Action Plan

(January 2022 – December 2022)

Presented in Zonal Workshop of Zone IV

At

RICC Rajgir

6th to 8th August 2022

KRISHI VIGYAN KENDRA, BHOJPUR, ARA,

Bihar Agricultural University

Sabour, Bhagalpur

ACTION PLAN 2022

1. Name of the KVK:

Address	Telephone		E mail
Krishi Vigyan Kendra, Bhojpur, Japanese Farm, Katira, Ara, Bhojpur. Bihar – 802302	9431091369		bhojpurkvk@gmail.com

2. Name of host organization :

Address	Telephone		E mail
	Office	FAX	
Bihar Agricultural University, Sabour, Bhagalpur	0641245 2611	-	deesabour@gmail.com

3. Name of the Senior Scientist and Head with phone & mobile No.

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Pravin Kumar Dwivedi Senior Scientist & Head	9006658283	9431091369	bhojpurkvk@gmail.com

4. Year of sanction of KVK:

(Reference of Sanction Order): - 5(1)/93, KVK, (AE-1): Date 06-07-1994

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

(a) Farmers and farmwomen

Thematic area	Title of Training	No.	Duration	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
PBG														
INM	Nutrient management in wheat	1	2	OFF	09-10.01.2022	5	-	-	-	20	-	25	-	25
Seed Production	Seed Production of Wheat	1	2	OFF	20.21-01.2022	5	-	-	-	20	-	25	-	25
	Seed production of chickpea	1	2	OFF	9-10.2.2022	5	-	-	-	20	-	25	-	25
	Training on Handling of Quality Seed (Threshing, Packaging & Storing)	1	2	ON	17-18.3.2022	5	-	-	-	20	-	25	-	25
Cropping System	Scientific cultivation of Green Gram	1	2	OFF	01-02.04.2022	5	-	-	-	20	-	25	-	25
	Scientific cultivation of Green Gram	1	2	OFF	07-08.04.2022	5	-	-	-	20	-	25	-	25
Cropping System	Scientific Cultivation Of Maize.	1	2	OFF	1-2.6.2022	5	-	-	-	20	-	25	-	25
Production of Organic Inputs	Brown Mannuring of Sesbania	1	2	OFF	4.6.2022	5	-	-	-	20	-	25	-	25
Crop Diversification	Scientific cultivation of Soyabean	1	2	OFF	5.6.2022	5	-	-	-	20	-	25	-	25
Seed Treatment	Seed treatment in Rice	1	2	OFF	6-7.6.22	5	-	-	-	20	-	25	-	25
	Scientific cultivation of Hybrid Maize	1	2	OFF	25-26.6.2022	5	-	-	-	20	-	25	-	25
Seed Production o	Seed Production technique of Rice	1	2	OFF	27-28.6.2022	5	-	-	-	20	-	25	-	25
Cropping System	Scientific cultivation of	1	2	OFF	25-26.7.2022	5	-	-	-	20	-	25	-	25

	Rice.													
Crop Diversification	Scientific Cultivation of Pearl millet	1	2	OFF	5-6.8.2022	5	-	-	-	20	-	25	-	25
Micronutrient Deficiency in Crop	Zinc and Boron application in Paddy	1	2	OFF	11-12.8.2022	5	-	-	-	20	-	25	-	25
INM	Use of water soluble Fertilizers	1	2	OFF	25-26.8.2022	5	-	-	-	20	-	25	-	25
Cropping System *	Scientific cultivation of Mustard	1	2	OFF	14-15.09.22	5	-	-	-	20	-	25	-	25
Seed Treatment	Seed treatment in Lentil	1	2	OFF	14-15.10.2022	5	-	-	-	20	-	25	-	25
Seed Production	Seed Production of Chickpea	1	2	OFF	04-05.11.22	5	-	-	-	20	-	25	-	25
	Seed Production Technique in Lentil	1	2	OFF	18-19.11.2022	5	-	-	-	20	-	25	-	25
INM	Use of Micro nutrient in Lentil	1	2	ON	8-9.12.2022	5	-	-	-	20	-	25	-	25
Total		**22**	**44**			**110**				**440**		**550**		**550**
Horticulture														
IPM	Control of Mango hopper in Mango	1	2	OFF	17-18.1.2022	5				20		25		25
IDM	Control of powdery wilder in Mango	1	2	ON	21-22.1.2022	5	-	-	-	20	-	25	-	25
Training and pruning	Scientific canopy management in Guava orchard	1	1	OFF	25.1.2022	5	-	-	-	20	-	25	-	25
Water Management	Use of Sprinkler in Vegetabe Cultivation for better water use efficiency	1	1	ON	7.2.2022	5	-	-	-	20	-	25	-	25
IDM	Control of purple flatch in Onion	1	1	OFF	12.2.2022	5	-	-	-	20	-	25	-	25
Micro irrigation system of orchard	Use of drip in Mango orchard for better water use efficiency	1	1	OFF	16.3.2022	5	-	-	-	20	-	25	-	25
Grading & Standardization	Grading & packaging of Onion for storage	1	1	OFF	20.4.2022	5	-	-	-	20	-	25	-	25
Cultivation of Fruits	Scientific cultivation of Guava	1	1	OFF	21-22.4.2022	5	-	-	-	20	-	25	-	25
	Scientific cultivation of Mango	1	1	ON	25-25.4.2022	5	-	-	-	20	-	25	-	25

Layout and Management of Orchard	Scientific cultivation of new Mango orchard	1	2	OFF	17-18.5.2022	5	-	-	-	20	-	25	-	25
Nursery raising	Healthy Seedling raising of Kharif Vegetable in low tunnel system.	1	1	ON	20.5.2022	5	-	-	-	20	-	25	-	25
Layout and Management of Orchard	Scientific cultivation of new Guava orchard	1	2	ON	26-27.5.2022	5	-	-	-	20	-	25	-	25
	Scientific high density plantation technique in Mango	1	2	ON	6-7.6.2022	5	-	-	-	20	-	25	-	25
Training and Pruning	Scientific Canopy management in Mango orchard	1	1	OFF	15.6.2022	5	-	-	-	20	-	25	-	25
Management of young plants/orchard	Balance nutrition inter culturing irrigation Canopy management and plant protection of Mango orchard	1	2	ON	1-2.7.2022	5	-	-	-	20	-	25	-	25
INM	Balance nutrient management in Mango orchard	1	1	ON	12.7.2022	5	-	-	-	20	-	25	-	25
IPM	Control of shoot and fruit borer in Brinjal	1	1	ON	16.8.2022	5	-	-	-	20	-	25	-	25
Nursery Raising	Healthy seedling raising of Rabi Vegetables	1	1	OFF	12.9.2022	5	-	-	-	20	-	25	-	25
INM	Balance nutrient management in Potato	1	1	ON	14.9.2022	5	-	-	-	20	-	25	-	25
Other Vegetable cultivation	Scientific cultivation of Cauliflower & Cabbage	1	2	ON	26-27.9.2022	5	-	-	-	20	-	25	-	25
Seed Production	Seed Production of Potato through A.R.C and different generation Seed.	1	2	ON	28-29.9.2022	5	-	-	-	20	-	25	-	25
Other Vegetable cultivation	Scientific cultivation of hybrid Tomato	1	1	OFF	10.10.2022	5	-	-	-	20	-	25	-	25
	Scientific cultivation of Rabi Brinjal	1	1	ON	26.10.2022	5	-	-	-	20	-	25	-	25
Other Vegetable	Scientific cultivation of	1	2	ON	16-17.11.2022	5	-	-	-	20	-	25	-	25

