

REVISED PROFORMA FOR ACTION PLAN 2022

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 2022 to December 2022)

(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	Package and practice for Short duration pigeon pea	01	01	Isirisinga/ Off	26.05.22	-	-	-	-	-	-	-	-	25
	Integrated weed management in Rice	01	01	Badhiagaon /Off	05.06.22	-	-	-	-	-	-	-	-	25
	INM in Paddy	01	01	Khuntiapad a/Off	18.06.22	-	-	-	-	-	-	-	-	25
	Package and Practice for Kharif Maize.	01	01	Rampur/ Off	01.07.22	-	-	-	-	-	-	-	-	25
	Use and importance of Bio-fertilizer in Crop-production	01	01	Kanakpur, On	26.07.22	-	-	-	-	-	-	-	-	25
	Weed management in Kharif pulses and oilseed	01	01	Baghiapada , On	02.08.22	-	-	-	-	-	-	-	-	25
	Importance of Soil testing.	01	01	Amthapada , On	13.08.22	-	-	-	-	-	-	-	-	25
	Safety and precautions during uses of Herbicides.	01	01	Bandhathar, On	03.09.22	-	-	-	-	-	-	-	-	25
	Importance and waste decomposer alternate to stubble burning.	01	01	Polam, On	22.09.22	-	-	-	-	-	-	-	-	25
	Package and practice of Rabi Mustard	01	01	Kulthakhali , On	02.10.22	-	-	-	-	-	-	-	-	25
	Package and practice of Rabi Ground nut	01	01	Polam, On	23.10.22	-	-	-	-	-	-	-	-	25
Importance of different Millet Crops														
Horticult	INM in brinjal	01	01	Isirisinga/ Off	26.05.22	-	-	-	-	-	-	-	-	25

ure				Off											
	Training on physiological disorder of tomato	01	01	Badhiagaon /Off	05.06.22	-	-	-	-	-	-	-	-	-	25
	Training of agrotechniques of kharif onion	01	01	Khuntiapada/Off	18.06.22	-	-	-	-	-	-	-	-	-	25
	Weed management in okra	01	01	Rampur/Off	01.07.22	-	-	-	-	-	-	-	-	-	25
	INM in chilli	01	01	Kanakpur, On	26.07.22	-	-	-	-	-	-	-	-	-	25
	INM in solanaceous vegetable	01	01	Baghiapada, On	02.08.22	-	-	-	-	-	-	-	-	-	25
	Use of plant growth regulator in vegetable	01	01	Amthapada, On	13.08.22	-	-	-	-	-	-	-	-	-	25
	Agrotechniques of banana cultivation	01	01	Bandhapathar, On	03.09.22	-	-	-	-	-	-	-	-	-	25
	Water management in fruit crops	01	01	Polam, On	22.09.22	-	-	-	-	-	-	-	-	-	25
	Package of practices of oilpalm cultivation	01	01	Kulthakhali, On	02.10.22	-	-	-	-	-	-	-	-	-	25
	off season vegetable cultivation	01	01	Polam, On	23.10.22	-	-	-	-	-	-	-	-	-	25
Plant Protection	IPM modules for BPH management in low land rainfed rice	01	01	Isirisinga/Off	26.05.22	-	-	-	-	-	-	-	-	-	25
	Disease management practices of rice in low land transplanted condition	01	01	Badhiagaon /Off	05.06.22	-	-	-	-	-	-	-	-	-	25
	Integrated pest management of fall army worm in maize	01	01	Khuntiapada/Off	18.06.22	-	-	-	-	-	-	-	-	-	25
	Identification and pest management of cotton in upland rain fed condition	01	01	Rampur/Off	01.07.22	-	-	-	-	-	-	-	-	-	25
	Identification and integrated pest management of viral diseases of vegetables crops	01	01	Kanakpur, On	26.07.22	-	-	-	-	-	-	-	-	-	25
	Identification and pest management of watermelon and pumpkin	01	01	Baghiapada, On	02.08.22	-	-	-	-	-	-	-	-	-	25
	Post harvest management and storage of rabi onion	01	01	Amthapada, On	13.08.22	-	-	-	-	-	-	-	-	-	25
	Identification and pest management of kharif onion	01	01	Bandhapathar, On	03.09.22	-	-	-	-	-	-	-	-	-	25
	Identification and management of storage pests of serials pulses and oilseed	01	01	Isirisinga/Off	26.09.22	-	-	-	-	-	-	-	-	-	25
	Identification & management of	01	01	Badhiagaon /Off	05.10.22	-	-	-	-	-	-	-	-	-	25

