 200 ml/ ha at 30 days after sowing (DAS) + Whorl application and field placement of Poison baits (10 kg rice bran + 2 kg jaggery+ 2-3 l of water+ 100 g thiodicarb) at 45 DAS' minimised the plant and cob damage %.	% of infestation, No of affected plant/m2 Yield (q/ha), Net return (Rs/ha) B:C ratio,	(cyazapyr + thiamethoxam), tetraniliprole, (10 kg rice bran + 2 kg jaggery+ 2-3 l of water+ 100 g thiodicarb)	20,000	32,000	-	-	-	-	-	-	-	-	-	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	Disease and pest management in Maize	01	F/FW	01	On	-	-	-	-	-	-	-	-	25

12. Frontline demonstration to be conducted*

Crop: Chilli

Thrust Area: Management of major sucking pest in chilli

Thematic Area: Integrated Pest Management

Season: Rabi-2023-24

Farming Situation: Irrigated Medium land

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) relation in 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	Evaluation of novel insecticides against major sucking pests of chilli	1.0	Seed treatment with Imidachloprid 600FS @ 5ml /kg seed and Foliarspraying of spiromesifen 22.9%SC @ 1 ml/ l of water twice at 30and 45 DAT can significantly reduce the incidence of sucking pest complex (thrips and mite) in chilli	No of affected plant /Mt ² , No of insect/plant, % of infestation Yield (q/ha), Net return (Rs/ha) B:C ratio,	Imidachl oprid, Foliarspr aying, spiromes ifen	60,000	51,000	-	-	-	-	-	-	-	-	-	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 application of chemical pesticides in Rabi vegetable crop (Tomato, brinjal, chilli)	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

13. Frontline demonstration to be conducted*

Crop: Lemon Grass

Thrust Area: Utilization of degraded lands

Thematic Area: Income Generation

Season: Kharif- 2023

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	Lemon Grass	0.5	Slips of lemon grass are planted at a distance of 2ft x2ft after proper ploughing & application of FYM followed by 1 or 2 irrigation spell	I. Height of the grass II. Yield of the grasses	Application of FYM	7,000	9,000	-	-	-	-	-	-	-	-	-	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	Cultivation of Lemon Grass	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

14. Frontline demonstration to be conducted*

Crop: Acacia auriculoformis

Thrust Area: Agro-Forestry

Thematic Area: Integrated Farming Systems

Season: Kharif- 2023

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	Acacia auriculoformis	0.5	Acacia mangium trees are planted at distance of 2.5 mt x 2.5 mt & inter-cropping of turmeric at a spacing of 50 cm x 50 cm	I. Tree growth (Height/Diameter) II. Growth of turmeric III. Yield of turmeric	Acacia auriculoformis	20,000	18,000	-	-	-	-	-	-	-	-	-	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	Growing Acacia Mangium for profit	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

15. Frontline demonstration to be conducted*

Crop: Lac Culture

Thrust Area: Minor Forest Product

Thematic Area: Income Generation

Season: Rabi- 2023-24

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	Lac Culture	0.5	Brood lac sticks are tied to the newly emerged branches of Palas trees after pruning & before swarming	Yield of raw lac (wt.)	Lac Culture	10,000	7,000	-	-	-	-	-	-	-	-	-	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	Lac Cultivation	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

16. Frontline demonstration to be conducted*

Crop: Rice

Thrust Area: ICT

Thematic Area: ICT

Season: Kharif- 2023

Farming Situation: Medium irrigated land

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration									
					Name of Inputs	Demo	Local	SC		ST		Other		Total			
								M	F	M	F	M	F	M	F	T	
1	Rice	20 ha	Preparation of small videos (1.5-2.0 minutes) on different activities of production process of selected commodities and the same will be sent through WhatsApp to the identified farmers.	Visually engaging/Informative and timeliness understanding the market and process depicted in the videos, Retention, retrieval & re-use of the content	Camera, tripod, ear phone	10000/-		-	-	-	-	-	-	-	-	-	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	Effectiveness of short technology videos on technology adoption	01	F/FW	01	On	-	-	-	-	-	-	-	-	25

			papaya plants, one lemon, one drumstick, and two bananas and floriculture in bunds.														
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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		T
						M	F	M	F	M	F	M	F	
Training	Nursery management.	01	F/FW	01	On	-	-	-	-	-	-	-	-	25