cultivation	Rabi Onion													
Grading & Standardization	Grading & packaging of Potato for storage	1	1	OFF	30.12.2022	5	-	-	-	20	-	25	-	25
Total		**25**	**34**			**140**	**-**	**-**	**-**	**560**	**-**	**700**	**-**	**700**
Plant Protection														
IDM	Control of Anthracnose in Lentil	1	1	OFF	03.01.2022	5	-	5	20	-	20	25	-	25
	Stem rot disease Control in Gram	1	1	OFF	08.01.2022	5	-	5	20	-	20	25	-	25
IPM	Gram Pad borer Control	1	1	OFF	16.01.2022	5	-	5	20	-	20	25	-	25
	Pad borer Control in Lentil	1	1	OFF	21.01.2022	5	-	5	20	-	20	25	-	25
	Insect Control in Pump Ki leaf Caterpillars	1	1	OFF	02.02.2022	5	-	5	20	-	20	25	-	25
	Control of White Fly	1	1	OFF	08.02.2022	5	-	5	20	-	20	25	-	25
INM	Use of NPK 18:18:18 in Gram	1	1	OFF	14.02.2022	5	-	5	20	-	20	25	-	25
	Use of Boron in Foliar Spay	1	1	OFF	20.02.2022	5	-	5	20	-	20	25	-	25
PHT	Post-harvest Technology in Wheat	1	1	OFF	09.03.2022	5	-	5	20	-	20	25	-	25
IPM	Pest Control in Stored Grain	1	1	OFF	14.03.2022	5	-	5	20	-	20	25	-	25
Soil Heath & Fertilizer	Concept of Soil Test	1	1	OFF	22.03.2022	5	-	5	20	-	20	25	-	25
IPM	Production of Bio Pesticides	1	1	OFF	27.03.2022	5	-	5	20	-	20	25	-	25
	Insect & Pest Control in Mung	1	1	OFF	08.04.2022	-	-	-	22	-	22	22	-	22
RCT	Maize Sowing on Bed	1	1	OFF	12.04.2022	-	-	-	28	-	28	28	-	28
	Moong Sowing by ZT	1	1	OFF	16.04.2022	-	-	-	-	26	26	-	26	26

Beekeeping	Commercial Beekeeping	1	6	ON	02-07.05.2022	-	-	-	16	24	40	16	24	40
RCT	Moong Sowing With ZT	1	1	OFF	16.05.2022	-	-	-	20	-	20	20	-	20
	Training on DSR	1	1	OFF	18.05.2022	5	-	5	20	-	20	25	-	25
IPM	White Fly Control	1	1	OFF	19.05.2022	5	-	5	20	-	20	25	-	25
INM	Integrated Nutrient Management	1	15	ON	20.05.2022 03.06.2022	-	-	-	50	-	50	50	-	50
RCT	Training on DSR	1	1	OFF	06.06.2022	5	-	5	20	-	20	25	-	25
Weed Control	Pre& Post Weed Control in Paddy	1	1	OFF	06.06.2022	5	-	5	20	-	20	25	-	25
	Pre & Post Weed Control in Paddy	1	1	OFF	08.06.2022	5	-	5	20	-	20	25	-	25
Cropping System	Cultivation of Maize + Soybean	1	1	OFF	17.06.2022	5	-	5	20	-	20	25	-	25
RCT	Cultivation of Bajra on Bed	1	1	OFF	04.07.2022	5	-	5	20	-	20	25	-	25
Weed Management	Weed Management in Paddy	1	1	OFF	07.07.2022	5	-	5	20	-	20	25	-	25
IPM	Fall Army Worm Control in Maize	1	1	OFF	11.07.2022	5	-	5	20	-	20	25	-	25
IDM	Disease Control in Paddy	1	1	OFF	15.07.2022	5	-	5	20	-	20	25	-	25
	Ergot Disease control in Bajra	1	1	OFF	08.08.2022	5	-	5	20	-	20	25	-	25
	Sheath Blight Control in Paddy	1	1	OFF	11.08.2022	5	-	5	20	-	20	25	-	25
IPM	Stem borer Control in Paddy	1	1	OFF	13.08.2022	5	-	5	20	-	20	25	-	25
	Rise Bugs Control	1	1	OFF	18.08.2022	5	-	5	20	-	20	25	-	25
RCT	Mustard Sowing by ZT	1	1	OFF	05.09.2022	5	-	5	20	-	20	25	-	25

IPM	Control of Leaf Folder in Paddy	1	1	OFF	10.09.2022	5	-	5	20	-	20	25	-	25
Fodder Product on	Fodder pro duct ion in Rabi	1	1	ON	15.09.2022	5	-	5	20	-	20	25	-	25
IPM	Aphids Control in Soybean	1	1	OFF	19.09.2022	5	-	5	20	-	20	25	-	25
	Aphides Control in Mustard	1	1	OFF	26.09.2022	5	-	5	20	-	20	25	-	25
	Grass hopper Control in Paddy	1	1	OFF	07.10.2022	5	-	5	20	-	20	25	-	25
	Cabbage Head borer Control in Mustard	1	1	OFF	11.10.2022	5	-	5	20	-	20	25	-	25
IDM	False Smut Control in Paddy	1	1	OFF	18.10.2022	5	-	5	20	-	20	25	-	25
RCT	Gram Sowing With Happy Seeder	1	1	OFF	21.10.2022	5	-	5	20	-	20	25	-	25
	Use of Leveler for land leveling	1	1	OFF	01.01.2022	5	-	5	20	-	20	25	-	25
Weed Control	Wheat Sowing With Happy Seeder for Crop Recede Management	1	1	OFF	31.01.2022	5	-	5	20	-	20	25	-	25
Weed Control	Weed Control in ZT Gram	1	1	OFF	11.11.2022	5	-	5	20	-	20	25	-	25
IDM	Late Blight Control in Potato	1	1	OFF	02.12.2022	5	-	5	20	-	20	25	-	25
	Control of Alter aria Blight in Mustard	1	1	OFF	05.12.2022	5	-	5	20	-	20	25	-	25
	Wilt Control in Gram	1	1	OFF	10.12.2022	5	-	5	20	-	20	25	-	25
IPM	Control of Tuber Moth	1	1	OFF	16.12.2022	5	-	5	20	-	20	25	-	25
Total		**48**	**67**			**210**		**210**	**976**	**50**	**1026**	**1186**	**50**	**1236**