	grasshoppers' different crops.														
Agril. Extension	Group leadership and management of SHGs	01	01	Isirisinga/Off	26.05.22	-	-	-	-	-	-	-	-	-	25
	Staggard planting methods in Tomato to avoid glue in Market	01	01	Badhiagaon/Off	05.06.22	-	-	-	-	-	-	-	-	-	25
	Doubling Farmers Income through Integrated Farming System Model	01	01	Khuntiapada/Off	18.06.22	-	-	-	-	-	-	-	-	-	25
	Role of Farmer producer organizations in strengthening farmers economy	01	01	Rampur/Off	01.07.22	-	-	-	-	-	-	-	-	-	25
	Training on marketing linkage on Rabi Onion.	01	01	Kanakpur, On	26.07.22	-	-	-	-	-	-	-	-	-	25
	Integrated Farming system an approach for climate change mitigation and natural resource management.	01	01	Baghiapada, On	02.08.22	-	-	-	-	-	-	-	-	-	25
	Good Agricultural Practices and enhanced resource use efficiency for Doubling Farmer Income.	01	01	Amthapada, On	13.08.22	-	-	-	-	-	-	-	-	-	25
	Grading of Agricultural Produce for marketing and storage.	01	01	Bandhapatthar, On	03.09.22	-	-	-	-	-	-	-	-	-	25
	Farm planning for profit maximization	01	01	Polam, On	22.09.22	-	-	-	-	-	-	-	-	-	25
	Empowerment of Women SHGs through seedling business.	01	01	Kulthakhali, On	02.10.22	-	-	-	-	-	-	-	-	-	25
Training on Nutri-garden or kitchen garden at your backyard and nutri -thali for AWW and farm women	01	01	Patulipada, On	28.10.22	-	-	-	-	-	-	-	-	-	25	
Training for uplifting the FPO activities	01	01	Lundrujhor, On	10.11.22	-	-	-	-	-	-	-	-	-	25	
Preparation of compost from crop residues.	01	01	Gaundisara, On	10.11.22	-	-	-	-	-	-	-	-	-	25	
Pesticide application techniques and safety measures.	01	01	Durgaprasad, On	10.11.22	-	-	-	-	-	-	-	-	-	25	

Forestry	Forest nursery and its management	01	01	Isirisinga/Off	26.05.22	-	-	-	-	-	-	-	-	25
	Growing of Acacia mangium for profit	01	01	Badhiagaon/Off	05.06.22	-	-	-	-	-	-	-	-	25
	Teak farming	01	01	Khuntiapada/Off	18.06.22	-	-	-	-	-	-	-	-	25
	Bund plantation	01	01	Rampur/Off	01.07.22	-	-	-	-	-	-	-	-	25
	Agro-forestry systems	01	01	Kanakpur, On	26.07.22	-	-	-	-	-	-	-	-	25
	Cultivation and utilization of commercially important Medicinal Plants	01	01	Baghiapada, On	02.08.22	-	-	-	-	-	-	-	-	25
	Meeting of fuel wood requirement through homestead forestry	01	01	Amthapada, On	13.08.22	-	-	-	-	-	-	-	-	25
	Cultivation of lemon grass	01	01	Bandhapathar, On	03.09.22	-	-	-	-	-	-	-	-	25
	Environmental pollution	01	01	Polam, On	22.09.22	-	-	-	-	-	-	-	-	25
	Forests and climate change	01	01	Kulthakhali, On	02.10.22	-	-	-	-	-	-	-	-	25
	Social forestry	01	01	Polam, On	23.10.22	-	-	-	-	-	-	-	-	25
	Hill broom grass cultivation for livelihood support.	01	01	Kulthakhali, On	04.11.22	-	-	-	-	-	-	-	-	25
	Saal trees and products derived from it.	01	01	Amthapada, On	26.11.22	-	-	-	-	-	-	-	-	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	Preparation of different Organic inputs for crop improvement	01	02	On	13.12.22	-	-	-	-	-	-	-	-	15
	Integrated Farming system for Doubling of Farmers Income.	01	02	On	10.01.23	-	-	-	-	-	-	-	-	15
Horticulture	Protected cultivation of vegetables	01	02	On	03.12.22	-	-	-	-	-	-	-	-	15
	Post harvest management of vegetables	01	02	On	14.01.23	-	-	-	-	-	-	-	-	15
Plant Protection	Safe use of pesticide, method of spraying & spraying techniques	01	02	On	19.12.22	-	-	-	-	-	-	-	-	15
	Production techniques of	01	02	On	27.01.23	-	-	-	-	-	-	-	-	15

