ACTION PLAN

(January to December 2022)

KRISHI VIGYAN KENDRA, ARWAL

(BIHAR AGRICULTURAL UNIVERSITY, SABOUR, BHAGALPUIR)

ACTION PLAN 2022

1. Name of the KVK: Krishi Vigyan Kendra, Arwal

Address	Telephone		E mail
Krishi Vigyan Kendra, Arwal At – Lodipur, Post – Sarwarpur, PS – Mahendia Block – Kaler, District- Arwal, Pin – 804428 (Bihar)	+91-89871 93648	-	arwalkvk@gmail.com

2.Name of host organization:

Address	Telephone		E mail
	Office	FAX	
Bihar Agricultural University, Sabour, Bhagalpur	0641-2452606	0641 - 2452604	deebausabour@gmail.com

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

Q-I (Jan-Mar 2022), **Q-II** (Apr-Jun 2022), **Q-III** (Jul-Sep 2022) and **Q-IV** (Oct-Dec 2022)

(a) Farmers and farmwomen

Thematic Area	Title of Training	No.	Dur.	Venue On /Off	Tentative Date	No. of Participants								
						SC		ST		Others		Total		
						M	F	M	F	M	F	M	F	T
Crop Production														
ICM	Integrated crop management of pulses	1	1	Off	Q-I	20	2	2	1	0	0	22	3	25
Water Management	Water management of Wheat	1	1	Off	Q-I	20	2	2	1	0	0	22	3	25
Weed Management	Weed management of Wheat	1	1	Off	Q-I	20	2	2	1	0	0	22	3	25
ICM	Scientific cultivation of Summer moong.	2	1	Off	Q-I	40	4	4	2	0	0	44	6	50
ICM	Weed management of Lentil	1	1	Off	Q-I	20	2	2	1	0	0	22	3	25
ICM	Scientific cultivation of Summer moong.	2	1	Off	Q-II	40	4	4	2	0	0	44	6	50
Soil & Water Testing	Soil sampling techniques	1	1	On	Q-II	20	2	2	1	0	0	22	3	25
RCT	Scientific cultivation of dry sown Rice.	1	2	On	Q-II	20	2	2	1	0	0	22	3	25
ICM	Different constituents of organic farming	1	2	On	Q-II	20	2	2	1	0	0	22	3	25
Nursery management	Management of Paddy nursery	1	1	Off	Q-II	20	2	2	1	0	0	22	3	25
INM	INM in transplanted Rice crops	1	1	Off	Q-II	20	2	2	1	0	0	22	3	25
Weed management	Integrated weed management in Paddy	1	1	On	Q-III	20	2	2	1	0	0	22	3	25
INM	Nutrient management in Rice-wheat cropping system	1	1	Off	Q-III	20	2	2	1	0	0	22	3	25

Thematic Area	Title of Training	No.	Dur.	Venue On /Off	Tentative Date	No. of Participants								
						SC		ST		Others		Total		
						M	F	M	F	M	F	M	F	T
Water Management	Water management in Paddy.	1	1	On	Q-III	20	2	2	1	0	0	22	3	25
ICM	Nitrogen management of Paddy crop	1	1	Off	Q-III	20	2	2	1	0	0	22	3	25
ICM	Components of Natural farming	1	1	On	Q-III	20	2	2	1	0	0	22	3	25
ICM	Natural farming	1	1	Off	Q-III	20	2	2	1	0	0	22	3	25
Organic Farming	Organic Farming of Paddy	1	1	Off	Q-III	20	2	2	1	0	0	22	3	25
RCT	Zero tillage techniques for Rabi crops	2	1	Off	Q-IV	40	4	4	2	0	0	44	6	50
IWM	Integrated weed management in Wheat.	1	1	Off	Q-IV	20	2	2	1	0	0	22	3	25
ICM	Natural farming	1	1	On	Q-IV	20	2	2	1	0	0	22	3	25
ICM	Organic farming	1	1	On	Q-IV	20	2	2	1	0	0	22	3	25
ICM	Scientific cultivation of late sown wheat	1	1	Off	Q-IV	20	2	2	1	0	0	22	3	25
ICM	Cultivation of Wheat by zero tillage	1	1	On	Q-IV	20	2	1	0	22	3	43	5	48
ICM	Nutrient and water management for late sown wheat	1	1	Off	Q-IV	20	2	2	1	0	0	22	3	25
Plant Protection														
IDM	Management of early and late blight in potato and tomato	2	1	Off/On	Q-I	40	4	4	2	0	0	44	6	50
IPM	Various method of seed treatment.	1	1	Off	Q-I	20	2	2	1	0	0	22	3	25
IDM	IDM in rapseed and mustard	1	1	Off	Q-I	20	2	2	1	0	0	22	3	25
IPM	Insect pest management in Onion	1	1	On	Q-I	20	2	2	1	0	0	22	3	25
IPM	Insect pest management in Chilli.	1	1	Off	Q-I	20	2	2	1	0	0	22	3	25
IPM	Insect pest management in Pulses	1	1	Off	Q-I	20	2	2	1	0	0	22	3	25
IDM	Integrated disease management of Mango.	1	1	On	Q-I	20	2	2	1	0	0	22	3	25
IPM	IPM in Green gram	1	1	Off	Q-II	20	2	2	1	0	0	22	3	25
IPM	IPM and IDM in Bitter gourd	1	1	Off	Q-II	20	2	2	1	0	0	22	3	25
IPM	Scientific and safe storage of cereal and pulses	1	1	Off	Q-II	20	2	2	1	0	0	22	3	25
IDM	Integrated Pest and Disease Management in Orchard	1	1	On	Q-II	20	2	2	1	0	0	22	3	25
IPM	Integrated Pest Management in summer cucurbitaceous vegetables	1	1	Off	Q-II	20	2	2	1	0	0	22	3	25
IDM	Technique and importance of seed treatment in Rice	1	1	On	Q-II	20	2	2	1	0	0	22	3	25
IDM	Integrated Disease Management in summer cucurbitaceous vegetables	1	1	Off	Q-II	20	2	2	1	0	0	22	3	25
IDM	IDM in Rice	1	2	On	Q-III	20	2	2	1	0	0	22	3	25
IPM	IPM in Rice	1	2	On	Q-III	20	2	2	1	0	0	22	3	25