Home Science														
Income generation activities for empowerment of rural women00	Mushroom Cultivation	1	2	OFF	5-6.1.2022	-	5	-	-	-	20	-	25	25
Gender main streaming through SHG's	Leadership development for entrepreneurship character development in rural Women	1	2	OFF	2-3.2.2022	-	5	-	-	-	20	-	25	25
Location Specific drudgery reduction technology	Drudgery reduction through chemical in Onion	1	2	OFF	18-19.2.2022	-	5	-	-	-	20	-	25	25
Minimization of nutrient loss in processing	Prevention of nutritional loss during cooking process	1	2	OFF	9-10.3.2022	-	5	-	-	-	20	-	25	25
Value Addition	Tomato Preservation	1	2	OFF	4-5.4.2022	-	5	-	-	-	20	-	25	25
House hold food security by kitchen gardening and nutrition gardening	Importance of nutritional garden for human health	1	2	OFF	19-20.4.2022	-	5	-	-	-	20	-	25	25
Design and development of low/minimum Cost diet	Preparation of low cost balanced diet for mother & children	1	2	OFF	19-20.5.2022	-	5	-	-	-	20	-	25	25
Value Addition	Preparation of different types of pickle from locally available material	1	2	OFF	27-28.6.2022	-	5	-	-	-	20	-	25	25
Gender main streaming through SHG's	For Women employment Role of SHG	1	2	OFF	11-12.7.2022	-	5	-	-	-	20	-	25	25
Storage loss minimization techniques	Different way of scientific grain storage	1	2	ON	16-17.7.2022	-	5	-	-	-	20	-	25	25
	Control of Godown insect in cereal storage	1	2	OFF	18-19.7.2022	-	5	-	-	-	20	-	25	25
Value Addition	Grading parameters for	1	2	OFF	29-30.7.2022	-	5	-	-	-	20	-	25	25

	better marketing opportunity in vegetable marketing													
	Guava Jelly making	1	2	ON	11-12.8.2022	-	5	-	-	-	20	-	25	25
Minimization of nutrient loss in processing	Preparation of energy efficient diet	1	2	OFF	27-28.8.2022	-	5	-	-	-	20	-	25	25
Women & Child Care	Use of pulses & Local vegetable in child diet	1	2	OFF	20-21.9.2022	-	5	-	-	-	20	-	25	25
Storage loss minimization techniques	Techniques of insect free Pulses Storage	1	2	OFF	12-13.10.2022	-	5	-	-	-	20	-	25	25
	Control of Godown insect in cereal storage	1	2	ON	20-21.10.2022	-	5	-	-	-	20	-	25	25
Location Specific drudgery reduction technology	Drudgery reduction through Wee decide in vegetable production	1	2	OFF	18-19.11.2022	-	5	-	-	-	20	-	25	25
Income generation activities for empowerment of rural women	Mushroom Cultivation	1	2	OFF	2-3.12.2022	-	5	-	-	-	20	-	25	25
Total		**20**					**40**				**100**		**400**	**500**
Ag. Extension														
Formation & Management of SHGs	Formation of Farm Science Club to overcome the challenge of changing climate	1	2	ON	6-7.1.2022	5	-	-	-	20	-	25	-	25
Production of Organic Inputs	Use of Waste Decomposer for Recycling of Agricultural waste to control the boring of crop residue	1	2	OFF	20-21.1.2022	5	-	-	-	20	-	25	-	25
Formation & Management of SHGs	How SHGs helps small & Marginal farmers	1	2	OFF	3-4.2.2022	5	-	-	-	20	-	25	-	25
Formation & Management of SHGs	Formation of FPOs for Seed Production	1	2	OFF	16-17.2.2022	5	-	-	-	20	-	25	-	25
Group Dynamics	Role of farm Mechanization in	1	2	OFF	3-4.3.2022	5	-	-	-	20	-	25	-	25

	DFI													
Group Dynamics	Method & Importance of Soil testing for Enhancing farm Income	1	2	OFF	17-18.3.2022	5	-	-	-	20	-	25	-	25
Capacity Building	Awareness about different subsidies schemes of GOB	1	2	OFF	6-7.4.22	5	-	-	-	20	-	25	-	25
Capacity Building	Capacity building among farmers for seed production	1	2	ON	29-30.04.22	5	-	-	-	20	-	25	-	25
Group Dynamics	Role of Green Mannuring for better crop production	1	2	OFF	19-20.5.2022	5	-	-	-	20	-	25	-	25
Soil & Water Testing	Techniques of Soil Sampling	1	2	OFF	26-27.5.2022	5	-	-	-	20	-	25	-	25
Recourse Conservation technique	Direct Seeding of Wheat with ZT from minimizing moisture loss	1	2	ON	27-28.5.2022	5	-	-	-	20	-	25	-	25
Group Dynamics	Method & Importance of Soil testing for Enhancing farm Income	1	2	OFF	30-31.5.2022	5	-	-	-	20	-	25	-	25
Soil & Water Testing	Techniques of Soil Sampling	1	2	OFF	2-3.6.2022	5	-	-	-	20	-	25	-	25
Capacity Building	Awareness about different subsidies schemes of GOB	1	2	OFF	4-5.6.2022	5	-	-	-	20	-	25	-	25
Formation & Management of SHGs	How SHGs helps small & Marginal farmers	1	2	OFF	6-7.6.2022	5	-	-	-	20	-	25	-	25
Formation & Management of SHGs	Formation of FPOs for Seed Production	1	2	ON	10-11.6.2022	5	-	-	-	20	-	25	-	25
Group Dynamics	Importance and need of farmers field School	1	2	OFF	15-16.6.2022	5	-	-	-	20	-	25	-	25
Formation & Management of SHGs	How SHGs helps small & Marginal farmers	1	2	OFF	23-24.6.2022	5	-	-	-	20	-	25	-	25
Formation & Management of SHGs	Formation of FPOs for Seed Production	1	2	ON	25-26.6.2022	5	-	-	-	20	-	25	-	25
Capacity Building	Awareness about different subsidies schemes of GOB	1	2	OFF	28-29.6.2022	5	-	-	-	20	-	25	-	25
Capacity	Capacity building	1	2	ON	24-	5	-	-	-	20	-	25	-	25

Building	among farmers for seed production				25.7.2022									
Production of Organic Inputs	Use of Waste Decomposer for Recycling of Agricultural waste to control the burning of crop residue	1	2	OFF	28-29.7.2022	5	-	-	-	20	-	25	-	25
Group Dynamics	Method & Importance of Soil testing for Enhancing farm Income	1	2	ON	5-6.8.2022	5	-	-	-	20	-	25	-	25
Capacity Building	Awareness about different subsidies schemes of GOB	1	2	OFF	24-25.8.2022	5	-	-	-	20	-	25	-	25
Formation & Management of SHG	Formation of Farm Science Club to overcome the challenge of changing climate	1	2	ON	2-3.9.2022	5	-	-	-	20	-	25	-	25
Formation & Management of SHG	Formation of Farm Science Club to overcome the challenge of changing climate	1	2	ON	20-21.9.2022	5	-	-	-	20	-	25	-	25
Group Dynamics	Importance and need of farmers field School	1	2	ON	14-15.10.2022	5	-	-	-	20	-	25	-	25
Recourse Conservation technique	Direct Seeding of Wheat with ZT from minimizing moisture loss	1	2	ON	28-29.10.2022	5	-	-	-	20	-	25	-	25
Recourse Conservation technique	Direct Seeding of Wheat with ZT from minimizing moisture loss	1	2	OFF	4-5.11.2022	5	-	-	-	20	-	25	-	25
Soil & Water Testing	Techniques of Soil Sampling	1	2	OFF	18-19.11.2022	5	-	-	-	20	-	25	-	25
Group Dynamics	Role of farm Mechanization in DFI	1	2	OFF	2-3.12.2022	5	-	-	-	20	-	25	-	25
Group Dynamics	Importance and need of farmers field School	1	2	ON	16-17.12.2022	5	-	-	-	20	-	25	-	25
Total		**32**	**64**			**160**				**640**		**800**		**800**

Grand Total		**180**	**305**			**715**	**155**	**210**	**976**	**2070**	**1646**	**9711**	**825**	**4536**