	paddy straw and oyster mushroom production													
Agril. Extension	Income generation through understanding of marketing strategy and marketing channel	01	02	On	07.01.23	-	-	-	-	-	-	-	-	15
	Post harvest management and its value addition of oyster mushroom	01	02	On	23.01.23	-	-	-	-	-	-	-	-	15
	Entrepreneurship development of farmers in rural set up	01	02	On	17.01.23	-	-	-	-	-	-	-	-	15
	Imparted skill training programme to the selected youth for up gradation of skill & knowledge on scientific faming.	01	02	On	13.02.23	-	-	-	-	-	-	-	-	15
Forestry	Propagation of Bamboo through culm cutting method.	01	02	On	11.11.2022	-	-	-	-	-	-	-	-	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	Types of Calculation of Fertilizer doses for Crop	01	01	On	19.02.23	-	-	-	-	-	-	-	-	10
Horticulture	Physiological disorder in fruits crops	01	01	On	27.02.23	-	-	-	-	-	-	-	-	10
Plant Protection	Identification of insect pest & diseases of major crops of Boudh district & its management practices	01	01	On	21.02.23	-	-	-	-	-	-	-	-	10
Agril. Extension	Application of ICT in Agriculture	01	01	On	15.02.23	-	-	-	-	-	-	-	-	10
	Status, challenges and issues in IPRs in agricultural innovation.	01	01	On	04.03.23	-	-	-	-	-	-	-	-	10
Forestry	Lac cultivation	01	01	On	08.03.23	-	-	-	-	-	-	-	-	10

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

Farmers and Farm women:

Thematic Area	No. of Course s	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
Scientific method of paddy cultivation and Importance of Line Sowing.	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Integrated Weed Management in Paddy.	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Importance of growing of pulse crop for alleviating pulse deficit in odisha	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Integrated Nutrient Management in Arhar.	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Awareness on Soil Testing and Soil Health Management	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Awareness on use of Bio-fertilizers for sustainable food production and in increasing soil fertility.	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Safety and precaution for herbicide uses.	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Weed Management in pulses and oilseed crops.	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Importance and Package and practices of millet crop-Ragi	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Package & practices of Rabi oilseed crop-mustard	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Package and practices for cultivation of sweet corn and its market value	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Residue management in Rice by the use of waste Decomposer	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 agrotechniques 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
Agrotechniques of banana cultivation	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Water management in fruit crops	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Package of practices of oilpalm cultivation	01	-	-	-	-	-	-	-	-	-	-	-	-	25
off season vegetable cultivation	01	-	-	-	-	-	-	-	-	-	-	-	-	25
Others, if any (Cultivation of Vegetable)														
TOTAL	11	-	-	-	-	-	-	-	-	-	-	-	-	275

Thematic Area	No. of Course s	No. of Participants									Grand Total			
		SC			ST			Other			M	F	T	
		M	F	T	M	F	T	M	F	T				
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														
Integrated Nutrient Management														
Production and use of organic inputs														
Management of Problematic soils														

Thematic Area	No. of Course s	No. of Participants									Grand Total			
		SC			ST			Other			M	F	T	
		M	F	T	M	F	T	M	F	T				
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 irrigation systems														
Use of Plastics in farming practices														
Production of small tools and implements														
Repair and maintenance of farm														