18. Frontline demonstration to be conducted*

Crop: Mushroom

Thrust Area: Income Generation

Thematic Area: livelihood status

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									
					Name of Inputs	Demo	Local	SC		ST		Other		Total			
								M	F	M	F	M	F	M	F	T	
1	Impact Study on Mushroom Cultivation	0.5	Cultivation of oyster mushroom variety	Occupation pattern, changes in facility at	Oyster Mushroom	1500/-	2000/-	-	-	-	-	-	-	-	-	-	10

	on Living Standards of women farmer		Hyspigygus wmarius, Biological efficiency: 92.5/-	house level, Additional income, change in standard of living													
--	-------------------------------------	--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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 mushroom cultivation.	01	F/FW	01	On	-	-	-	-	-	-	-	-	25

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

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, Swarna syamali	June- March	0.008	Bulk	2.0 qt	1040	2000	960
Tomato	Arka Rakshyak, Kosala, Kabya	June- March	0.008	Bulk	2.5 qt	1080	2500	1420
Chilli	Krishna	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	Agri-found Dark Red 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.	KisanGhasthi	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.	Mahila Mandals 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 2023-2024 (As on 01.04.2023)	Amount proposed to be invested during 2023-2024	Expected Return
2,98,243	2,00,000	3,50,000

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:** Kharif-2023 (IInd Year)
- ii. **Title of the OFT:** Assessment of weed management in maize.
- iii. **Thematic Area:** Integrated Weed management in maize
- iv. **Problem diagnosed:** Low yield in maize due to heavy weed infestation
- v. **Important Cause:** More no.of weeds in the field
- vi. **Production system:** Chemical herbicide
- vii. **Micro farming system:** Rainfed upland
- viii. **Technology for Testing:** weedicide
- ix. **Existing Practice:** No use of herbicide in maize crop
- x. **Hypothesis:**
- xi. **Objective(s):** To aware the farmer about use of of herbicide in maize
- xii. **Treatments:**

Farmers Practice (FP): Hand weeding at 40 -45 DAS

Technology option-I (TO-I): Pre-emergence application of Atrazine 50 % wp @1.5 kg ai/ha.

Technology option-II (TO-II): Application of Atrazine 50 % wp @1.5 kg ai/ha followed by Tembotrine 100gm/ha at 20 DAS as post emergence.
- xiii. **Critical Inputs:** Atrazine, Tembotrine
- xiv. **Unit Size:** 1.0 ha
- xv. **No of Replications:** 07
- xvi. **Unit Cost:** Rs. 2000/-
- xvii. **Total Cost:** Rs. 2000/-
- xviii. **Monitoring Indicator:** No. of Weeds /m² weed control efficiency, No. of cobs per plant, cob length, cob yield
- xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** OUAT-2020-21

II. On-farm trials to be conducted*

- i. Season:** Kharif-2023 (1st year)
- ii. Title of the OFT:** Assessment of Medium duration HYV paddy varieties
- iii. Thematic Area:** Varietal evaluation
- iv. Problem diagnosed:** Low yield in rainfed medium land transplanted rice due to use of old variety.
- v. Important Cause:** No knowledge about tolerant variety
- vi. Production system:** line transplanting
- vii. Micro farming system:** Rainfed Low land area
- viii. Technology for Testing:** paddy seed variety
- ix. Existing Practice:** Growing of Swarna Rice variety
- x. Hypothesis:**
- xi. Objective(s):** Aware farmers about HYV Paddy
- xii. Treatments:**
 - Farmers Practice (FP): Rice Variety swarna
 - Technology option-I (TO-I): Cultivation of HY Rice Kalinga Dhan-1201
 - Technology option-II (TO-II): Cultivation of HY Rice variety Kalinga Dahan-1303
- xiii. Critical Inputs:** Paddy Variety
- xiv. Unit Size:** 1.0 ha
- xv. No of Replications:** 07
- xvi. Unit Cost:** Rs. 3,500/-
- xvii. Total Cost:** Rs. 3,500/-
- xviii. Monitoring Indicator:** Effective tillers/ m², No of filled grains/Panicle, 1000 grain weight
- xix. Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** OUAT-2022.