(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
PBG														
Crop Production Seed Production	Seed production of Rice	1	5	ON	22-26.8.2022	5	-	-	-	20	-	25	-	25
	Seed production of Wheat	1	5	OFF	5-9.12.2022	5	-	-	-	20	-	25	-	25
	Total	**2**	**10**			**10**				**40**		**50**		**50**
Horticulture														
Protected cultivation of vegetables	Use and advantage of Polyhouse for off season vegetable cultivation to fetch more income	1	5	ON	21-25.2.2022	5				20		25		25
	Use and advantage of polymunch with drip in vegetable production	1	5	ON	7-11.3.2022	5				20		25		25
	Scientific cultivation of Marigold	1	5	OFF	20-24.6.2022	5				20		25		25
	High density cultivation technology in Mango	1	5	ON	18-22.7.2022	5				20		25		25
	Total	**4**	**20**			**20**				**80**		**100**		**100**
Home Science														
Income generation activities for employment of rural women	Mushroom cultivation	1	5	ON	26-30.11.2020	-	5	-	-	-	20	-	25	25
	Mushroom cultivation	1	5	OFF	2-6.9.2022	-	5	-	-	-	20	-	25	25
Small scale	Preparation of	1	5	OFF	23-	-	5	-	-	-	20	-	25	25

processing	Potato Chips Badi & Papad				27.7.2022									
Value Addition	Tomato Preservation	1	5	OFF	20-24.12.20	-	5	-	-	-	20	-	25	25
		4	**20**				**20**				**80**		**100**	**100**
Plant Protection														
Seed Production	Wheat Seed Production	1	5	ON	14-19.11.2022	5	-	-	-	20	-	25	-	25
Bee Keeping	Commercial Bee Keeping	1	7	ON	22-26.10.2022	5	-	-	-	20	-	25	-	25
	Commercial Bee Keeping	1	7	ON	19-24.12.2020	5	-	-	-	20	-	25	-	25
	Total	**3**	**19**			**15**	**-**	**-**	**-**	**60**	**-**	**75**		**75**
Ag. Extension														
Post-Harvest Technology	Formation of FPO for quality Seed Production	1	5	OFF	22-26.8.2022	5	-	-	-	20	-	25	-	25
Total		**1**	**5**			**5**				**20**		**25**		**25**
Enterprises development Capacity Building	Entrepreneurship Development through Vermi composting	1	5	ON	7-11.11.2022	5	-	-	-	20	-	25	-	25
	Total	**1**	**5**			**5**				**20**		**25**		**25**
Grand Total		**13**	**69**			**45**	**20**			**180**	**80**	**225**	**100**	**325**

(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**
Productivity enhancement in field crops	Constraints of Oilseed production	1	4	ON	5-8.9.2022	5	-	-	-	20	-	25	-	25
	Seed production of pulses	1	4	ON	20-23.2.2022	5	-	-	-	20	-	25	-	25
Integrated Pest Management	New vistas in Rice pest control	1	2	ON	4-5.08.20	5	-	-	-	20	-	25	-	25
	Fall army control in maize	1	2	ON	8-9.05.20	5	-	-	-	20	-	25	-	25
	Pest management in Pulses crop	1	2	ON	4-5.10.20	5	-	-	-	20	-	25	-	25
Integrated Nutrient management	Use of micronutrients in Kharif Crops	1	2	ON	09-10.6.20	5	-	-	-	20	-	25	-	25
	Use of Nano	1	2	ON	14-	5	-	-	-	20	-	25	-	25

	Fertilizer in Rabi Crops				15.10.20									
Formation & Management of SHGs	Formation & Management of SHGs	1	4	ON	20-23.3.2022	5	-	-	-	20	-	25	-	25
Group Dynamics and farmers organization	Group Dynamics and farmers organization	1	4	OFF	5-8.9.2022	5	-	-	-	20	-	25	-	25
Protected cultivation Technique	Use and advantage of poly mulch with drip in Vegetable cultivation	1	2	ON	7-11.3.2022	5	-	-	-	20	-	25	-	25
	Renovation of old Mango and Guava orchard	1	2	ON	21-22.12.2022	5	-	-	-	20	-	25	-	25
Fruit Production	High density plantation technique in Mango	1	2	ON	21-22.7.20	5	-	-	-	20	-	25	-	25
	High density plantation technique in Mango	1	2	ON	1-2.08.20	5	-	-	-	20	-	25	-	25
Aromatic cultivation	Scientific package in Japanese Mint & its distillation techniques	1	2	ON	02-03.02.20	5	-	-	-	20	-	25	-	25
RCT	Use of Sprinkler irrigation system in Okra & Cowpea to save irrigation Water	1	2	ON	24-25.03.21	5	-	-	-	20	-	25	-	25
Women and Child care	Role of Potash & Zinc in Women and child nutrition	1	2	ON	18-19.10.20	-	5	-	-	-	20	-	25	25
Low cost and nutrient efficient diet designing	Preparation of Balanced diet with local material	1	2	ON	08-09.10.20	-	5	-	-	-	20	-	25	25
Gender mainstreaming through SHGs	Management of SHG with focus on Entrepreneurship	1	2	ON	08-09.11.20	-	5	-	-	-	20	-	25	25
Production and use of organic inputs	In situ Azola Production	1	2	ON	10 -11.08.20	5	-	-	-	20	-	25	-	25
Crop	Introduction of	1	2	ON	10 -11.02.	5	-	-	-	20	-	25	-	25

intensification	short duration single picking Green gram variety				21									
	Introduction of short duration rice variety for early potato	1	2	ON	25 -26. 05. 20	5	-	-	-	20	-	25	-	25
	Total	**21**	**50**			**90**	**15**			**360**	**60**	**450**	**75**	**525**
Grand Total A+B+C		**214**	**424**			**850**	**190**	**210**	**976**	**2610**	**1786**	**10386**	**1000**	**5386**

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	2	40	-	40	10	-	10	-	-	-	50	-	50
Resource Conservation Technologies	10	188	26	214	35	-	35	-	-	-	223	26	249
Cropping Systems	7	140	-	140	35	-	35	-	-	-	175	-	175
Crop Diversification	4	80	-	80	20	-	20	-	-	-	100	-	100
Integrated Farming													
Water management	4	80	-	80	20	-	20	-	-	-	100	-	100
Seed production	12	240	-	240	60	-	60	-	-	-	300	-	300
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs	1	20	-	20	5	-	5	-	-	-	25	-	25
Others, (cultivation of crops)													
Production & use of organic inputs													
Micronutrient deficiency													
Seed Treatment	2	40	-	40	10	-	10	-	-	-	50	-	50
IDM													
TOTAL	**43**	**848**	**26**	**874**	**200**	**-**	**200**	**-**	**-**	**-**	**847**	**26**	**873**

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
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	3	60	-	60	15	-	15	-	-	-	75	-	75
Water management	2	40	-	40	10	-	10	-	-	-	50	-	50
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising	6	120	-	120	30	-	30	-	-	-	150	-	150
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization	2	40	-	40	10	-	10	-	-	-	50	-	50
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	12	240	-	240	60	-	60	-	-	-	300	-	300
Weed management													
INM													
TOTAL	**23**	**500**	**-**	**500**	**125**	**-**	**125**	**-**	**-**	**-**	**625**	**-**	**625**
b) Fruits													
Training and Pruning	2	40	-	40	10	-	10	-	-	-	50	-	50
Layout and Management of Orchards	5	100	-	100	25	-	55	-	-	-	125	-	125
Cultivation of Fruit	3	60	-	60	15	-	15	-	-	-	75	-	75
Management of young plants/orchards	2	40	-	40	10	-	10	-	-	-	50	-	50
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards	2	40	-	40	10	-	10	-	-	-	50	-	50
Plant propagation techniques													
Others ,if any INM													
IDM	5	100	-	100	25	-	25	-	-	-	125	-	125