Thematic Area	Title of Training	No.	Dur.	Venue On /Off	Tentative Date	No. of Participants								
						SC		ST		Others		Total		
						M	F	M	F	M	F	M	F	T
IPM	Important insect pest of Okra.	1	1	Off	Q-III	20	2	2	1	0	0	22	3	25
Bio-control of pests and diseases	Management of Rice pest and diseases through Bio-agents	1	1	Off	Q-III	20	2	2	1	0	0	22	3	25
IDM	Disease management in Pigeon pea.	1	1	Off	Q-III	20	2	2	1	0	0	22	3	25
IPM	Integrated Pest and Disease Management in Orchard	1	1	Off	Q-III	20	2	2	1	0	0	22	3	25
IPM	Management of important insect pest in Brinjal.	1	1	Off	Q-III	20	2	2	1	0	0	22	3	25
IDM	IDM in Wheat.	1	1	Off	Q-IV	20	2	2	1	0	0	22	3	25
IPM	Important of seed treatment in Rabi crops	1	1	On	Q-IV	20	2	2	1	0	0	22	3	25
IPM	Management of insect pest in Pulses.	1	1	Off	Q-IV	20	2	2	1	0	0	22	3	25
IDM	IDM in Pulses.	1	1	On	Q-IV	20	2	2	1	0	0	22	3	25
IPM	IPM in cole crops	1	1	Off	Q-IV	20	2	2	1	0	0	22	3	25
IPM	Aphid control in Mustard	1	1	On	Q-IV	20	2	2	1	0	0	22	3	25
IDM	IDM in winter vegetables	1	1	Off	Q-IV	20	2	2	1	0	0	22	3	25
Horticulture														
Protective cultivation (Green Houses, Shade Net etc.)	Scientific cultivation technique of capsicum and tomato	1	1	On	Q-I	2	1	0	0	20	2	22	3	25
Production and Management technology	Scientific cultivation and management of zaid vegetables.	1	1	On	Q-I	2	1	0	0	20	2	22	3	25
Integrated nutrient management	Management of new Guava orchard	1	1	Off	Q-I	2	1	0	0	20	2	22	3	25
Production of low volume and high value crops	Importance of nutrients for fruit crop cultivation	1	1	Off	Q-I	2	1	0	0	20	2	22	3	25
Yield increment	Vegetable crop management in summer season	1	2	On	Q-II	2	1	0	0	20	2	22	3	25
ICM	Techniques of root vegetable cultivation	1	1	On	Q-III	2	1	0	0	20	2	22	3	25
Training and Pruning	Canopy management of Horticultural crops (Mango & Guava)	1	1	On	Q-III	2	1	0	0	20	2	22	3	25
ICM	Modern technology for Kharif season's vegetable	1	1	Off	Q-III	2	1	0	0	20	2	22	3	25
Nursery raising	Technique for nursery management raising for Rabi season's veg.	1	1	On	Q-III	2	1	0	0	20	2	22	3	25
Rejuvenation of old orchards	Rejuvenation of Mango, Guava and Litchi orchard	1	2	On	Q-III	2	1	0	0	20	2	22	3	25
ICM	Cultivation practices for Rabi season's vegetable in tomato	1	1	On	Q-IV	2	1	0	0	20	2	22	3	25
Crop Management	Agronomical management practices for Potato	1	1	Off	Q-IV	2	1	0	0	20	2	22	3	25

Thematic Area	Title of Training	No.	Dur.	Venue On /Off	Tentative Date	No. of Participants								
						SC		ST		Others		Total		
						M	F	M	F	M	F	M	F	T
INM	Cultivation and nutrient management of leafy vegetables.	1	1	Off	Q-IV	2	1	0	0	20	2	22	3	25
Production and Management Technology	Scientific cultivation of Dhania & Methi	1	1	Off	Q-IV	2	1	0	0	20	2	22	3	25
Production and Management Technology	Importance and scientific cultivation of Medicinal & Aromatic plants	1	1	Off	Q-IV	2	1	0	0	20	2	22	3	25
Seed Production	Technique of TPS	1	1	Off	Q-IV	2	1	0	0	20	2	22	3	25
INM	Importance of nutrients for vegetable cultivation	1	1	Off	Q-IV	2	1	0	0	20	2	22	3	25
Home Science														
Household food security by kitchen gardening and nutrition gardening	Cultivation of oyster mushroom for good health	1	1	OFF	Q-I	1	2	0	0	2	20	3	22	25
Household food security by kitchen gardening and nutrition gardening	How to prepare nutritional garden	1	1	OFF	Q-I	1	2	0	0	2	20	3	22	25
Household food security by kitchen gardening and nutrition gardening	Food security by kitchen gardening	1	1	ON	Q-I	1	2	0	0	2	20	3	22	25
Enterprise development	Oyster mushroom production	1	1	OFF	Q-I	1	2	0	0	2	20	3	22	25
Household food security by kitchen gardening and nutrition gardening	Cultivation of oyster mushroom for good health.	1	1	ON	Q-I	1	2	0	0	2	20	3	22	25
Enterprise development	Mushroom production and their product	1	1	OFF	Q-I	1	2	0	0	2	20	3	22	25
Enterprise development	Cultivation of oyster mushroom for good health	1	1	OFF	Q-I	1	2	0	0	2	20	3	22	25
Household food security by kitchen gardening and nutrition gardening	How to prepare Nutritional Garden for good health.	1	1	OFF	Q-I	1	2	0	0	2	20	3	22	25
Women and Child care	Nutritional requirement for pregnant and lactating women/mother	1	1	OFF	Q-I	1	2	0	0	2	20	3	22	25
Household food security by kitchen gardening and nutrition gardening	Food security by kitchen gardening	1	1	OFF	Q-I	1	2	0	0	2	20	3	22	25
Enterprise development	Oyster mushroom cultivation	1	1	OFF	Q-I	1	2	0	0	2	20	3	22	25
Women and Child care	Food prepare from locally available materials for 6 to 15 month child	1	1	OFF	Q-I	1	2	0	0	2	20	3	22	25
Enterprise development	Oyster mushroom cultivation	1	1	OFF	Q-I	1	2	0	0	2	20	3	22	25
Enterprise development	Oyster mushroom cultivation	1	1	OFF	Q-I	1	2	0	0	2	20	3	22	25

Thematic Area	Title of Training	No.	Dur.	Venue On /Off	Tentative Date	No. of Participants								
						SC		ST		Others		Total		
						M	F	M	F	M	F	M	F	T
Household food security by kitchen gardening and nutrition gardening	House hold food security by kitchen gardening.	1	1	OFF	Q-II	1	2	0	0	2	20	3	22	25
Design and development of low/minimum cost diet	Awareness about daily requirement of nutrients	1	1	OFF	Q-II	1	2	0	0	2	20	3	22	25
Value addition	Value addition in ragi by making ragi laddu	1	1	OFF	Q-II	1	2	0	0	2	20	3	22	25
Household food security by kitchen gardening and nutrition gardening	Development of kitchen garden for Kharif season for food security	1	1	OFF	Q-II	1	2	0	0	2	20	3	22	25
Women and Child care	Preparation of supplementary food for 6-18 months old children through wheat and ragi	1	1	ON	Q-II	1	2	0	0	2	20	3	22	25
Value addition	Value addition in potato by making potato chips and potato lachcha .	1	1	ON	Q-II	1	2	0	0	2	20	3	22	25
Women and Child care	Awareness about daily requirement of nutrients	1	1	OFF	Q-II	1	2	0	0	2	20	3	22	25
Value addition	Value addition in potato by making potato chips	1	1	OFF	Q-II	1	2	0	0	2	20	3	22	25
Enterprise development	Benefit of mushroom production	1	1	OFF	Q-II	1	2	0	0	2	20	3	22	25
Household food security by kitchen gardening and nutrition gardening	Food security by nutritional garden for good health.	1	1	OFF	Q-II	1	2	0	0	2	20	3	22	25
Enterprise development	Milky mushroom cultivation	1	1	OFF	Q-II	1	2	0	0	2	20	3	22	25
Household food security by kitchen gardening and nutrition gardening	House hold food security by kitchen gardening.	1	1	OFF	Q-III	1	2	0	0	2	20	3	22	25
Women and child care	Preparation of food for pregnant women through wheat. chana and ragi	1	1	OFF	Q-III	1	2	0	0	2	20	3	22	25
Household food security by kitchen gardening and nutrition gardening	House hold food security by kitchen gardening.	1	1	OFF	Q-III	1	2	0	0	2	20	3	22	25
Value addition	Value addition in food grain.	1	1	ON	Q-III	1	2	0	0	2	20	3	22	25
Women and child care	Child care and their development.	1	1	OFF	Q-III	1	2	0	0	2	20	3	22	25
Women and child care	Low-cost nutrient recipes for pre-school children.	1	1	ON	Q-III	1	2	0	0	2	20	3	22	25
Storage loss minimization techniques	Minimization of nutrient loss in processing.	1	1	OFF	Q-IV	1	2	0	0	2	20	3	22	25
Value addition	Preparation of different products from aonla.	1	1	ON	Q-IV	1	2	0	0	2	20	3	22	25