Thematic Area	No. of Course s	No. of Participants									Grand Total			
		SC			ST			Other			M	F	T	
		M	F	T	M	F	T	M	F	T				
machinery and implements														
Small scale processing and value addition														
Post Harvest Technology														
Others, if any														
TOTAL														
VII. Plant Protection														
IPM modules for BPH management in low land rainfed rice	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Disease management practices of rice in low land transplanted condition	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Integrated pest management of fall army worm in maize	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Identification and pest management of cotton in upland rain fed condition	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Identification and integrated pest management of viral diseases of vegetables crops	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Identification and pest management of watermelon and pumpkin	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Post harvest management and storage of rabi onion	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Identification and pest management of kharif onion	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Identification and management of storage pests of serials pulses and oilseed	1	-	-	-	-	-	-	-	-	-	-	-	-	25
Identification & management of grasshoppers different crops.	1	-	-	-	-	-	-	-	-	-	-	-	-	25
TOTAL	10	-	-	-	-	-	-	-	-	-	-	-	-	250
VIII. Agril. Extension														
Stress management & enhancing work efficiency in agriculture	1	-	-	-	-	-	-	-	-	-	-	-	-	25
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

Thematic Area	No. of Course s	No. of Participants									Grand Total			
		SC			ST			Other			M	F	T	
		M	F	T	M	F	T	M	F	T				
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														
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 of paddy straw and oyster mushroom production	01	-	-	-	-	-	-	-	-	-	-	-	-	15
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														

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			
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	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	01	-	-	-	-	-	-	-	-	-	-	-	10

practices														
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	01	-	-	-	-	-	-	-	-	-	-	-	-	10
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: Crop Management

Thematic Area: Varietal trial

Season: Kharif- 2022

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	CR-Dhan-310: Medium Duration -125-130 Days, Semi-dwarf plant-110cm with medium slender and good grain quality ,yield-4.5 t/ha, & contain 10.2 % Protein.	Effective tillers/ m ² . No of filled grains/Panicle, 1000 grain weight , protein & Zinc %	CR Dhan-310 (Paddy Seed)	5,000	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	Importance of Bio-fortified Rice variety CR-310 & 311	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	-	25

2. Frontline demonstration to be conducted*

Crop: Cotton

Thrust Area: Low Yield due to weed

Thematic Area: Integrated Weed Management

Season: Kharif- 2022

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	Cotton	0.5	Application of Pendimethalin 750g/ha as pre-emergence followed by Pyriithobac-sodium (Nanchaku) 75g/ha as Post-emergence are effective to control grassy as well as broad leaved Weeds in cotton	No. of Weeds /m ² Weed control efficiency, Yield/ha , B:C ratio	Herbicides	2,000	3,500	-	-	-	-	-	-	-	-	-	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 weed management in Cotton	01	F/FW	01	On	-	-	-	-	-	-	-	-	25

3. Frontline demonstration to be conducted*

Crop: Groundnut

Thrust Area: Low yield due to weed

Thematic Area: Integrated Weed Management

Season: Rabi- 2022-23

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	Groundnut	0.5	Pre-emergence application of Oxyflurofen @ 0.04kg/ha, followed by early post emergence of Imazathapyr @0.12kg/ha.	Weeds per meter sq., Weed control efficiency, Yield qt/ha.	Herbicide	1,800	3,000	-	-	-	-	-	-	-	-	-	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 Rabi Groundnut	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

4. Frontline demonstration to be conducted*

Crop: Paddy

Thrust Area: Low soil fertility

Thematic Area: Integrated Nutrient Management

Season: Rabi- 2022-23

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	Application of Pusa decomposer capsule @ 4 capsules in 25 lit of water for 1 ha land	Decomposition period, sowing window for next crop, addition of nutrient through rice residue, B:C ratio, Additional yield, cost of intervention	Pusa capsule	1,000	3,000	-	-	-	-	-	-	-	-	-	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	Use of Pusa decomposer capsules for residue management alternate to stubble management	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

5. Frontline demonstration to be conducted*

Crop: Bittergourd

Thrust Area: Vegetable Production

Thematic Area: Integrated Crop Management

Season: Rabi- 2022-23

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	Bittergourd	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: Tomato