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
IPM	4	80	-	80	20	-	20	-	-	-	100	-	100
TOTAL	**23**	**460**	**-**	**460**	**115**	**-**	**115**	**-**	**-**	**-**	**575**	**-**	**575**
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													

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
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management	1	20	-	20	5	-	5	-	-	-	25	-	25
Soil and Water Conservation													
Integrated Nutrient Management	7	170	-	170	30	-	30	-	-	-	200	-	200
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops	1	20	-	20	5	-	5	-	-	-	25	-	25
Nutrient Use Efficiency													
Soil and Water Testing	3	60	-	60	15	-	15	-	-	-	75	-	75
Others, if any													
TOTAL	**12**	**270**	**-**	**270**	**55**	**-**	**55**	**-**	**-**	**-**	**325**	**-**	**325**
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	3	-	60	60	-	15	15	-	-	-	-	75	75
Design and development of low/minimum cost diet	4	-	80	80	-	20	20	-	-	-	-	100	100
Designing and development for high													

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
nutrient efficiency diet													
Minimization of nutrient loss in processing	2	-	40	40	-	10	10	-	-	-	-	50	50
Gender mainstreaming through SHGs	2	-	40	40	-	10	10	-	-	-	-	50	50
Storage loss minimization techniques	4	-	80	80	-	20	20	-	-	-	-	100	100
Enterprise development													
Value addition	4	-	80	80	-	20	20	-	-	-	-	100	100
Income generation activities for empowerment of rural Women	3	-	60	60	-	15	15	-	-	-	-	75	75
Location specific drudgery reduction technologies	4	-	80	80	-	20	20	-	-	-	-	100	100
Rural Crafts	3	-	60	60	-	15	15	-	-	-	-	75	75
Capacity building													
Women and child care	2	-	40	40	-	10	10	-	-	-	-	50	50
Others, if any													
TOTAL	**31**	**-**	**620**	**620**	**-**	**155**	**155**	**-**	**-**	**-**	**-**	**775**	**775**
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	1	20	-	20	5	-	5	-	-	-	25	-	25
Others, if any													
TOTAL	**1**	**20**	**-**	**20**	**5**	**-**	**5**	**-**	**-**	**-**	**25**	**-**	**25**
VII. Plant Protection													
Integrated Pest Management	17	342	-	342	80	-	80	-	-	-	422	-	422
Integrated Disease Management	9	180	-	180	45	-	45	-	-	-	225	-	22

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
													5
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any Weed Management													
RCT													
Seed Production of Pulses													
TOTAL	**26**	**522**	**-**	**522**	**125**	**-**	**125**	**-**	**-**	**-**	**647**	**-**	**647**
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													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													

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
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 RCT													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL													
Grand Total	**180**	**305**			**715**	**155**	**210**	**976**	**2070**	**1646**	**9711**	**825**	**4536**

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	2	-	40	40	-	10	10	-	-	-	-	50	50
Bee-keeping	2	40	-	40	10	-	10	-	-	-	50	-	50
Integrated farming													
Seed production	3	60	-	60	15	-	15	-	-	-	75	-	75
Production of organic inputs	1	20	-	20	5	-	5	-	-	-	25	-	25
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops	2	40	-	40	10	-	10	-	-	-	50	-	50
Commercial fruit production	1	20	-	20	5	-	5	-	-	-	25	-	25
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	1	-	20	20	-	5	5	-	-	-	-	25	25
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing	1	-	20	20	-	5	5	-	-	-	-	25	25
Post Harvest Technology	1	20	-	20	5	-	5	-	-	-	25	-	25
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any	1	20	-	20	5	-	5	-	-	-	25	-	25

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
(Commercial Flower cultivation)													
TOTAL	**15**	**220**	**80**	**300**	**55**	**20**	**75**	**-**	**-**	**-**	**275**	**100**	**375**

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	17	340	-	340	85	-	85	-	-	-	425	-	425
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards	1	20	-	20	5	-	5	-	-	-	25	-	25
Value addition													
Protected cultivation technology	1	20	-	20	5	-	5	-	-	-	25	-	25
Formation and Management of SHGs	1	20	-	20	5	-	5	-	-	-	25	-	25
Group Dynamics and farmers organization	1	20	-	20	5	-	5	-	-	-	25	-	25
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													

Crop intensification													
Others if any Aromatic crop Japanese mint Production													
TOTAL	**21**	**50**			**90**	**15**			**360**	**60**	**450**	**75**	**525**
TOTAL A+ B +C	**214**	**424**			**850**	**190**	**210**	**976**	**2610**	**1786**	**10386**	**1000**	**5386**

4. Frontline demonstration to be conducted*

Crop: Paddy
Thrust Area: Long duration high yielding
Thematic Area: Crop Production
Season: Kharif 2022-23
Farming Situation: Irrigated

Crop: Rice
Thrust Area: Control of False Smut in Paddy
Thematic Area: Crop Production
Season: Rabi 2022-23
Farming Situation: Irrigated

Crop: Paddy
Thrust Area: Micronutrient deficiency
Thematic Area: INM
Season: Kharif 2022-23
Farming Situation: Irrigated

Crop: Lentil
Thrust Area: Control of Rust in Lentil
Thematic Area: Crop Production
Season: Rabi 2022-23
Farming Situation: Un Irrigated

Crop: Wheat
Thrust Area: HYV Fortified Wheat
Thematic Area: Crop Production
Season: Kharif -2022-23
Farming Situation: Irrigated

Crop: Onion
Thrust Area: Stress Management
Thematic Area: Weed control
Season: Rabi 2022-23
Farming Situation: Irrigation

Sl. No.	Crop	Thrust Area	Thematic Area	Season	Farming Situation
1	Paddy	High Yielding	Crop Production	Kharif 2022	Irrigated
2	Rice	Control of False Smut in Paddy	Crop Production	Kharif 2022	Irrigated