Thematic Area	Title of Training	No.	Dur.	Venue On /Off	Tentative Date	No. of Participants								
						SC		ST		Others		Total		
						M	F	M	F	M	F	M	F	T
Enterprise development	Training for small enterprise by making pulses papad .	1	1	ON	Q-IV	1	2	0	0	2	20	3	22	25
Value addition	Preservation of Winter fruits and vegetables.	1	1	ON	Q-IV	1	2	0	0	2	20	3	22	25
Vet. Sc. & A.H.														
Feed management	Balanced ration preparation for milch animal.	1	1	On	Q-I	2	1	0	0	20	2	22	3	25
Sheep & Goat farming	Management of small animals in winter season.	1	1	OFF	Q-I	2	1	0	0	20	2	22	3	25
Poultry Management	Backyard poultry farming.	1	1	OFF	Q-I	2	1	0	0	20	2	22	3	25
Disease Management	Cause of infertility and their management in dairy animals.	1	1	OFF	Q-I	2	1	0	0	20	2	22	3	25
Feed management	Feeding managements of pregnant cow.	1	1	OFF	Q-I	2	1	0	0	20	2	22	3	25
Dairy Management	Clean milk production	1	1	On	Q-I	2	1	0	0	20	2	22	3	25
Disease Management	Prevention and cure of worm infestation.	1	1	OFF	Q-I	2	1	0	0	20	2	22	3	25
Feed management	Balanced ration preparation for milch animal.	1	1	Off	Q-II	2	1	0	0	20	2	22	3	25
Dairy Management	Techniques of productivity enhancement of dairy animals.	1	1	OFF	Q-II	2	1	0	0	20	2	22	3	25
Dairy Management	Management of Dairy animals in summer season.	1	1	OFF	Q-II	2	1	0	0	20	2	22	3	25
Disease Management	Prevention and cure of worm infestation.	1	1	OFF	Q-II	2	1	0	0	20	2	22	3	25
Piggery	Pig farming	1	1	OFF	Q-II	2	1	0	0	20	2	22	3	25
Disease Management	Management of common diseases of dairy animals in rainy season	1	1	OFF	Q-III	2	1	0	0	20	2	22	3	25
Production of quality animal products	Different types of milk products.	1	1	On	Q-III	2	1	0	0	20	2	22	3	25
Sheep & Goat farming	Management of kids.	1	1	OFF	Q-III	2	1	0	0	20	2	22	3	25
Disease Management	Management in mastitis.	1	1	OFF	Q-III	2	1	0	0	20	2	22	3	25
Disease Management	Schedule and method of vaccination of cattle.	1	1	OFF	Q-III	2	1	0	0	20	2	22	3	25
Pig Farming	Pig farming	1	1	On	Q-III	2	1	0	0	20	2	22	3	25
Dairy Management	Dairy co-operative societies and its role in rural economy.	1	1	Off	Q-IV	2	1	0	0	20	2	22	3	25
Dairy Management	Characteristics feature of breed of cattle.	1	1	On	Q-IV	2	1	0	0	20	2	22	3	25
Poultry Management	Broiler farming.	1	1	OFF	Q-IV	2	1	0	0	20	2	22	3	25
Disease Management	Management of calves/kids in winter.	1	1	OFF	Q-IV	2	1	0	0	20	2	22	3	25
Quail farming	Quail Farming	1	1	On	Q-IV	2	1	0	0	20	2	22	3	25

(b) Rural youths

Thematic Area	Title	No.	Dur.	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Others		Total		
						M	F	M	F	M	F	M	F	T
Crop Production														
Integrated farming	Seed Production	1	4	On	Q-I	2	1	20	2	0	0	22	3	25
Plant Protection														
Bee-keeping	Bee-keeping	2	5	On	Q-II	4	2	40	4	0	0	44	6	50
Mushroom Production	Mushroom Production	1	5	On	Q-IV	2	1	20	2	0	0	22	3	25
Horticulture														
Protected cultivation of vegetable crops	Cultivation of lobea and other vegetables.	1	2	On	Q-I	2	1	0	0	20	2	22	3	25
Nursery Management of Horticulture crops	Nursery management for establishment of new orchards	1	4	On	Q-II	2	1	0	0	20	2	22	3	25
Planting material production	Techniques of propagation of fruit crops.	1	6	On	Q-III	2	1	0	0	20	2	22	3	25
Commercial fruit production	Techniques and importance of high-density plantation.	1	4	On	Q-III	2	1	0	0	20	2	22	3	25
Commercial fruit production	Effective care and management of fruit crops.	1	4	On	Q-IV	2	1	0	0	20	2	22	3	25
Home Science														
Value addition	Preparation of potato chips, potato papad and potato lachha	1	3	On	Q-I	1	2	0	0	2	20	3	22	25
Value addition	Value addition in Rice by making rice product	1	3	On	Q-I	1	2	0	0	2	20	3	22	25
Design and development of low-cost diet	Awareness about daily requirement of nutrients	1	1	Off	Q-II	1	2	0	0	2	20	3	22	25
House hold food security by kitchen gardening	House hold food security by kitchen gardening	1	1	On	Q-II	1	2	0	0	2	20	3	22	25
Value Addition	Preparation of rice papad with the help of value addition in rice	1	1	On	Q-III	1	2	0	0	2	20	3	22	25
Rural Craft	Bottle painting, Flower making, Pot making with old paper, Wall painting with papal leaf, Shagun lifafa making	1	6	On	Q-III	1	2	0	0	2	20	3	22	25
Income generation	Income generation by Pickles and squash preparation	1	4	On	Q-III	1	2	0	0	2	20	3	22	25
Tailoring and stitching	Embroidery on cloth and stitching	1	6	On	Q-IV	1	2	0	0	2	20	3	22	25
Rural craft	Women empowerment through cloth painting & tie and die.	1	5	On	Q-IV	1	2	0	0	2	20	3	22	25
Value addition	Preparation of different types of Jam and jellies from locally available fruits and veg.	1	4	On	Q-IV	1	2	0	0	2	20	3	22	25
Vet. Sc. & A.H.														
Sheep & Goat Rearing	Goatry in Rural area	1	7	Off	Q-I	2	1	0	0	20	2	22	3	25
Dairy Management	Scientific dairy farming.	1	5	On	Q-II	2	1	0	0	20	2	22	3	25
Disease Management	Preventive measures against the common diseases in dairy animals.	1	2	Off	Q-III	2	1	0	0	20	2	22	3	25
Poultry Farming	Poultry Production	1	5	On	Q-IV	2	1	0	0	20	2	22	3	25
Quality animal products	Quality animal products	2	2	On	Q-IV	4	2	0	0	40	4	44	6	50