III. On-farm trials to be conducted*

i. Season: Kharif-2023 (1st year)

ii. Title of the OFT: Assessment of HYV Finger millet varieties

iii. Thematic Area: Varietal evaluation

iv. Problem diagnosed: Low yield due to use of old local varieties.

v. Important Cause: No knowledge about new varieties

vi. Production system: line transplanting

vii. Micro farming system: Rainfed Medium land

viii. Technology for Testing: finger millet seed variety

ix. Existing Practice: Growing of finger millet variety - Badamandia

x. Hypothesis:

xi. Objective(s): Aware farmers about new high yielding varieties.

xii. Treatments:

Farmers Practice (FP): finger millet variety-Badamandia.

Technology option-I (TO-I): **TO1:** Finger millet variety: OEB-526 (Arjun) with application of NPK (80:30:30) kg/ha

Technology option-II (TO-II): OUAT Kalinga Finger millet (Shreeratna) with application of NPK (80:30:30) kg/ha

Critical Input: finger millet variety and fertilizer.

xiii. Unit Size: 1.0 ha

xiv. No of Replications: 07

xv. Unit Cost: Rs. 3,500/-

xvi. Total Cost: Rs. 3,500/-

xvii. Monitoring Indicator: Effective tillers/ m² No of filled grains/Panicle, 1000 grain weight

xviii. Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify): OUAT-2016 and 2023.

IV. On-farm trials to be conducted*

- i. Season:** Kharif-2023 (New)
- 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:** broadcasting
- vii. Micro farming system:** medium land
- 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. 1150/-

xv. Total Cost: Rs. 8050/-

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

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

2018

V. On-farm trials to be conducted*

i. **Season:** Kharif-2023 (IInd Year)

ii. **Title of the OFT:** IDM in Sheath Leaf Blight in rice

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

iv. **Problem diagnosed:** Low yield due to severe BLB.

v. **Important Cause:** Application of improper management practices.

vi. **Production system:** Manual Transplanting System

vii. **Micro farming system:** Rainfed Medium Land

viii. **Technology for Testing:** Seed treatment with bleaching powder @ 10g/l/ kg seed + Zinc sulfate @ 2%, spraying of Streptocycline @ 300 ppm + COC @ 0.3% & Seed treatment with *Pseudomonas fluroscens* @10g/kg of seed, spraying of Streptomycin @ 300 ppm + COC @ 0.3%.

ix. **Existing Practice:** Farmers are applying Carbendazim during disease.

x. **Hypothesis:** Seed treatment before sowing and application of proper chemical can successfully minimize the disease insecticide.

xi. **Objective(s):** Successfully manage the disease by using appropriate management practices in proper time.

xii. **Treatments:**

Farmers Practice (FP): Low yield and Indiscriminate application of spurious chemicals with improper dose

Technology option-I (TO-I): Seed treatment with bleaching powder @ 10g/l/ kg seed + Zinc sulfate @ 2%, spraying of Streptocycline @ 300 ppm + COC @ 0.3% during disease appearance.