3	Paddy	Micronutrient deficiency	INM	Kharif 2022	Irrigated
4	Lentil	Control of Rust in Lentil	IDM –Crop Production	Rabi 2022-23	Un Irrigated
5	Wheat	HYV	Crop Production	Rabi 2022-23	Irrigated
6	Onion	Stress Management	Weed control	Rabi 2020	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	Paddy	4.0	Varietal Demonstration HYV	Yield No. of effective tiller, Plant height	Sabour Shree	2520	5600					16	-	20	-	20
2	Paddy	4	IDM,	1)Percentage of Infected plant /m2 2)Net return and BC Ratio 3)Feedback of farmers	Thifluzamide 150 ml/acr.	4000	3500	5				15	-	20	-	20
3	Paddy	4	INM	Yield & Economics	Foliar Zinc	1800	2700	10	15					10	15	25
4	Lentil	2	IDM	1)Percentage of Infected plant /m2 2)Net return and BC Ratio 3)Feedback of farmers	Propiconazol 25 EC 200 ml / acre.	2500	1250	3				7	-	10	-	10
5	Wheat	2	Fortified Seed	Yield No. of effective tillage / m^2 Plant height	BHU - 31	7600	9000	2				8	-	10	-	10
6	Onion	5	Weed Control	Weed index Yield & Economics	Herbicide Oxyfluorfen 23.5 Ec.	6000	8000	5				20		25	-	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
Paddy	Production Training	2	PF	2+2=4 days	OFF	6	-	-	-	30	-	36	-	36
	Field Day	1	PF	1	OFF	8	-	-	-	35	-	43	-	43
Paddy	Plant Protection, Demo.	2	PF	2+2=4 days	OFF	6	-	-	-	30	-	36	-	36
	Field Day	1	PF	1	OFF	8	-	-	-	35	-	43	-	43
Paddy	INM, Demo	2	PF	2+2=4	OFF	5	-	-	-	30	-	35	-	35
Lentil	Plant Protection, Demo.	1	PF	1	OFF	6	-	-	-	34	-	40	-	40
	Field Day	1	PF	1	OFF	8	-	-	-	35	-	43	-	43
Wheat	Production Training	2	PF	2+2=4	OFF	6	-	-	-	30	-	36	-	36
	Field Day	1	PF	1	OFF	8	-	-	-	35	-	43	-	43
Onion	Weed Control	1	PF	1	OFF	8	-	-	-	30	-	38	-	38
	Field Day	1	PF	1	OFF	8	-	-	-	35	-	43	-	43

* 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)

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.)
Paddy	R. Sweta	June-Nov	2.0	F/S & C/S	60.00	60000.00	120000.00	
	R. Kasturi	June-Nov	5.6	F/S & C/S	140.00	168000.00	360000.00	
Total			7.6		200.00	228000.00	480000.00	
wheat	HD-2967	Nov – March	3.0	F/S & C/S	110.00	120000.00	253000.00	

	HD-2733	Nov – March	3.0	F/S & C/S	90.00	120000.00	207000.00	
	HI-1563	Nov – March	2.0	F/S & C/S	60.00	80000.00	138000.00	
Total			8.0		260.00	320000.00	598000.00	278000.00

b) Village Seed Production Programme

Name of the Crop / Enterprise	Variety / Type	Period From…… to ……..	Area (ha.)	No. of farmers	Details of Production				
					Type of Produce	Expected Production(q)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Paddy	R. Sweta	June – Nov	20	50	C/S	600			
	BPT-5204	June – Nov	5	15	C/S	160			
Wheat	HD-2967	Nov. -March	20	50	C/S	700			
	HI-1563	Nov. -March	20	50	C/S	500			
Lentil	PL-8	Nov. -March	20	50	C/S	160			
	HUL-57	Nov. -March	20	50	C/S	160			
	Total		105	265		2280			

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	300	-	300	20	40	-	40	340	-	340
2.	Kishan Mela	2	800	100	900	15	50	10	60	850	110	960
3.	Kishan Ghosthi	10	900	100	1000	20	150	-	150	1050	100	1150
4.	Exhibition	1										
5.	Film Show	50										
6.	Method Demonstrations	5	100	-	100	15	20	-	20	120	-	120
7.	Farmers Seminar	1										
8.	Workshop	5	250	-	250	15	25	-	25	275	-	275
9.	Group meetings	1	40	10	50	15	10	-	10	50	10	60
10.	Lectures delivered as	20										

	resource persons											
11.	Advisory Services	5000	4600	200	4800	20	200	-	200	4800	200	5000
12.	Scientific visit to farmers field	10	200	-	200	20	50	-	50	250	-	250
13.	Farmers visit to KVK	1500	1000	50	1050	25	-	-	-	1000	50	1050
14.	Diagnostic visits	10	200	-	200	15	20	-	20	220	-	220
15.	Exposure visits											
16.	Ex-trainees Sammelan	2	100	-	100	15	20	-	20	120	-	120
17.	Soil health Camp	5	100	-	100	15	10	-	10	110	-	110
18.	Animal Health Camp	1	50	-	50	25	5	-	5	55	-	--
19.	Agri mobile clinic											
20.	Soil test campaigns											
21.	Farm Science Club Conveners meet											
22.	Self Help Group Conveners meetings	5	50	200	250	25	25	-	25	75	200	275
23.	Mahila Mandals Conveners meetings											
24.	Celebration of important days (specify)											
25.	Sankalp Se Siddhi	1										
26.	Swatchta Hi Sewa	1										
27.	Mahila Kishan Diwas	1										
28.	Any Other (Specify)											
	National MILK day	1										
	World Environmental Day	1										
	International Yoga Day	1										
	National Youth Day	1										
	World Milk Day	1										
	ICAR Foundation Day	1										
	Parthenium week	1										
	World Food Day	1										
	Nation Nutritional Week	1										
	World Soil Health Day	1										
	Jai Jawan Jai Kishan Diwas	1										
	Total	**6642**	**7490**	**660**	**8150**	**-**	**625**	**10**	**625**	**8115**	**670**	**8785**

7. Revolving Fund (in Rs.)

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

8. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)
Assessment of New Technology	**ATMA**	**100000.00**
INM Certificate Course	**Participants**	**1500000.00**

9. On-farm trials to be conducted*

PBG -1

i. **Season:** Rabi 2022-23
ii. **Title of the OFT:** Assessment of the Yield Performance of Different genotype of Chickpea
iii. **Thematic Area:** Cropping System
iv. **Problem diagnosed:** Poor performance due to local varieties
v. **Important Cause:** Poor Germplasm
vi. **Production system:** Rice -Wheat Cropping System
vii. **Micro farming system:** Irrigated
viii. **Technology for Testing:** Improved Varieties
ix. **Existing Practice:** Cultivation of local Varieties
x. **Hypothesis:**. Low yield of local varieties due to poor vigor and low yield potential
xi. **Objective(s):** To maximize Yield per unit area
xii. **Treatments:**
Farmers practice – Use of local variety
T.O. 1. - RVG- 202
T.O. 2. – Sabour Chana - 1
xiii. **Critical Inputs:** Seed
xiv. **Unit Size:** 500m^2
xv. **No of Replications:** 7
xvi. **Unit Cost: 500.00**
xvii. **Total Cost: 3500.00**
xviii. **Monitoring Indicator:** Plant height, No. of Branch / plant, 100 grain weight, Avg. yield/ha.

Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify): BAU, Sabour, Bhagalpur

PBG -2

i. **Season:** Rabi 2022-23

ii. **Title of the OFT:** Assessment of Wheat cultivars for late sown condition.

iii. **Thematic Area:** Crop Production

iv. **Problem diagnosed:** Paddy variety MTU-7029 is grown in major part of Cannel Irrigated Area in Bhojpur. This result in delay in Rabi sowing and leads to drastic reduction in Wheat and Pulses productivity.

v. **Important Cause:** Long duration paddy reducing the Rabi crop span

vi. **Production system:** Rice -Wheat Crop Production

vii. **Micro farming system:** Irrigated

viii. **Technology for Testing:** Improved Varieties

ix. **Existing Practice:** PBW – 154, a very old variety,

x. **Hypothesis:** Under late sown condition the improved variety will give better Yield

xi. **Objective(s):** Assessing the potential of improved cultivar.

xii. **Treatments:**

Farmers practice - Cultivation of PBW-154

Technology Option-I (TO-I): Sabour Sheresta

Technology Option-II (TO-II): Sabaur Samaridhi

xiii. **Critical Inputs:** Seed

xiv. **Unit Size:** 2000 Sq mt

xv. **No of Replications: 7**

xvi. **Unit Cost: 800.00**

xvii. **Total Cost: 5600.00**

xviii. **Monitoring Indicator:** Effective tillers / m^2 No. of grains / spike, grain weight and test weight

xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** BAU, Sabour, Bhagalpur

Ag. Extension -1

i. **Season:** Kharif 2022-23

ii. **Title of the OFT:** Assessment of different Rice sowing technology and its adoptability

iii. **Thematic Area:** Crop Production

iv. **Problem diagnosed:** Under changing climatic condition farmers are facing lot of challenges for rice transplanting due to irregular rain fall as well as limited availability of Water.

v. **Important Cause:** Older seedling & water management

vi. **Production system:** Cropping System

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

viii. **Technology for Testing:** 1. Personal interview & their reaction .2. Open ended questionnaire process

ix. **Existing Practice:** Farmers Practices

x. **Hypothesis:** Mechanization can improve the water use efficiency & helpful in timely sowing of Rice

xi. **Objective(s):** To assess the adoptability of mechanization in Rice sowing /transplantation.

xii. **Treatments:**

Technology option-1 Farmers Practice (FP): Puddling followed by manual transplanting

Technology option-2 (TO-2): D.S.R. Dry condition

Technology option-3 (TO-3): Drum Seedling – late condition

Technology option-4 (TO-4): Puddeled Mechanical Transplanted Rice

xiii. **Critical Inputs:** Questionnaire

xiv. **Unit Size:** 1 Acre

xv. **No of Replications:** 7

xvi. **Unit Cost:** 700.00

xvii. **Total Cost:** 4900.00

xviii. **Monitoring Indicator:** Adoption percentage, constraints in adoption

Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify): BAU, Sabour, Bhagalpur

Ag. Extension -2

i. **Season:** Rabi 2022-23

ii. **Title of the OFT:** Assessment of different Wheat sowing technology and its adoptability

iii. **Thematic Area:** Crop Production & Residue Management

iv. **Problem diagnosed:** In Bhojpur District timely sowing of Wheat and residue management is very vital issue

v. **Important Cause:** Canal based Irrigation & Residue management.

vi. **Production system:** Cropping System

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

viii. **Technology for Testing:** 1. Personal interview & their reaction .2. Open evaded questionnaire process

ix. **Existing Practice:** Broadcasting of wheat

x. **Hypothesis:** Different type of sowing technology helpful in water conservation as well as residue management.

xi. **Objective(s):** To aware about mechanical sowing technology for residue and water management.

xii. **Treatments:**

T.O. -1 - Farmers Practice (FP): Broadcasting

Technology option-2 (TO-2): Sowing through Z.T. Drill

Technology option-3 (TO-3): Sowing through Happy Seeder

Technology option -4 (TO-4) : Sowing through Seed Drill

xiii. **Critical Inputs:** Technology

xiv. **Unit Size:** 1 Acre

xv. **No of Replications:** 7

xix. **Unit Cost:** 600.00

xvi. **Total Cost:** 4200.00

xvii. **Monitoring Indicator:-** Adoption percentage, constraints in adoption.

Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify): BAU, Sabour, Bhagalpur

Home Science -1

i. **Season:** Rabi 2022-23

ii. **Title of the OFT:** Assessment of Preparation methods of Carrot Jam for more shelf life enhancement of nutrition & income

iii. **Thematic Area:** Value addition

iv. **Problem diagnosed:** Volume of raw carrot is underutilized and depression in price is incurring loss to farmers

v. **Important Cause:** Lack of knowledge for proper preservation.

vi. **Production system:** Rice/ Maize –Carrot – fallow/Summer vegetable

vii. **Micro farming system:** Irrigated

viii. **Technology for Testing:** Preservative to improve the self life

ix. **Existing Practice:** No preservation

x. **Hypothesis:** Preservation will improve the self life and more value addition.

xi. **Objective(s):** To improve the Economic condition of Carrot grower.

xii. **Treatments:**

Farmers Practice (FP): Selling fresh Carrot such as vegetable.

Technology option-I (TO-I): Preparation of Carrot Jam

Formulation – Ingredients – Carrot 1 Kg., Sugar-1 Kg., Water – 100 ml, Citric Acid – 6.0 gram Pectin Powder – 10 gm. Sodium Benzoate – 1.0 gm.

Technology option-II (TO-II): Preparation of Carrot Jam with essence.

Formulation – Ingredients – Carrot 1 Kg., Sugar-1 Kg., Water – 100 ml, Citric Acid – 6.0 gram Pectin Powder – 10 gm., Sodium Benzoate – 1.0 gm, Lemon essence – 5 ml.

xiii. **Critical Inputs:** Sugar, Sodium Benzoate, Lemon essence, Pectin Powder

xiv. **Unit Size: 5 Bottle**

xv. **No of Replications: 14**

xvi. **Unit Cost: 300**

xvii. **Total Cost: 4200**

xviii. **Monitoring Indicator: 1. TSS (%)**

2. Acidity (%) Economic Indicator – Net return & BC ration

3. Sensory Analysis:

i) Test

ii) Color

iii) Flavor

iv) Texture

v) Overall Acceptability

4. Packaging Material: Glass Jar 500 g

5. Shelf life (0, 15, 30, 45, 60 and 75 days at Ambient/Refrigerated condition.

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

Home Science -2

i. **Season:** Rabi 2022-23

ii. **Title of the OFT:** Assessment of Preparation method of Potato Flakes for more self life enhancement at income.

iii. **Thematic Area:** Value addition

iv. **Problem diagnosed:** Volume of Potato is underutilized and depression in price is incurring loss to farmers

v. **Important Cause:** Lack of knowledge for proper preservation

vi. **Production system:** Rice/ Maize –Potato – fallow/Summer vegetable

vii. **Micro farming system:** Irrigated

viii. **Technology for Testing:** Preservative to improve the self life

ix. **Existing Practice:**

x. **Hypothesis:**

xi. **Objective(s):** To improve the Economic condition of Potato grower

xii. **Treatments:**

Farmers Practice (FP): Local people consume fresh Potato as such as vegetable

Technology Option-I (TO-I): Preparation of Potato Flakes

Formulation – Ingredients – Sliced Potato (3-5mm) 5 Kg. Salt – 50 gram, Water – 7.5 liter, KMS – 6 gm.

Technology option-II (TO-II): Preparation of Potato Flakes with Sour test

Formulation – Ingredients – Sliced Potato (3-5mm)-5 Kg., Salt – 50gr., Water -705 lt. KMS – 6 gm., Glacial Ascetic Acid – 50 ml.

xiii. **Critical Inputs:** Salt, KMS, Acetic Acid

xiv. **Unit Size: 500 gram**

xv. **No of Replications: 14**

xvi. **Unit Cost: 300**

xvii. **Total Cost: 4200**

xix. **Monitoring Indicator:** i) Sensory Analysis (Fried edible refined oil) – Test, Texture (Crispness), Color, Flavor, overall Acceptability

ii) Packaging Material – Metalized Polyester (200 gauge)

iii) Sell like (0, 15, 30, 45, 60 and 75 days at ambient condition**.**

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

xviii. .....