(c) Extension functionaries

Thematic Area	Title	No.	Dur.	Value On/Off	Tentative Date	No. of Participants								
						SC		ST		Others		Total		
						M	F	M	F	M	F	M	F	T
Crop Production														
Productivity enhancement	Productivity enhancement of Kharif crops	1	2	On	Q-II	20	2	2	1	0	0	22	3	25
Productivity enhancement	Productivity enhancement of Rabi crops	1	2	On	Q-IV	20	2	2	1	0	0	22	3	25
Plant Protection														
IPM	Integrated pest and disease Management in Kharif crops	1	2	On	Q-III	20	2	2	1	0	0	22	3	25
IPM	Integrated pest and disease Management in Rabi crops	1	2	On	Q-IV	20	2	2	1	0	0	22	3	25
Horticulture														
Productivity enhancement in field crops	Nursery management for income generation	1	2	On	Q-I	2	1	0	0	14	1	16	2	18
Integrated Nutrient Management	INM for Nursery Management	1	2	On	Q-III	2	1	0	0	14	1	16	2	18
Home Science														
Women and Child care	Food preparation from locally available material for infant and pregnant lady.	1	2	ON	Q-III	2	20	1	2	0	0	3	22	25
Value addition	Mushroom cultivation and preparation of mushroom products	1	2	ON	Q-IV	2	20	1	2	0	0	3	22	25
Vet. Sc. & A.H.														
Dairy Management	Economic dairy farming.	1	2	Off	Q-IV	2	1	0	0	14	1	16	2	18
Poultry	Poultry Production	1	2	On	Q-IV	2	1	0	0	14	1	16	2	18

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

Farmers and Farm women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	3	60	6	66	6	3	9	0	0	0	66	9	75
Resource Conservation Technologies	3	60	6	66	6	3	9	0	0	0	66	9	75
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management	3	60	6	46	6	3	6	0	0	25	66	9	75
Seed production													
Nursery management	1	20	2	22	2	1	3	0	0	0	22	3	25
Integrated Crop Management	15	300	30	330	30	15	45	0	0	0	330	45	375
Fodder production													
Production of organic inputs	1	20	2	22	2	1	3	0	0	0	22	3	25
Others, (INM)	2	40	4	44	4	2	6	0	0	0	44	6	50
TOTAL	**28**	**560**	**56**	**596**	**56**	**28**	**81**	**0**	**0**	**25**	**616**	**84**	**700**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	3	60	6	66	6	3	9	0	0	0	66	9	75
Water management													
Enterprise development													
Skill development													
Yield increment	2	40	4	44	4	2	6	0	0	0	44	6	50
Production of low volume and high value crops	1	20	2	22	2	1	3	0	0	0	22	3	25
Off-season vegetables													
Nursery raising	1	20	2	22	2	1	3	0	0	0	22	3	25
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)	2	40	4	44	4	2	6	0	0	0	44	6	50
Others, if any (Cultivation of Vegetable)	4	80	8	88	8	4	12	0	0	0	88	12	100
TOTAL	**13**	**260**	**26**	**286**	**26**	**13**	**39**	**0**	**0**	**0**	**286**	**39**	**325**
b) Fruits													
Training and Pruning													
Layout and Management of Orchards	1	20	2	22	2	1	3	0	0	0	22	3	25
Cultivation of Fruit	1	20	2	22	2	1	3	0	0	0	22	3	25
Management of young plants/orchards	1	20	2	22	2	1	3	0	0	0	22	3	25
Rejuvenation of old orchards	1	20	2	22	2	1	3	0	0	0	22	3	25
Export potential fruits													
Micro irrigation systems of orchards													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Plant propagation techniques													
Others, if any (Planting Materials)													
TOTAL	**4**	**80**	**8**	**88**	**8**	**4**	**12**	**0**	**0**	**0**	**88**	**12**	**100**
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops													
Production and Management technology	1	20	2	22	2	1	3	0	0	0	22	3	25
Processing and value addition													
Others, if any													
TOTAL	**1**	**20**	**2**	**22**	**2**	**1**	**3**	**0**	**0**	**0**	**22**	**3**	**25**
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology	2	40	4	44	4	2	6	0	0	0	44	6	50
Post-harvest technology and value addition													
Others, if any													
TOTAL	**2**	**40**	**4**	**44**	**4**	**2**	**6**	**0**	**0**	**0**	**44**	**6**	**50**
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IV. Livestock Production and Management													
Dairy Management	5	100	10	110	10	5	15	0	0	0	110	15	125
Poultry Management	2	40	4	44	4	2	6	0	0	0	44	6	50
Piggery Management	2	40	4	44	4	2	6	0	0	0	44	6	50
Rabbit Management													
Disease Management	7	140	14	154	14	7	21	0	0	0	154	21	175
Feed management	3	60	6	66	6	3	9	0	0	0	66	9	75
Production of quality animal products	1	20	2	22	2	1	3	0	0	0	22	3	25
Others, if any (Goat farming/Qual farming)	3	60	6	66	6	3	9	0	0	0	66	9	75
TOTAL	**23**	**460**	**46**	**506**	**46**	**23**	**69**	**0**	**0**	**0**	**506**	**69**	**575**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	11	14	140	154	7	14	21	0	0	0	21	154	175
Design and development of low/minimum cost diet	1	2	20	22	1	2	3	0	0	0	3	22	25
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	2	20	22	1	2	3	0	0	0	3	22	25
Enterprise development	9	14	140	154	7	14	21	0	0	0	21	154	175
Value addition	6	14	140	154	7	14	21	0	0	0	21	154	175
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Women and child care	7	14	140	154	7	14	21	0	0	0	21	154	175
Others, if any													
TOTAL	**35**	**60**	**600**	**660**	**30**	**60**	**90**	**0**	**0**	**0**	**90**	**660**	**750**
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any													
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII. Plant Protection													
Integrated Pest Management	16	320	32	352	32	16	48	0	0	0	352	48	400
Integrated Disease Management	12	240	24	244	24	12	33	0	0	25	264	36	300
Bio-control of pests and diseases	1	20	2	22	2	1	3	0	0	0	22	3	25
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL	**29**	**580**	**58**	**618**	**58**	**29**	**84**	**0**	**0**	**25**	**638**	**87**	**725**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XII. Others (Pl. Specify)													
TOTAL	**135**	**2060**	**800**	**2820**	**230**	**160**	**384**	**0**	**0**	**50**	**2290**	**960**	**3250**