Technology option-II (TO-II): Seed treatment with *Pseudomonas fluroscens* @10g/kg of seed, spraying of Streptocycline @ 300 ppm + COC @ 0.3% during disease appearance.

xiii. **Critical Inputs:** Bleaching powder, Zinc sulfate, Streptocycline, *fluroscens*

xiv. **Unit Size:** 1.0 ha

xv. **No of Replications:** 07

xvi. **Unit Cost:** Rs. 1250/-

xvii. **Total Cost:** Rs. 8750/-

xviii. **Monitoring Indicator:** % of infestation, disease index %, Yield, B:C ratio

xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** Annual report, OUAT, 2016-17

VI. On-farm trials to be conducted*

- i. Season:** Rabi-2023-24 (IInd Year)
- ii. Title of the OFT:** Assessment of Onion Varieties of Rabi Season
- iii. Thematic Area:** Varietal Trial
- iv. Problem diagnosed:** Low yield due to Unavailability of Suitable variety
- v. Important Cause:** Un-availability of suitable variety
- vi. Production system:** Varietal Trial
- vii. Micro farming system:** Rainfed Upland
- viii. Technology for Testing:** Onion seed variety.
- ix. Existing Practice:** Use of Local variety
- x. Hypothesis:**
- xi. Objective(s):** To aware the farmers for adaptation of new varieties.
- xii. Treatments:**
 - Farmers Practice (FP): Cultivation of farmer own variety
 - Technology option-I (TO-I): Cultivation of Onion variety: NHRDF Red-3
 - Technology option-II (TO-II): Cultivation of Onion variety: NHRDF Red-4
- xiii. Critical Inputs:** Onion Variety NHRDF Red-3, NHRDF-4
- xiv. Unit Size:** 0.5 ha
- xv. No of Replications:** 07
- xvi. Unit Cost:** Rs. 5000/-
- xvii. Total Cost:** Rs. 5000/-
- xviii. Monitoring Indicator:** Bulb diameters, Skin colour, Bulb weight Yield, Sprouting (%) at June and July
- xix. Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** SO3666 (E)-2016 (Notification Variety)

VII. On-farm trials to be conducted*

- i. Season:** Rabi-2023-24 (New)
- ii. Title of the OFT:** Assessment of Chili variety of Rabi Season for tolerance to leaf curl virus
- iii. Thematic Area:** Varietal Trial
- iv. Problem diagnosed:** Low yield due to Unavailability of Suitable variety.
- v. Important Cause:** Un-availability of suitable variety
- vi. Production system:** Varietal Trial
- vii. Micro farming system:** Rainfed Upland
- viii. Technology for Testing:** Chilli seed varieties.
- ix. Existing Practice:** Use of Local variety
- x. Hypothesis:**
- xi. Objective(s):** To aware the farmers for adaptation of new varieties.
- xii. Treatments:**
 - Farmers Practice (FP): Cultivation of Chilli variety Kalasa
 - Technology option-I (TO-I): Cultivation of Chilli variety Arka Tanvi
 - Technology option-II (TO-II): Cultivation of Chilli variety Arka Sanvi
- xiii. Critical Inputs:** chilli seed variety.
- xiv. Unit Size:** 0.5 ha
- xv. No of Replications:** 07
- xvi. Unit Cost:** Rs. 5000/-
- xvii. Total Cost:** Rs. 5000/-
- xviii. Monitoring Indicator:** No. of fruits/ Plant, Yield
- xix. Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** ICAR Annual Report-2021-22

VIII. On-farm trials to be conducted*

i. Season: Year Round

ii. Title of the OFT: Assessment of the performance of FPO's with varied levels of task and commodity to enhance income

iii. Thematic Area: Market Interventions

iv. Problem diagnosed: Low bargain price of the commodity due to unorganized farmers groups, in accessible market by small farmers, middleman exploitation.

v. Important Cause: Non-Assessment of the FPO's performance and additional farmers income.

vi. Production system: Marketing strategies

vii. Micro farming system: Irrigated-medium/Rainfed upland

viii. Technology for Testing:

ix. Existing Practice: Rice-vegetables/vegetable-Vegetable

x. Hypothesis:

xi. Objective(s): To assess the FPO's performance and success marketing of the produce

xii. Treatments:

Farmers Practice (FP): Farmers marketing their produce through Intermediaries/Local traders.

