Action Plan

(April 2020 – March 2021)

Presented to ZONE IV

5th May 2020

KRISHI VIGYAN KENDRA, BHOJPUR, ARA,

Water and Land Management Institute (WALMI)

Phulwari Sharif, Patna

ACTION PLAN 2020-2021

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	
Director Water and Land Management Institute (WALMI) Phulwari Sharif, Patna			cadwmc.bih@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 (April 2020 to March 2021)

(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														
Cropping System	Scientific cultivation of Red Gram	1	2	ON	5-6.6.20	5	-	-	-	20	-	25	-	25
	Scientific cultivation of Red Gram	1	2	ON	15-16.6.20	5	-	-	-	20	-	25	-	25
	Water management in Maize	1	2	ON	7-8.6.20	5	-	-	-	20	-	25	-	25
Total		**3**	**6**			**15**				**60**		**75**		**75**
Production of Organic Inputs	Green Mannuring in Transplanted Rice	1	2	ON	3-4.6.20	5	-	-	-	20	-	25	-	25
	Green Mannuring in Transplanted Rice	1	2	ON	10-11.6.20	5	-	-	-	20	-	25	-	25
	Green Mannuring in Transplanted Rice	1	2	OFF	17-18.6.20	5	-	-	-	20	-	25	-	25
	Brown Mannuring of Sesbania	1	2	OFF	20-21.6.20	5	-	-	-	20	-	25	-	25
Total		**4**	**8**			**20**				**80**		**100**		**100**
Crop Diversification	Scientific cultivation of Hybrid Maize	1	2	OFF	22-23.6.20	5	-	-	-	20	-	25	-	25
	Scientific cultivation of Hybrid Maize	1	2	OFF	28-29.6.20	5	-	-	-	20	-	25	-	25
	Scientific cultivation of Hybrid Maize	1	2	OFF	30-31.6.20	5	-	-	-	20	-	25	-	25
	Cultivation of Pearl millet in drought prone area	1	2	OFF	21-22.7.20	5	-	-	-	20	-	25	-	25

	Cultivation of short duration Paddy to mitigate climate change	1	2	OFF	14-15.7.20	5	-	-	-	20	-	25	-	25
	Commercial production of Scented Rice	1	2	OFF	4-5.07.20	5	-	-	-	20	-	25	-	25
Total		**6**	**12**			**30**				**120**		**150**		**150**
Weed management	Weed control in transplanted Rice	1	2	ON	12-13.7.20	5	-	-	-	20	-	25	-	25
	Weed control in DSR	1	2	ON	24-25.7.20	5	-	-	-	20	-	25	-	25
	Weed management in Wheat	1	2	ON	25-26.10.20	5	-	-	-	20	-	25	-	25
	Weed management in Lentil	1	2	OFF	9-10.10.20	5	-	-	-	20	-	25	-	25
	Weed management in Chickpea	1	2	OFF	30-31.10.20	5	-	-	-	20	-	25	-	25
Total		**5**	**10**			**25**				**100**		**125**	**-**	**125**
Production and Use of Organic Inputs	Use of Bio-fertilizer in Paddy	1	2	ON	16-17.6.20	5	-	-	-	20	-	25	-	25
	Use of Bio-fertilizer in Wheat	1	2	OFF	6-7.11.20	5	-	-	-	20	-	25	-	25
Total		**2**	**4**			**10**				**40**		**50**	**-**	**50**
Micronutrient Deficiency in Crop	Zinc and Boron application in Paddy	1	2	OFF	2-3.8.20	5	-	-	-	20	-	25	-	25
	Role of Micronutrients in Pulses	1	2	OFF	4-5.11.20	5	-	-	-	20	-	25	-	25
Total		**2**	**4**			**10**				**40**		**50**	**-**	**50**
Nursery Management	Preparation of raised bed nursery of Rice	1	2	ON	2-3.6.20	5	-	-	-	20	-	25	-	25
	Preparation of raised bed nursery of Rice	1	2	ON	6-7.06.20	5	-	-	-	20	-	25	-	25
Total		**2**	**4**			**10**				**40**		**50**		**5 0**
Seed Production	Seed Production of Medium duration Rice	1	2	OFF	1-2.7.20	5	-	-	-	20	-	25	-	25
	Seed production of Lentil	1	2	OFF	3-4.10.20	5	-	-	-	20	-	25	-	25
	Seed production of Gram	1	2	OFF	8-9.11.20	5	-	-	-	20	-	25	-	25
	Seed production techniques in Lentil	1	2	ON	11-12.10.20	5	-	-	-	20	-	25	-	25