Rural youth

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	1	20	2	22	2	1	3	0	0	0	22	3	25
Bee-keeping	2	40	4	44	4	2	6	0	0	0	44	6	50
Integrated farming	1	20	2	22	2	1	3	0	0	0	22	3	25
Seed production	1	20	2	22	2	1	3	0	0	0	22	3	25
Production of organic inputs													
Planting material production	1	20	2	22	2	1	3	0	0	0	22	3	25
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops	1	20	2	22	2	1	3	0	0	0	22	3	25
Commercial fruit production	2	40	4	44	4	2	6	0	0	0	44	6	50
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	5	10	100	110	5	10	15	0	0	0	15	110	125
Production of quality animal products	2	40	4	44	4	2	6	0	0	0	44	6	50
Dairying	2	40	4	44	4	2	6	0	0	0	44	6	50
Sheep and goat rearing	1	20	2	22	2	1	3	0	0	0	22	3	25
Quail farming													
Piggery													
Rabbit farming													
Poultry production	1	20	2	22	2	1	3	0	0	0	22	3	25
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	1	2	20	22	1	2	3	0	0	0	3	22	25
Rural Crafts	2	4	40	44	2	4	6	0	0	0	6	44	50
Enterprise development	1	2	20	22	1	2	3	0	0	0	3	22	25
Others if any	1	2	20	22	1	2	3	0	0	0	3	22	25
TOTAL	**25**	**320**	**230**	**550**	**40**	**35**	**75**	**0**	**0**	**0**	**360**	**265**	**625**

Extension functionaries

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	2	40	4	44	4	2	6	0	0	0	44	6	50
Integrated Pest Management	2	40	4	44	4	2	6	0	0	0	44	6	50
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition	1	2	20	22	1	2	3	0	0	0	3	22	25
Protected cultivation technology	1	20	2	22	2	1	3	0	0	0	22	3	25
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	2	40	4	44	4	2	6	0	0	0	44	6	50
Livestock feed and fodder production													
Household food security													
Women and Child care	1	2	20	22	1	2	3	0	0	0	3	22	25
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification	1	20	2	22	2	1	3	0	0	0	22	3	25
Others if any													
TOTAL	**9**	**144**	**54**	**198**	**16**	**11**	**27**	**0**	**0**	**0**	**160**	**65**	**225**

4. Frontline demonstration to be conducted*

FLD 01: 2022-23 Discipline: Crop Production

Crop	Paddy
Thrust Area	Productivity enhancement of paddy by varietal replacement.
Thematic Area	ICM
Season	Kharif 2022
Farming Situation	Medium upland to low 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/ha)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Paddy (Var. Sabour Shree)	10.0	Seed, seed treating chemicals	Pl. ht., Panicle length, test weight, yield	Seed	37800	37500	5	0	0	0	20	0	25	0	25

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	Yield enhancement of Paddy	2	PF	2 days	Off	5	0	0	0	20	0	25	0	25
Field day	Field day	2	PF	2 days	Off	10	0	0	0	70	0	80	0	80

FLD 02: 2022-23 Discipline: Crop Production

Crop	Wheat
Thrust Area	Productivity enhancement of wheat by selection of suitable wheat variety and appropriate herbicides.
Thematic Area	ICM
Season	Rabi 2022-23
Farming Situation	Medium and medium low 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.	Wheat (Var. HD 2967)	10.0	Seed, Herbicides and seed treating chemicals	Pl. ht., ear head length, test weight, yield	Seed, herbicides and Carbendazim	33700	33000	5	0	0	0	20	0	25	0	25

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	Yield enhancement of Wheat	1	PF	1 day	On	5	0	0	0	20	0	25	0	25
Field day	Field day	1	PF	1 day	Off	8	0	0	0	32	0	40	0	40

FLD: 03 (2022-23) Discipline: Horticulture

Crop	Bottle gourd
Thrust Area	Enhancement of bottle gourd yield with sapling as an input
Thematic Area	Crop Production
Season	Kharif 2022
Farming Situation	Medium upland and rainfed.

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./ha)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1.	Bottle gourd	2.0	Sapling	Yield	Sapling	175000.00	160000.00	4	5	0	0	20	11	24	16	40

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	Innovative management for enhancing yield	2	PF	1 day	On/Off	4	5	0	0	20	11	24	16	40
Field day	Field day	1	PF	1 day	Off	16	20	0	0	35	14	51	34	85

FLD: 04 (2022-23) Discipline: Horticulture

Crop	Broccoli
Thrust Area	Enhancement of Broccoli yield with seedling
Thematic Area	Crop Production
Season	Rabi 2022-23
Farming Situation	Medium upland and 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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1.	Broccoli	1.0	Sapling	Yield	Sapling	124000.00	116000.00	2	0	0	0	8	0	10	0	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	Scientific cultivation of Broccoli	1	PF	1 day	On/Off	2	0	0	0	8	0	10	0	10
Field day	Field day	1	PF	1 day	Off	6	0	0	0	34	0	40	0	40

FLD: 05 (2022-23) Discipline: Horticulture

Crop	Lobia
Thrust Area	Enhancement of Lobia yield with seed
Thematic Area	Crop Production
Season	Summer 2023
Farming Situation	Low to mid-land and 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								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1.	Lobia	1.0	Seed	Yield	Seed	145000.00	138000.00	1	0	0	0	9	0	10	0	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	Scientific cultivation of Lobia	1	PF	1 day	On/Off	1	0	0	0	9	0	10	0	10
Field day	Field day	1	PF	1 day	Off	6	0	0	0	34	0	40	0	40

FLD: 06 (2022-23) Discipline: Home Science

Crop	Mushroom
Thrust Area	Women entrepreneurship development through Mushroom cultivation
Thematic Area	Mushroom Production
Season	Summer 2022
Farming Situation	-

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	25 person, 2Kg each	Mushroom spawn, Besan, Polythin Sheet	Yield	Mushroom spawn, Besan, Polythin Sheet	400	550	0	5	0	0	0	20	0	25	25

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								T
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	
Training	Scientific cultivation of Mushroom	1	PF	2 days	On/Off	0	5	0	0	0	20	0	25	25
Field day	Field day	1	PF	1 day	Off	0	10	0	0	0	20	0	30	30

FLD: 07 (2022-23) Discipline: Home Science

Crop	Mushroom
Thrust Area	Women entrepreneurship development through Mushroom cultivation
Thematic Area	Mushroom Production
Season	Summer 2022
Farming Situation	-