Plant Protection -1

I. **Season:** Kharif 2022-23

II. **Title of the OFT:** Assessment of Chemical Control of Phomopsis Blight in Brinjal

III. **Thematic Area:** Integrated Disease Management

IV. **Problem diagnosed:** Brinjal is the major vegetable crop of Bhojpur on Area of 950 Ha. Approx. Now a days this high value crop is suffering due to Phomopsis Blight caused by Phomopsis vexans which survive on plant debris. In the soil during hot & humid condition the incidence may result in yield reduction from 15 to 35% as observed by farmers. The disease appears during vegetative as well as fruit setting stage.

V. **Important Cause :** Change in climatic condition and lack of proper medication

VI. **Production system:** Brinjal- Wheat - Cowpea

VII. **Micro farming system:** Irrigated

VIII. **Technology for Testing:** Assessment of Molecules

IX. **Existing Practice:** Improper / Unbalance balance selection of molecules

X. **Hypothesis:** The new generation molecule may control the disease activity

XI. **Objective(s):** Disease management with better economic return from Paddy crop

XII. **Treatments:**

i. Farmers Practice (FP): Spray of Copper oxychloride . 50% WP @ 3Kg/ha.

ii. Technology option-I (TO-I): Spray of Carbendazim 12 % + Mancozeb 63 % @2Kg./ha.

iii. Technology option-II (TO-II): Spray of Tebuconazole 50%+ Trifloxystrobin 25%WP@350 gram. / ha.

XIII. **Critical Inputs:** Fungicides

XIV. **Unit Size: 100 Sq mt**

XV. **No of Replications: 7**

XVI. **Unit Cost: 500**

XVII. **Total Cost: 3500**

XVIII. **Monitoring Indicator:** 1. Percentage of infected plant /m^2

a. **2.** Yield Variation

b. **3.** Net return & BC Ratio

c. **4.** Farmers Feedback – Over all crop growth & grain Quality

XIX Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify): OUAT, Bhubneshwar

Plant Protection -2

I. **Season:** Rabi 2022-23

II. **Title of the OFT:** Evaluation of Chemical control of Pod Borer in Green Pea

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

IV. **Problem diagnosed:** Vegetable pea is the major cash crop of flood prone area in Bhojpur. It is occupying an area of 1500 to 1800 ha and Pod borer infestation is causing big losses to farmers. All varieties are susceptible to this insect.

V. **Important Cause:** Change in climatic condition resulted in sever infestation

VI. **Production system:** Early Rice/Maize – Green Pea- Late wheat/Onion

VII. Micro farming system: Irrigated

VIII. **Technology for Testing:** Assessment of molecules

IX. **Existing Practice:** Improper use of molecules

X. Hypothesis: The new generation molecule may control the pest activity

XI. Objective(s): Pest management with better economic return from Green Pea crop

XII. Treatments:

i. Farmers Practice (FP): Spray of Chlorpyriphos 20% EC @ 3 lit / ha..

ii. Technology option-I (TO-I): Spray of Thiodicarb 75 % WP @ 625 gr. / ha.

iii. Technology option-II (TO-II): Spinosad 45 % SC 150 ml / ha.

XIII. Critical Inputs: Insecticide

XIV. **Unit Size: 1000 Sq mt**

XV. No of Replications: 7

XVI. **Unit Cost: 600**

XVII. Total Cost: 4200

XVIII. **Monitoring Indicator:** 1. Percentage of infected plant /m^2

a. **2.** Yield Variation & Test wt.

b. **3.** Net return & BC Ratio

c. **4.** Farmers Feedback – Over all crop growth & grain Quality

XIX. Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify): DRPCAU, Samastipur

Horticulture -1

i. **Season:** Kharif 2022-23

ii. **Title of the OFT:** Intercropping of Okra + Cowpea for high income per unit area.

iii. **Thematic Area:** Intercropping

iv. **Problem diagnosed:** Okra and Cowpea are most popular Kharif vegetable having good commercial value. But alone either Okra or Cowpea cannot give better yield. Thus, intercropping of both the crops can support more yield as well as income per unit area.

v. **Production system:** Irrigation, Okra – Wheat- Spinach

vi. **Technology for Testing:** Intercropping Okra with Cowpea

vii. **Existing Practice:** Farmers practice is alone Cowpea or Okra cultivation

viii. **Hypothesis:** Increasing the production as well as income per unit area

ix. **Objective(s):** Minimize the risk of single crop to maximize the production and income.

x. **Treatments:**

T.O -1- Farmers Practice (Okra as sole Crop)

T. O. – 2 – Okra + Cowpea (1:1) at 75 Cm spacing

T.O -3 – Okra + Cowpea (1:2) at 90 Cm spacing

xi. **Critical Inputs:** Seed and Seed treatment

xii. **Unit Size:** 250^2m

xiii. **No of Replications:** 7

xiv. **Unit Cost:** Rs. 500.00

xv. **Total Cost:** Rs. 3500.00

xvi. **Performance of Technology with performance indicator**

i) Sole crop yield

ii) Inter crop yield

iii) Cost of cultivation

iv) Gross income

v) Net income

vi) B.C. ratio

xvii. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify): BAU, Sabour**

Horticulture -2

i. **Season:** Rabi 2022-23

ii. **Title of the OFT:** Effect of different lake of Sulfur or yield and Quality of Onion

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

iv. **Problem diagnosed:** Onion is one of the most popular Rabi vegetable having good commercial value. But farmers cannot fetch good yield as well as quality of bulb. So, Sulfur can support in production as well as quality of bulb.

v. **Production system:** Irrigated, Rice – Wheat & Rice - Onion

vi. **Technology for Testing:** Sulfur Management (INM)

vii. **Existing Practice:** Farmers do not use Sulfur

viii. **Hypothesis:** Increasing the production & income

ix. **Objective(s):** Minimize the poor quality production

x. **Treatments:**

T. O – 1 – Farmers Practices (RDF)

T. O -2 – 20 Kg. Sulfur per ha.

T. O – 3 – 40 Kg Sulfur per ha.

xi. **Critical Inputs:** Sulfur

xii. **Unit Size: 1000 m^2**

xiii. **No of Replications:**7

xiv. **Unit Cost:** Rs. 300.00

xv. **Total Cost:** Rs. 4200.00

xvi. **Performance of Technology with performance indicator**

vii) Size of bulb

viii) Average bulb at

ix) Cost of cultivation

x) Gross income

xi) Net income

xii) B.C. ratio

xvii. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify): BAU, Sabour**

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	ARYA	1000000.00
2	PKVY	200000.00
3	CRA Programme	8000000.00
4	SCSP	150000.00

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

1. **Entrepreneur Development with Beekeeping**
2. **Entrepreneur Development with Seed Production**

12. Scientific Advisory Committee

Date of SAC meeting held during 2021-22	Proposed date during 2022-2023
	25 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	1000	200	-	-	-	800	-	1000	-	1000	20	1000
Water Samples												
Other (Please specify)												
Total	1000	200	-	-	-	800	-	1000	-	1000	20	1000

14,Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.) up to 31.03.2022	Expected fund requirement (Rs.)
Pay & Allowances	14083177.00	18000000.00
TA	72000.00	100000.00
HRD	36000.00	50000.00
Contingency	1050202.00	1250000.00
Vehicle	00.00	1000000.00
Total	**15241379.00**	**20400000.00**

* Any additional requirement may be suitably * Any additional requirement may be suitably justified.

10. 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

(**P. K. Dwivedi**)
Senior Scientist and Head
K.V.K., Bhojpur, Ara