	Seed production of timely sown Wheat	1	2	OFF	13-14.11.20	5	-	-	-	20	-	25	-	25
	Seed Production of Late Sown Wheat	1	2	ON	15-16.11.20	5	-	-	-	20	-	25	-	25
	Seed production of Wheat	1	2	ON	20-21.11.20	5	-	-	-	20	-	25	-	25
	Seed production of Wheat	1	2	ON	22-23.11.20	5	-	-	-	20	-	25	-	25
	Seed production techniques in Chickpea	1	2	ON	25-26.11.20	5	-	-	-	20	-	25	-	25
	Seed production techniques in Lentil	1	2	OFF	02-03.12.20	5	-	-	-	20	-	25	-	25
	Seed production techniques in Lentil	1	2	OFF	04-05.12.20	5	-	-	-	20	-	25	-	25
	Seed production of Chickpea	1	2	OFF	06-07.12.20	5	-	-	-	20	-	25	-	25
	Training on Handling of Quality Seed (Threshing, Packaging & Storing)	1	2	ON	13-14.3.21	5	-	-	-	20	-	25	-	25
Total		**13**	**26**			**65**				**260**		**325**		**325**
Seed Treatment	Seed treatment in Rice	1	2	OFF	4-5.6.20	5	-	-	-	20	-	25	-	25
	Seed treatment in Lentil	1	2	OFF	22-23.10.20	5	-	-	-	20	-	25	-	25
	Seed treatment in Chickpea	1	2	OFF	15-16.10.20	5	-	-	-	20	-	25	-	25
	Seed treatment in Wheat	1	2	OFF	18-19.10.20	5	-	-	-	20	-	25	-	25
Total		**4**	**8**			**20**				**80**		**100**		**100**
Integrated Disease Management	Wilt control in Lentil	1	2	OFF	18-19.11.20	5	-	-	-	20	-	25	-	25
	Wilt control in Chickpea	1	2	OFF	1-2.11.20	5	-	-	-	20	-	25	-	25
Total		**2**	**4**			**10**				**40**		**50**		**50**
GT		**43**	**86**			**215**				**860**		**1075**		**1075**
Horticulture														
Weed management	Weed control in Kharif Okra	1	2	ON	2-3.6.20	5	-	-	-	20	-	25	-	25
	Weed control in Rabi Onion	1	2	OFF	15-16.12.20	5	-	-	-	20	-	25	-	25
	Total	**2**	**4**			**10**				**40**		**50**		**50**
Water	Use of Sprinkler	1	2	OFF	10-11.8.20	5	-	-	-	20	-	25	-	25

Management	for better water use efficiency in vegetable cultivation													
	Use of drip for better water use efficiency in Mango Orchard	1	2	OFF	9-10.10.20	5	-	-	-	20	-	25	-	25
	Total	**2**	**4**			**10**				**40**		**50**		**50**
Nursery raising	Preparation of raised bed nursery for early Cauliflower & Tomato	1	2	OFF	6-7.8.20	5	-	-	-	20	-	25	-	25
	Preparation of raised bed nursery for late Onion	1	2	OFF	30-31.10. 20	5	-	-	-	20	-	25	-	25
	Healthy seedling raising of early Cauliflower & Tomato	1	2	OFF	13-14.8.20	5	-	-	-	20	-	25	-	25
	Healthy Seedling raising of early cabbage	1	2	ON	20-21.9.20	5	-	-	-	20	-	25	-	25
	Healthy Seedling raising of Rabi Onion	1	2	OFF	4-5.11.20	5	-	-	-	20	-	25	-	25
Total		**5**	**10**			**25**				**100**		**125**		**125**
Vegetable Cultivation	Scientific cultivation of early Kharif Tomato	1	2	OFF	30-31.7.20	5	-	-	-	20	-	25	-	25
	Scientific cultivation of early Cauliflower	1	2	ON	16-17.8.20	5	-	-	-	20	-	25	-	25
	Scientific cultivation of early pointed gourd	1	2	OFF	11-12.9.20	5	-	-	-	20	-	25	-	25
	Scientific package of Vegetable Pea	1	2	ON	18-19.9.20	5	-	-	-	20	-	25	-	25
	Scientific cultivation of early Potato	1	2	OFF	20-21.9.20	5	-	-	-	20	-	25	-	25
	Scientific cultivation of early summer Okra		2	OFF	27-28.12.20	5	-	-	-	20	-	25	-	25
	Scientific cultivation of early summer bottle gourd	1	2	OFF	15-16.5.20	5	-	-	-	20	-	25	-	25