Sl. No.	**Crop & variety / Enterprises**	**Proposed Area (ha)/ Unit (No.)**	**Technology package for demonstration**	**Parameter (Data) in relation to technology demonstrated**	**Cost of Cultivation (Rs.)**			**No. of farmers / demonstration**								
								SC		**ST**		**Other**		**Total**		
					Name of Inputs	**Demo**	**Local**	**M**	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**T**
1.	Milky White Mushroom	25 person, 1 Kg each	Mushroom spawn, Polythin Bag, Formalin	Yield	Mushroom spawn, Polythin Bag, Formalin	650	725	0	5	0	0	0	20	0	25	25

Extension and Training activities under FLD:

Activity	**Title of Activity**	**No.**	**Clientele**	**Duration**	**Venue On/Off**	**No. of Participants**								**T**
						SC		**ST**		**Other**		**Total**		
						M	**F**	**M**	**F**	**M**	**F**	**M**	**F**	
Training	Scientific cultivation of Mushroom	1	PF	2 days	On/Off	0	5	0	0	0	20	0	25	25
Field day	Field day	1	PF	1 day	Off	0	10	0	0	0	20	0	30	30

FLD: 08 (2022-23) Discipline: Home Science

Crop	Mushroom
Thrust Area	Women entrepreneurship development through Mushroom cultivation
Thematic Area	Mushroom Production
Season	Rabi 2022-23
Farming Situation	-

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.	Oyster Mushroom	50 person, 2 Kg each	Mushroom spawn, Polythin Bag, Formalin	Yield	Mushroom spawn, Polythin Bag, Formalin	650	725	0	10	0	0	0	40	0	50	50

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								T
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	
Training	Scientific cultivation of Mushroom	1	PF	2 days	On/Off	0	10	0	0	0	40	0	50	50
Field day	Field day	1	PF	1 day	Off	0	10	0	0	0	40	0	50	50

FLD: 09 (2022-23) Discipline: Home Science

Crop	Vegetable seeds & fruit plants for kitchen garden
Thrust Area	Promotion of Kitchen Garden
Thematic Area	Kitchen garden
Season	Winter 2022-23
Farming Situation	-

Sl. No.	**Crop & variety / Enterprises**	**Proposed Area (ha)/ Unit (No.)**	**Technology package for demonstration**	**Parameter (Data) in relation to technology demonstrated**	**Cost of Cultivation (Rs.)**			**No. of farmers / demonstration**								
								SC		**ST**		**Other**		**Total**		
					Name of Inputs	**Demo**	**Local**	**M**	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**T**
1.	Vegetable seeds & fruit plants for kitchen garden	100	Vegetable seeds & fruit plants	Yield	Vegetable seeds & fruit plants	550	650	0	30	0	0	0	70	0	100	100

Extension and Training activities under FLD:

Activity	**Title of Activity**	**No.**	**Clientele**	**Duration**	**Venue On/Off**	**No. of Participants**								**T**
						SC		**ST**		**Other**		**Total**		
						M	**F**	**M**	**F**	**M**	**F**	**M**	**F**	
Training	Benefit of Kitchen Garden	1	PF	1 day	On/Off	0	14	0	0	0	36	0	50	50
Field day	Field day	2	PF	1 day	Off	5	6	0	0	7	10	12	16	28

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

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

Seed Production Programme at KVK Farm

a. Kharif 2022

SN	Crop	Variety	Class of Seed Produced (B/S, F/S, C/S, TFL)	Area (ha)
1.	Paddy	Sabour Shree	C/S	1.0
2.	Paddy	R. Sweta	C/S	2.75
3.	Paddy	Sabour Sampanna	C/S	1.25
4.	Dhaincha	Local	TFL	0.1
TOTAL				**5.1**

b. Summer 2022

SN	Crop	Variety	Class of Seed Produced (B/S, F/S, C/S, TFL)	Area (ha)
1.	Green Gram	IPM-2-14/	C/S	2.0
TOTAL				**2.0**

c. Rabi 2022-23

SN	Crop	Variety	Class of Seed Produced (B/S, F/S, C/S, TFL)	Area (ha)
1.	Wheat	HD-2967	C/S	2.0
2.	Wheat	HI-1563	C/S	2.0
3.	Lentil	HUL-57	C/S	1.0
TOTAL				**5.0**

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.)

6. Extension Activities

Sl. No.	Activities/ Sub-activities	No. of activities proposed	Farmers				Extension Officials			Total		
			M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
1.	Field Day	10	225	25	250	20%	-	-	-	225	25	250
2.	Kisan Mela	04	900	100	1000	20%	09	01	10	909	101	1010
3.	Kisan Ghosthi	08	450	50	500	20%	11	01	12	461	51	512
4.	Exhibition	02	-	--	--	-	-	-	-	-	-	-
5.	Film Show	20	350	150	500	20%	-	-	-	350	150	500
6.	Method Demonstrations											
7.	Farmers Seminar											
8.	Workshop	02	-	-	-		-	-	-	-	-	-
9.	Group Meeting											
10.	Lectures delivered as resource persons											
11.	Advisory Services	2500	2000	500	2500	10%	200	50	250	2200	550	2250
12.	Scientific visit to farmers field	165	-	-	-	-	-	--	-	-	-	-
13.	Farmers visit to KVK	2000	1400	600	2000	20%	-	-	-	1400	600	2000
14.	Diagnostic visits	60	-	-	-	-	-	-	-	-	-	-
15.	Exposure visits	01	50	0	50	20%	-	-	-	50	0	50
16.	Ex-trainees Sammelan											
17.	Soil health Camp											
18.	Animal Health Camp	02	65	5	70	20%	02	00	02	67	05	72
19.	Agri mobile clinic											
20.	Soil test campaigns											
21.	Farm Science Club Conveners meet											
22.	Self Help Group Conveners meetings											
23.	Mahila Mandals Conveners meetings											
24.	Celebration of important days (specify)	08	200	100	300	20%	40	10	50	240	110	350
	Total	**4782**	**5640**	**1530**	**7170**	**20%**	**262**	**62**	**324**	**5902**	**1592**	**6994**

7. Revolving Fund (in Rs.)

Opening balance of 2022-2023 (As on 01.04.2022)	Amount proposed to be invested during 2022-23	Expected Return
35,62,561.55	3,50,000.00	6,00,000.00

8. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)

9. (a) On-farm trials to be conducted*

OFT: 01 **Discipline: Crop Production**

1	**Year**	**2022-23**
2	**Title of the OFT**	**To assess the performance of inoculation of Rhizobium and PSB for yield enhancement of lentil.**
3	**Thematic Area**	Integrated Nutrient Management
4	**Problem diagnosed**	Poor growth of crop leading to low yield of lentil.
5	**Important Cause**	Poor soil productivity
6	**Production system**	SPS
7	**Micro farming system**	Medium land
8	**Technology for Testing**	Microbial inoculation for enhancing yield potential.
9	**Existing Practice**	No use of Microbial inoculation and organic matter/ Sulphur.
10	**Hypothesis**	Use of bio-inoculants for seed treatment may improve soil productivity.
11	**Objective(s)**	Enhancement of soil productivity by use of bio-inoculants.
12	**Treatments**	**Control –** Farmers' Practice:(10:20:0 Kg :: N:P_2O_5:K_2O/ha) **T.O. I –** 100% of RDF (20:40:0 Kg :: N:P_2O_5:K_2O /ha - P_2O_5 by SSP) **T.O. II –** 80% of RDF (N:P_2O_5:K_2O Kg/ha - P_2O_5 by SSP) + Rhizobium & PSB as seed treatment @750ml/ha & @1000ml/ha respectively.
13	**Critical Inputs**	Seed, bio-fertilizers
14	**Unit Size**	3000 sq.m.
15	**No of Replications**	10
16	**Unit Cost**	Rs. 1138.00
17	**Total Cost**	Rs. 11380.00
18	**Monitoring Indicator**	Yield attributing characters, yield and economics and B:C ratio.
19	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)**	HAU, Hisar