Technology option-I (TO-I): FPO dealing with multicommodity with single task

Technology option-II (TO-II): FPO dealing with multicommodity with multi task

Critical Inputs:

xiii. Unit Size: 2nos. (80 nos. of farmers (sample size 40 in each category)

xiv. No of Replications:

xv. Unit Cost:

xvi. Total Cost: 5000/-

xvii. Monitoring Indicator: Total share capital deposited in the bank, No. of FIGS, no of members, Meeting status, Type of commodity, Volume of commodity, Annual turnover, Annual profit.

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

IX. On-farm trials to be conducted*

i. Season: Kharif 2023-24

ii. Title of the OFT: Assessment of effectiveness of different extension methods to access information on Rice Production.

iii. Thematic Area: ICT in Agriculture.

iv. Problem diagnosed: Poor accessability to accurate & timely information on technical knowledge /advisory in Rice production

v. Important Cause: Lack of technical Knowledge gain among the farmers.

vi. Production system:

vii. Micro farming system: Medium Irrigated

viii. Technology for Testing:

ix. Existing Practice: Rice-Pulse cropping pattern

x. Hypothesis:

xi. Objective(s):

xii. Treatments:

Farmers Practice (FP): Farmers getting information from PRA group, input dealers extension functionaries, mass media and KMA.

Technology option-I (TO-I): FP + short video lecture + focus group discussion

Technology option-II (TO-II): FP+ using Rice-Expert App

Critical Inputs:

xiii. Unit Size: 30

xiv. No of Replications:

xv. Unit Cost:

xvi. Total Cost: 5000/-

xvii. Monitoring Indicator: Timely Availability /delivery of technology, suitability of technology ease in handling the extension method, relation & retrieval of information, Change in Knowledge, user friendliness of the extension methods, continuation of the use of such methods (All parameter to be taken on a three-point scale and measured through weighted matrix.

xviii. Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify): NRRI, Cuttack 2017.

*Repeat the same format for EACH OFT being proposed.

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

Sl. No.	Name of the project	Fund expected (Rs.)
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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 2022	Proposed date during 2023
15.11.2022	December,2023

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.) * 2022-23

Sl. No.	Particulars	Sanctioned	Released	Expenditure	Expected Fund requirement (Rs.) during 2023-24
A. Recurring Contingencies					
1	Pay & Allowances	90,30,000	90,30,000	80,99,376	98,50,000
2	Traveling allowances	1,20,000	1,20,000	1,04,380	1,50,000
3	HRD	30,000	30,000	0	50,000/-
	Contingencies				
A	Office stationaries (OE)	2,40,000	2,40,000	2,40,000	3,50,000
B	POL Vehicle				
C	Meal Refreshment Training	1,80,000	1,80,000	1,80,000	2,00,000
D	Training materials				
E	FLD	90,000	90,000	90,000	
F	OFT	90,000	90,000	90,000	
G	SCSP Contingency	20,00,000	20,00,000	20,00,000	20,00,000
H	Kisan Bhagidari Prathamikta Hamari	66,020	66,020	66,020	-
I	Garib Kalyan Sammelan	64,362	64,362	64,362	-
J	Agri-Startup Conclave	26,092	26,092	26,092	-
K	Swachhta Expenditure	17,250	17,250	17,250	20,000
TOTAL (A)		11,953,724	11,953,724	10,977,376	12,620,000
B. Non-Recurring Contingencies					
1	Office Equipments (IT)	80,000	80,000	80,000	1,00,000
2	Furniture & Fixtures	55,000	55,000	55,000	1,00,000
3	Storage Godown (Works)	5,00,000	5,00,000	5,00,000	-
4	Borewell (Works)	2,00,000	2,00,000	2,00,000	-
5	Vehicle (Tractor)	7,50,000	7,50,000	7,50,000	-
6	Library	10,000	10,000	10,000	10,000
TOTAL (B)		15,95,000	15,95,000	15,95,000	2,20,000/-
GRAND TOTAL (A+B)		13,548,724	13,548,724	12,572,480	12,840,000