Total		**7**	**14**			**35**				**140**		**175**		**175**
Others Vegetable cultivation	Scientific cultivation of hybrid Tomato	1	2	OFF	9-10.10.20	5	-	-	-	20	-	25	-	25
	Scientific cultivation of Cabbage	1	2	ON	10-11.10. 20	5	-	-	-	20	-	25	-	25
	Scientific cultivation of beetroot	1	2	OFF	20-21.11. 20	5	-	-	-	20	-	25	-	25
Total		**3**	**6**			**15**				**60**		**75**		**75**
INM	Foliar spray of water soluble fertilizer to reduce plant stress	1	2	OFF	19-20.8. 20	5	-	-	-	20	-	25	-	25
	Nutrient management in Cowpea	1	2	OFF	24-25.8.20	5	-	-	-	20	-	25	-	25
	Nutrient management in Mango orchard after harvest	1	2	ON	26-27-8, 20	5	-	-	-	20	-	25	-	25
	Foliar spray of water soluble fertilizer to reduce plant stress	1	2	OFF	04-05.09. 20	5	-	-	-	20	-	25	-	25
	Nutrient management in Rabi Onion & Summer bitter gourd	1	2	OFF	14-15.11.20	5	-	-	-	20	-	25	-	25
	Foliar spray of water soluble fertilizer to reduce plant stress	1	2	OFF	3-4.1.21	5	-	-	-	20	-	25	-	25
Total		**6**	**12**			**30**				**120**		**150**		**150**
Fruit														
Cultivation of Fruits	Scientific high density plantation technique in Mango	1	2	ON	19-20.7.20	5	-	-	-	20	-	25	-	25
	Scientific cultivation of Guava	1	2	OFF	22-23.07. 20	5	-	-	-	20	-	25	-	25
Total		**2**	**4**			**10**				**40**		**50**		**50**
Layout & management of Orchard	Scientific Establishment of new Mango Orchard	1	2	OFF	4-5.8.20	5	-	-	-	20	-	25	-	25
	Scientific Establishment of new Guava	1	2	OFF	6-7.8.20	5	-	-	-	20	-	25	-	25

	Orchard													
Total		**2**	**4**			**10**				**40**		**50**		**50**
Plantation Crop Production & Management technology	Pre Flowering management in Mango Orchard	1	2	ON	4-5.12.20	5	-	-	-	20	-	25	-	25
	Control of fruit drop in Mango	1	2	OFF	9-10.1.21	5	-	-	-	20	-	25	-	25
Total		**2**	**4**			**10**				**40**		**50**		**50**
IPM	Control of Mango Milibug in Mango Orchard	1	2	ON	29-30.7.20	5	-	-	-	20	-	25	-	25
	Control of Shoot & Fruit Borer in Brinjal	1	2	OFF	7-8.2.21	5	-	-	-	20	-	25	-	25
	Control of Mango hopper in Mango	1	2	OFF	14-15.1.21	5	-	-	-	20	-	25	-	25
	Control of Stem borer in Mango Orchard	1	2	OFF	9-10.3.21	5	-	-	-	20	-	25	-	25
Total		**4**	**8**			**20**				**80**		**100**		**100**
IDM	Control of YMV in Summer Okra	1	2	OFF	23-24.7.20	5	-	-	-	20	-	25	-	25
	Control of late blight in Potato	1	2	OFF	10-11.12.20	5	-	-	-	20	-	25	-	25
	Control of leaf cut in Tomato	1	2	OFF	14-15.12.20	5	-	-	-	20	-	25	-	25
	Control of powdery wilder in Mango	1	2	ON	18-19.1.21	5	-	-	-	20	-	25	-	25
Total		**4**	**8**			**20**				**80**		**100**		**100**
Medicinal & Aromatic Plants	Scientific cultivation of Japanese Mint	1	2	OFF	20-21.1.21	5	-	-	-	20	-	25	-	25
Total		**1**	**2**			**5**				**20**		**25**		**25**
Micro nutrient deficiency	Application of Boron in main season Cauliflower	1	2	ON	21-22.10.20	5	-	-	-	20	-	25	-	25
	Boron & Sulphur management in Rabi Onion	1	2	OFF	29-30.12.20	5	-	-	-	20	-	25	-	25
Total		**2**	**4**			**10**				**40**		**50**		**50**
Post-harvest technology & Value addition	Grading & packaging of Rabi Onion	1	2	OFF	10-11.5.19	5	-	-	-	20	-	25	-	25
	Distillation & Storage techniques in Japanese Mint	1	2	OFF	20-21.6.19	5	-	-	-	20	-	25	-	25
	Grading &	1	2	OFF	27-28.2.20	5	-	-	-	20	-	25	-	25