Thrust Area: Hybrid Vegetable Cultivation

Thematic Area: Varietal Evaluation

Season: Rabi- 2022-23

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	Tomato	0.5	Demonstration on tomato hybrid Arka Rakshak	No. of fruits/plant, Yield q/ha	Tomato	1,50,000	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	Cultural Practices of Hybrid Tomato Cultivation	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

7. Frontline demonstration to be conducted*

Crop: Brinjal

Thrust Area: Vegetable Production

Thematic Area: Integrated Nutrient Management

Season: Kharif- 2022

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	Brinjal	0.5	Application of N 125 Kg, P-50, K-50 Kg/ha, 5 kg of Azospirillum & PSB each and foliar application of Boron @ 2gm/lit at water.	Fruit wt., Yield	Brinjal	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	INM in Brinjal	01	F/FW	01	On	-	-	-	-	-	-	-	-	25

8. Frontline demonstration to be conducted*

Crop: Onion

Thrust Area: Vegetable Cultivation

Thematic Area: Varietal Evaluation

Season: Kharif- 2022

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	Onion	0.5	Demonstration on Onion varieties NHRDF Red-4	Bulb diameters, Yield	Onion	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: Lemon Grass

Thrust Area: Utilization of degraded lands

Thematic Area: Income Generation

Season: Kharif- 2022

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	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. Hight of the grass II. Yield of the grasses	Lemon Grass	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

10. Frontline demonstration to be conducted*

Crop: Acacia Mangium

Thrust Area: Agro-Forestry

Thematic Area: Integrated Farming Systems

Season: Kharif- 2022

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 Mangium	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 Mangium	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

11. Frontline demonstration to be conducted*

Crop: Lac Culture

Thrust Area: Minor Forest Product

Thematic Area: Income Generation

Season: Rabi- 2022-23

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	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

12. Frontline demonstration to be conducted*

Crop: Hill broom grass

Thrust Area: Introduction of hill broom cultivation in uncultivable land

Thematic Area: Livelihood support

Season: Kharif- 2022

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	Hill broom grass	0.5	Hollow stem slips with roots of hill broom grass planted at distance of 1ft x 1ft	Height & Growth of broom grass	Hill broom grass	10,400	8,600	-	-	-	-	-	-	-	-	-	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	Hill broom grass for livelihood	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

13. Frontline demonstration to be conducted*

Crop: Paddy Straw Mushroom

Thrust Area: Non-utilization of threshed paddy straw.

Thematic Area: Income Generation

Season: Kharif- 2022

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	Paddy Straw Mushroom	0.5	Var. Volvariella volvaceae, starw-7kg, Feeding material (Pulse powder)(3% of dry substrate), Spawn(3%), soaking (8hrs), followed by pH (6-7), straining (moisture 65%), bed layering, covering with polythene, harvesting at budding stage	Pin head appearance (days) Yield: (Kg/bed)	Paddy Straw Mushroom			-	-	-	-	-	-	-	-	-	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 on paddy straw mushroom production technologies	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

14. Frontline demonstration to be conducted*

Crop: Artificial brooding management in chicks

Thrust Area: High mortality in desi chicks

Thematic Area: Brooding management

Season: Rabi- 2022-23

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	Artificial brooding management in chicks	0.5	Brooding management for 21 days with floor space of 0.3 ft with help of chick guards, artificial heat @1-3 watt/chick, feeder and drinkers @ 1 each for 50 birds. Vaccination against RD on 7th, 28 th day IBD on 14th day.	Chick mortality rate during brooding, (%) Body weight at 21 days, Kg/bird), Survivability of birds till start	Artificial brooding management in chicks			-	-	-	-	-	-	-	-	-	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 on brooding management in chicks	01	F/FW	01	On	-	-	-	-	-	-	-	-	25

15. Frontline demonstration to be conducted*

Crop: Low cost Polyhouse for Nursery raising

Thrust Area: High mortality rate due to improper method of raising seedlings.