OFT: 02 **Discipline: Crop Production**

1	**Year**	**2022-23**
2	**Title of the OFT**	**To assess the performance of different herbicides for weed management of zero tilled wheat.**
3	**Thematic Area**	Weed Management
4	**Problem diagnosed**	Commonly used herbicides adversely affect growth and yield of wheat crop, which is to be replaced by suitable herbicide.
5	**Important Cause**	Selection of appropriate herbicide may enhance weed control efficiency and ultimate yield of wheat crop.
6	**Production system**	SPS
7	**Micro farming system**	Medium land
8	**Technology for Testing**	Different herbicides
9	**Existing Practice**	No weed control measure
10	**Hypothesis**	Selection of herbicide most suitable for the specific weed species of wheat crop.
11	**Objective(s)**	Identification of herbicide, most appropriate to the weed species.
12	**Treatments**	**Control –** Farmers' practice – No weed control **T.O. I –** Spray of Sulfosulfuron 75% + Metsulfuron methyl 5% (WG) @40g/ha (35 DAS) **T.O. II –** Spray of Clodinafop propargyl (15 WP) @ 400g/ha (30-35 DAS) + Tribenuron methyl @45g a.i./ha
13	**Critical Inputs**	Seed, herbicides
14	**Unit Size**	1000 sq. m.
15	**No of Replications**	10
16	**Unit Cost**	Rs. 1400.00
17	**Total Cost**	Rs. 14000.00
18	**Monitoring Indicator**	Weed count/m^2, weed species, yield attributing characters, yield, economics and B:C ratio.
19	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)**	HAU, Hisar

OFT: 03 **Discipline: Plant Pathology**

1	**Season**	**Kharif 2022**
2	**Title of the OFT**	**Assessment of efficacy of various fungicides in management of Sheath blight of Rice.**
3	Thematic Area	IDM
4	Problem diagnosed	Heavy loss in yield of Rice due to sheath blight incidence.
5	Important Cause	Cultivation of susceptible variety like MTU-7029 and BPT-5204.
6	Production system	Rice-Wheat/Chickpea
7	Micro farming system	Irrigation through canal, tilling through tractor, herbicide and pesticide use.
8	Technology for Testing	No fungicide sprays sprays of validamycin 3% L@ 2 lit./ha. sprays of Propiconazole 25EC @500ml/ha sprays of Propiconazole 13.9% + Difenoconazole 13.9% EC @500ml/ha
9	Existing Practice	No use of fungicide
10	Hypothesis	$H_0 \neq H_1$ H_0 = Result obtained in farmers' practice H_1 = Result obtained in T.O.I, II and III.
11	Objective(s)	To assess the fungicide for management of sheath blight in Rice.
12	Treatments	**Farmers' Practice –** No fungicide spray **T.O. I –** Two sprays of validamycin 3% L@ 2 lit./ha. **T.O. II –** Two sprays of Propiconazole 25EC @500ml/ha **T.O. III –** Two sprays of Propiconazole 13.9% + Difenoconazole 13.9% EC @500ml/ha
13	Critical Inputs	Fungicide
14	Unit Size	0.5 Acre
15	No of Replications	7
16	Unit Cost	Rs. 1000/-
17	Total Cost	Rs. 7000/-
18	Monitoring Indicator	1) Disease intensity percent, 2) Yield, 3) Net return, 4) B:C ratio
19	Source of Technology	RAU, Pusa

OFT: 04 **Discipline: Plant Pathology**

1	**Season**	**Rabi 2022-23**
2	**Title of the OFT**	**Ecofriendly management of fruit borer (*Helicoverpa armigera)* in tomato**
3	Thematic Area	IPM
4	Problem diagnosed	Heavy loss in yield of tomato due to fruit borer infestation.
5	Important Cause	Fruit borer causes damage of fruits, poor plant growth, heavy yield loss.
6	Production system	Rice-lentil-vegetable
7	Micro farming system	Irrigation through boring or canal, tilling through tractor, herbicide and pesticide use.
8	Technology for Testing	Use of Propanophos 50EC Installation of pheromone trap @10 trap/ha. Spraying of Azadirachtin 1500 PPM@5ml/Lit. Spraying of NPV @250 LE/ha in 500 lit. of water
9	Existing Practice	use of Propanophos/Chloropyriphos
10	Hypothesis	$H_0 \neq H_1$ H_0 = Result obtained in farmers' practice H_1 = Result obtained in T.O.I and II.
11	Objective(s)	Ecofriendly management of fruit borer (*Helicoverpa armigera)* in tomato.
12	Treatments	**Control - Farmers' Practice –** Use of Propanophos 50EC **T.O. I:** Installation of pheromone trap @10 trap/ha. **T.O. II:** Spraying of Azadirachtin 1500 PPM@5ml/Lit. **T.O. III:** Spraying of NPV @250 LE/ha in 500 lit. of water
13	Critical Inputs	Seed, Pheromone trap, Azadirachtin, NPV
14	Unit Size	0.5 Acre
15	No of Replications	7
16	Unit Cost	Rs. 1500/-
17	Total Cost	Rs. 10500/-
18	Monitoring Indicator	1) Fruit damage percent, 2) Yield, 3) Net return, 4) B:C ratio
19	Source of Technology	G. B. P. U. of A. & T., Pantnagar

OFT: 05 **Discipline: Horticulture**

1	**Year**	2022-23
2	**Title of the OFT**	**Response of Micronutrients on yield and economics of Onion.**
3	**Thematic Area**	INM
4	**Problem diagnosed**	Farmer cultivates onion in large area for better price from a unit area and sale in distinct market for higher price. Farmer use macro nutrients only but fetch lower marketability which is due to little/no application of micro nutrients.
5	**Important Cause**	Micro-nutrients in onion affected the yield and quality.
6	**Production system**	Onion
7	**Micro farming system**	Medium upland
8	**Technology for Testing**	Incorporation of micro-nutrients for enhancement economical yield.
9	**Existing Practice**	Farmer use major nutrients for cultivation.
10	**Hypothesis**	rporation of micro-nutrients may effectively enhance yield and quality ıion crop.
11	**Objective(s)**	1. To assess the response of nutrients for upliftment of onion yield. 2. To aware the farming community about micro-nutrients.
12	**Treatments**	Control – Farmers Practice (RDF) T.O. I – RDF (120:100:60) + Boron@10kg/ha T.O. II – RDF (120:100:60) + sulfer@20kg/ha T.O. III – RDF (120:100:60) + sulfer@20kg/ha + Boron@10kg/ha
13	**Critical Inputs**	Seedlings, Major and Micro-nutrients
14	**Unit Size**	1 acre
15	**No of Replications**	10, Design: RBD
16	**Unit Cost**	3000/-
17	**Total Cost**	30000/-
18	**Monitoring Indicator**	1) Plant height (cm), 2) No. of leaves, 3) Diameter of bulb (mm), 4) Yield of bulb (q/ha), 5) Splitting of bulb,6) % increase in yield and 7) keeping quality
19	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)**	BAU, Sabour