Thematic Area: Income Generation

Season: Kharif- 2022

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	Low cost Polyhouse for Nursery raising	0.5	Raising of seedlings under low cost pre-fabricated GI frame and UV stabilised poly film	Mortality (%) Plant growth Yield B:C Ratio	Low cost Polyhouse for Nursery raising			-	-	-	-	-	-	-	-	-	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	1. Training on Nursery Management 2. Training on Nursery raising in low cost Poly house.	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

16. Frontline demonstration to be conducted*

Crop: Management of Onion Thrips

Thrust Area: Low yield of onion due to severe sucking pest incidence.

Thematic Area: Integrated Pest Management

Season: Rabi- 2022-23

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	Management of Onion Thrips	0.5	Need based alternate spray of Methomyl @ 0.8g/l at 30 DAT (with spreader @ 0.5-1%) and Profenophos @ 1ml/lit at 10 days interval	Percentage of leaf curl/ plant No. of affected plant/ sq. meter Yield (q/ha), Net return (Rs/ha,)B:C ratio,	Management of Onion Thrips	59,000	54,000	-	-	-	-	-	-	-	-	-	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 Scucking Pest management in Onion.	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

17. Frontline demonstration to be conducted*

Crop: Fall Army Worm in Maize

Thrust Area: Low Yield of Maize due to high incidence of FAW

Thematic Area: Integrated Pest Management

Season: Kharif- 2022

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	Fall Army Worm in maize	0.5	Application of 5% NSKE/ Azadirachtin 1500 PPM @ 5ml/l of water during egg laying stage to avoid egg hatching. <i>Application of Metarhizium anisopliae @ 5gm/l of water at 15-25 days after sowing</i> Application of Emamectin benzoate @ 0.4 gm/l of water to manage the 2 nd & 3 rd instars larvae.	% of pest infestation No of insect/plant No of plant infested /m2 Yield (q/ha), Net return (Rs/ha,)B:C ratio,	Fall Army Worm in maize	38,000	35,000	-	-	-	-	-	-	-	-	-	-	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 FAW in Maize	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	-	-	25

18. Frontline demonstration to be conducted*

Crop: Management of Stem Borer in Rice

Thrust Area: Low Yield due to severe stem borer infestation.

Thematic Area: Integrate Pest Management

Season: Kharif- 2022

Farming Situation: Rainfed 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	Management of Stem Borer in Rice	0.5	Release <i>Trichogramma chilonis</i> @ 20,000/acre thrice at 7 days interval . First release will be done at 30 DAT One spray of Rynaxypyr 150 ml/ha and one spray of spinetoram 6%+methoxyfenozide 30% SC @ 400 ml/ha alternately at 15 days and 45 DAT	No. of dead heart/sq. meter No. of white earhead/ sq. meter No. of affected tiller/hill Yield (q/ha), Net return (Rs/ha,)B:C ratio,	Management of Stem Borer in Rice	39,000	37,000	-	-	-	-	-	-	-	-	-	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 Stem Borer Management in Rice	01	F/FW	01	On	-	-	-	-	-	-	-	-	-	25

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

19. 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	JK-8031	June- March	0.008	Bulk	2.0 qt	1040	2000	960
Tomato	Laxmi, Arka Samarat	June- March	0.008	Bulk	2.5 qt	1080	2500	1420
Chilli	Pusa Jwala	Oct-Mar	0.004	Bulk	60 kg	480	1500	1020
Cabbage	Harekrushna	Oct-Mar	0.004	Bulk	80 kg	320	1600	1280
Cauliflower	Megha	Oct-Mar	0.004	Bulk	90 kg	360	1800	1440
Onion	Bhima super, Bhima super dark red	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	Rain Booster	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.)

20. 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	-	-	-	-	-	-	-	-	-	-
2.	KisanMela	06	-	-	-	-	-	-	-	-	-	-
3.	KisanGhoshi	03	-	-	-	-	-	-	-	-	-	-
4.	Exhibition	04	-	-	-	-	-	-	-	-	-	-
5.	Film Show	25	-	-	-	-	-	-	-	-	-	-
6.	Method Demonstrations	-	-	-	-	-	-	-	-	-	-	-
7.	Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-
8.	Workshop	02	-	-	-	-	-	-	-	-	-	-
9.	Group meetings	15	-	-	-	-	-	-	-	-	-	-
10.	Lectures delivered as resource persons	04	-	-	-	-	-	-	-	-	-	-
11.	Advisory Services	-	-	-	-	-	-	-	-	-	-	-
12.	Scientific visit to farmers field	200	-	-	-	-	-	-	-	-	-	-
13.	Farmers visit to KVK	350	-	-	-	-	-	-	-	-	-	-
14.	Diagnostic visits	80	-	-	-	-	-	-	-	-	-	-
15.	Exposure visits	03	-	-	-	-	-	-	-	-	-	-
16.	Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	-
17.	Soil health Camp	05	-	-	-	-	-	-	-	-	-	-
18.	Animal Health Camp	-	-	-	-	-	-	-	-	-	-	-

19.	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
20.	Soil test campaigns	05	-	-	-	-	-	-	-	-	-	-
21.	Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-
22.	Self Help Group Conveners meetings	02	-	-	-	-	-	-	-	-	-	-
23.	Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
24.	Celebration of important days (specify)	10	-	-	-	-	-	-	-	-	-	-
25.	Sankalp Se Siddhi	01	-	-	-	-	-	-	-	-	-	-
26.	Swachta Hi Sewa	05	-	-	-	-	-	-	-	-	-	-
27.	Mahila Kisan Diwas	01	-	-	-	-	-	-	-	-	-	-
28.	Any Other (Specify)	-	-	-	-	-	-	-	-	-	-	-
	Total	731	-	-	-	-	-	-	-	-	-	-

21. Revolving Fund (in Rs.)

Opening balance of 2021-2022 (As on 01.04.2021)	Amount proposed to be invested during 2022-2023	Expected Return
117211	225000	150000

22. 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. On-farm trials to be conducted*

- i. **Season:** Kharif-2022 (II nd Year)
- ii. **Title of the OFT:** Assessment of different Sweetcorn varieties in upland Rainfed condition.
- iii. **Thematic Area:** Varietal evaluation
- iv. **Problem diagnosed:** Less awareness on Sweetcorn varieties
- 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:** Sweet corn
- ix. **Existing Practice:** Use of normal corn
- x. **Hypothesis:**
- xi. **Objective(s):** Aware the farmer about sweetcorn
- xii. **Treatments:**
 - Farmers Practice (FP): Cultivation of Sweet Corn variety-Madhuri
 - Technology option-I (TO-I): VL Sweet corn 1(FSCH18): Enhanced sweetness with grain yield (10.8t/ha)
 - Technology option-II (TO-II): Pusa Super Sweet Corn-1-with enhanced sweetness with a good grain (9.3t/ha) and fodder 16.2 (t/ha)
- xiii. **Critical Inputs:** Sweet corn seeds
- xiv. **Unit Size:** 1.0 ha
- xv. **No of Replications:** 07
- xvi. **Unit Cost:** Rs. 4,000/-
- xvii. **Total Cost:** Rs. 4,000/-
- xviii. **Monitoring Indicator:**
- xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** IARI-2018-19

II. On-farm trials to be conducted*

- i. **Season:** Kharif-2022 (New)
- 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:**
- ix. **Existing Practice:** Growing of Pooja Rice variety
- x. **Hypothesis:**
- xi. **Objective(s):** Aware farmers about HYV Paddy
- xii. **Treatments:**
Farmers Practice (FP): Rice Variety Pooja
Technology option-I (TO-I): CR-Dhan-307 Duration -135-140 Days , grain type: short bold, compact panicle with high grain number, plant height: 110 cm, non-lodging, easy threshability, Yield: 4.8 t/ha., resistant against stem borer, leaf folder, WBPH, tolerant to disease like leaf blast, neck blast and brown spot.
Technology option-II (TO-II): CR Dhan-312: Duration-135-140 Days , grain type: medium slender, resistance to leaf blast neck blast and rice tungro disease, Yield 6.4 tn/ha.
- 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:**
- xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** NRRI-2014 & NRRI-2020