OFT: 06 **Discipline: Horticulture**

1	**Year**	2022-23
2	**Title of the OFT**	**Insecticide molecule against sucking pest of Okra**
3	**Thematic Area**	IPM
4	**Problem diagnosed**	The sucking pest complex consisting of aphids, leaf hoppers, white flies and thrips are major pests and cause 17.46% yield loss in Okra.
5	**Important Cause**	Sucking pest cause 17.46% yield loss in okra.
6	**Production system**	Rice-Okra
7	**Micro farming system**	Medium upland
8	**Technology for Testing**	T.O. I – Thaimthoxam 25 WG@0.35 gm/L at 20 days after sowing at 10 days interval three times. T.O.II – Imidacloprid 70WG@0.3 gm/L at 20 days after sowing at 10 days interval three times.
9	**Existing Practice**	Farmer practices (Profenophos 50EC@2gm/L water)
10	**Hypothesis**	Sucking pests' infestation reduce significantly
11	**Objective(s)**	Reduce pest infestation
12	**Treatments**	**Control – Farmers' practices -** (Profenophos 50EC@2gm/L water) **T.O. I -** Thaimthoxam 25 WG@0.35 gm/L at 20 days after sowing at 10 days interval three times. **T.O. II -** Imidacloprid 70WG@0.3 gm/L at 20 days after sowing at 10 days interval three times.
13	**Critical Inputs**	Seeds and pesticides
14	**Unit Size**	0.0375 ha
15	**No of Replications**	8
16	**Unit Cost**	Rs. 1000/-
17	**Total Cost**	Rs. 8000/-
18	**Monitoring Indicator**	% Infestation and yield attributes Economic indicator: Net return. B:C ratio
19	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)**	Bihar Agricultural University, Sabour, Bhagalpur

OFT: 07 **Discipline: Home Science**

1	**Title of On Farm Trial**	**Assessment of impact of ready to use infant food on anthropometric parameters of mal-nutrished children (6 months to 2 years)**
2	Thematic Area	Mother and child care
3	Problem Diagnose	Lack of dietary knowledge which meets poor choice of food leads to poor health of children.
4	Important cause	No ready to use infant foods are used by rural mother.
5	Technology for testing	Assessment of ready to use infant food on anthropometric parameters of mal-nutrished children.
6	Existing practices	Normal homemade food. (The children are not provided nutrient rich food)
7	Hypothesis	After use of ready to use infant food their body weight and other health parameter will increase.
8	Objectives	To increase the baby health for better life.
9	Details of Technologies selected for assessment/refinement	**Farmers' Practice –** Normal homemade food (the children are not being provided nutrient rich food. No ready to eat food is being practiced by majority of children) **T.O.I –** Standard ingredients: Ragi (85:15) **T.O.II –** Standard ingredients: Wheat (85:15) ***Standard ingredients:*** The ready to use infant food mixes were developed by using different cereals/millets, for this a standard combination of peanut: sugar: milk powder and ghee had been made in ratio of 2:3:2.5:1 The food mixes from cereals/millets had been developed by taking the standard combination and processed cereals/millets powder in the ratio of 85:15
10	Critical inputs	Ready to use infant food
11	Unit size	4 Kg (1 Kg per month for 4 months)
12	Source of Technology	By Usha Singh, DRPCAU, Pusa, Samastipur
13	Replication	10
14	Unit cost	Rs. 1200/-
15	Total cost	Rs. 12,000/-
16	Production System & Thematic Area	Farm instead, Mother and child care
17	Performance of Technology with performance indicator	1) Sensory analysis Taste Texture (crispness) Colour Flavour Facial appearance Overall acceptability 2) Body weight at monthly interval 3) Height at monthly interval 4) Stomach discomfort if noticed.

OFT: 08 **Discipline: Home Science**

1	**Title of On Farm Trial**	**Assessment of preparation methods of Potato flakes for more self-life and enhancement of income.**
2	Thematic Area	Income generation through Value addition
3	Problem Diagnose	Local people consume fresh potatoes as such as vegetables.
4	Important cause	No use of potato for preparation of potato flakes
5	Technology for testing	Use of potato and preservatives for preparation of potato flakes.
6	Existing practices	Only use in vegetable
7	Hypothesis	Value addition of Potato for preparation of Potato flakes may improve income generation of farmers to enhance financial condition of rural women and reduce post-harvest loss of potato.
8	Objectives	To make rural women self-reliable and income generation by selling potato flakes through shops.
9	Details of Technologies selected for assessment/refinement	**Farmers' practice –** Local people consume fresh potatos as such as vegetables. **T.O. I –** Preparation of potato flakes – Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g **T.O. II –**Preparation of potato flakes – Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g, Acetic acid 50.0 ml.
10	Critical inputs	Potatoes, preservatives, polythene sheet, pouch
11	Unit size	5 Kg per technology
12	Source of Technology	Central Potato Research Centre, Shimla
13	Replication	10
14	Unit cost	Rs. 1000/-
15	Total cost	Rs. 10,000/-
16	Production System & Thematic Area	Farm instead, Income generation through Value addition
17	Performance of Technology with performance indicator	1) Sensory analysis (fried in edible refined oil) Taste Texture (crispness) Colour Flavour Overall acceptability 2) Packaging material – Metalized polyester 200 gauge 3) Self-life (0,15,30,45,60,75 days at ambient condition)

*Repeat the same format for EACH OFT being proposed.

9 (b) Cluster Frontline Demonstration to be conducted

Sl. No.	Season	Crop	Item/Variety	No of demonstration	Area(ha)
1.	Rabi 2022-23	Lentil	-	50	20.0
2.	Rabi 2022-23	Chick pea	-	50	20.0
3.	Summer 2022-23	Green gram	-	50	20.0

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.	SCSP	
2.	NARI	
3.	Natural Farming	
4.	CRA Programme	
5.	CSISA	
6.	RKVY Skill development training	
7.	BSDM Training	

11. No. of success stories proposed to be developed with their tentative titles: 02

12. Scientific Advisory Committee

Date of SAC meeting held during 2021	Proposed date during 2022
07-08-2021	August 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												
Water Samples												
Other (Please specify)												
Total												

14. Fund requirement and expenditure (Rs.) *

Heads	Expenditure (last year) (Rs.) up to 31.03.2022	Expected fund requirement (Rs.)
Total		

* Any additional requirement may be suitably justified.

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

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