III. On-farm trials to be conducted*

- i. **Season:** Kharif-2022 (New)
- ii. **Title of the OFT:** Assessment of combine insecticides for management of major insect pest of rice
- iii. **Thematic Area:** Integrated Pest Management
- iv. **Problem diagnosed:** Severe grain yield loss due to stem borer and Brown plant hopper, LF, gall midge infestation.
Old insecticides are becoming obsolete.
- v. **Important Cause:** Improper management of stem borer
- vi. **Production system:** line transplanting
- vii. **Micro farming system:** Rainfed Low land area
- viii. **Technology for Testing:** Application of combine pesticides to manage the stem borer effectively
- ix. **Existing Practice:** Application of separate pesticide frequently
- x. **Hypothesis:**
- xi. **Objective(s):** Minimize the cost of pesticide and labour
- xii. **Treatments:**
Farmers Practice (FP): Farmers are applying phorate @10 kg/ha, chloropyriphus @1.25 lit/ha
Technology option-I (TO-I): Application of Flubendiamide240 SC + Thiocloprid 240 SC (Belt Expert) @ 300 ml/ha twice i.e. at Tillering & P.I. stage for management of rice stem borer, gall midge, leaf-folder and BPH

Technology option-II (TO-II): Application of Ethiprole 40% + Imidacloprid 40% (Glamore) @ 125 g/ha twice i.e. at Tillering & P.I. stage for management of rice stem borer, gall midge, leaf-folder and BPH

- xiii. Critical Inputs:** Flubendiamide 240 SC + Thiacloprid 240 SC (Belt Expert), Ethiprole 40% + Imidacloprid 40% (Glamore)
- xiv. Unit Size:** 2.0 ha
- xv. No of Replications:** 07
- xvi. Unit Cost:** 9000/-
- xvii. Total Cost:** 9000/-
- xviii. Monitoring Indicator:** No of dead heart/m², No of white ear head/m², leaf folder %, gall midge %
- xix. Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** RRTTS, Bhubaneswar OUAT, 2017

IV. On-farm trials to be conducted*

- i. Season:** Kharif-2022 (New)
- ii. Title of the OFT:** Assessment of Eco-friendly management of pod borer complex in pigeonpea
- iii. Thematic Area:** Integrated Pest Management
- iv. Problem diagnosed:** Low yield of pigeon pea due to high infestation of pod borer complex during flowering and pod formation stage of the crop.
- v. Important Cause:** High incidence of pod borer complex during flowering and pod initiation stage due to lack of knowledge about management of borer complex
- vi. Production system:** Line sowing
- vii. Micro farming system:** Rainfed upland
- viii. Technology for Testing:** Application of bio pesticides with new generation pesticides
- ix. Existing Practice:** Farmers are applying trizophus and profenophus
- x. Hypothesis:**
- xi. Objective(s):** Eco-friendly management of pod borer complex in pigeonpea crop
- xii. Treatments:**
- xiii.** Farmers Practice (FP): Farmers are applying trizophus and profenophus
Technology option-I (TO-I): Application of Azadirachtin 0.15% @ 1.5 Lit./ ha + Spinosad 45 SC @ 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 + Emamectin Benzoate 5 SG @ 200 gm / ha at 50% flowering and second 15-20 days after 1ST spraying.
- xiv. Critical Inputs:** Azadirachtin, Spinosad 45 SC & Emamectin Benzoate 5 SG
- xv. Unit Size:** 2.0
- xvi. No of Replications:** 07
- xvii. Unit Cost:** 8500/-
- xviii. Total Cost:** 8500/-
- xix. Monitoring Indicator:** No of damaged pod/plant, % of infestation
- xx. Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** RRTTS, Station Trail, OUAT, BBSR 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) :

Sl. No.	Name of the project	Fund expected (Rs.)
1.	Mission shakti	350000/-

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 2021	Proposed date during 2022
11.01.2021	December,2022

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.)*

Heads	Expenditure (last year) (Rs.) up to 31.03.2021	Expected fund requirement (Rs.) during 2022-23
Office stationaries (OE) & POL Vehicle	440000	550000
Meal Refreshment Training		350000
Training materials	330000	
FLD	165000	200000
OFT	165000	170000
SCSP Contingency	900000	1000000
HRD	30000	30000
Library	10000	10000
Swachhta Expenditure	15000	30000
Equipment & Furniture	200000	400000
Works	500000	1000000
Land development of Instructional farm	-	1000000
Construction of storage godown	0	600000
Total	27,55,000	54,40,000

* Any additional requirement may be suitably justified.