	packaging of Potato													
Total		**3**	**6**			**15**				**60**		**75**	**-**	**75**
GT		**44**	**88**			**220**				**880**		**1100**		**1100**
Plant Protection IPM	Integrated Pest Management in Okra	1	2	ON	20 - 21.7.20	5	-	-	-	20	-	25	-	25
	Identification of Beneficial & Harmful insect	1	2	ON	27-28.7.20	5	-	-	-	20	-	25	-	25
	Insect & Pest management in Cucurbits	1	2	ON	4-5..8.20	5	-	-	-	20	-	25	-	25
	Control of Fruit Borer in vegetable	1	2	ON	11-12.8.20	5	-	-	-	20	-	25	-	25
	Top Borer Control in Maize	1	2	ON	25-26.8.20	5	-	-	-	20	-	25	-	25
	Stem borer & root borer control in Paddy	1	2	ON	29-30.8.20	5	-	-	-	20	-	25	-	25
	Control of leaf folder in Paddy	1	2	ON	19-20.9.20	5	-	-	-	20	-	25	-	25
	Insect & Pest control in Vegetable	1	2	ON	20-21.1.21	5	-	-	-	20	-	25	-	25
	Control of Cutworms in Cowpea	1	2	ON	19-20.2.21	5	-	-	-	20	-	25	-	25
	Control of YMV in Mung	1	2	ON	18-19.3.21	5	-	-	-	20	-	25	-	25
	Stem borer control in Brinjal	1	2	OFF	20-21.08. 20	5	-	-	-	20	-	25	-	25
	Control of Fruit Borer in Cucurbits	1	2	OFF	2-3.9.20	5	-	-	-	20	-	25	-	25
	Integrated pest management in Mustard	1	2	OFF	10-11-4.10.20	5	-	-	-	20	-	25	-	25
	Control of Aphids Jassid & Thrips in Mustard	1	2	OFF	10.12.20	5	-	-	-	20	-	25	-	25
	Pod borer control in Pulses	1	2	OFF	3-4.1.21	5	-	-	-	20	-	25	-	25
	Control of Termites	1	2	OFF	6-7.1.21	5	-	-	-	20	-	25	-	25
	Insect control in Okra	1	2	OFF	11-12.3.21	5	-	-	-	20	-	25	-	25
	Total	**17**	**34**			**85**				**340**		**425**		**425**
Production of Organic Inputs	Method of organic farming	1	2	ON	6-7.10.20	5	-	-	-	20	-	25	-	25
	Total	**1**		**2**		**5**				**20**		**25**		**25**

	Use & Preparation of Bio Pesticide	1	2	ON	11-12.10 .20	5	-	-	-	20	-	25	-	25
	Total	**1**		**2**		**5**				**20**		**25**		**25**
RCT	Training on DSR	1	2	ON	2-3.6.20	5	-	-	-	20	-	25	-	25
	Direct seed Rice Cultivation	1	2	OFF	7-8.6.20	5	-	-	-	20	-	25	-	25
	Wheat sowing with Zero Tillage system	1	2	OFF	15-16.10.20	5	-	-	-	20	-	25	-	25
	Sowing of Wheat Turbo Seeder	1	2	OFF	18-19.10.20	5	-	-	-	20	-	25	-	25
Total		**4**	**8**			**20**				**80**		**100**		**100**
IDM	Bacterial Leaf Blight control in Paddy	1	2	ON	22-23.7.20	5	-	-	-	20	-	25	-	25
	Sheath Blight control in Paddy	1	2	ON	30-31.8.20	5	-	-	-	20	-	25	-	25
	Anthracnose (Stem Leaf & Fruit) disease control	1	2	ON	10-11.1.21	5	-	-	-	20	-	25	-	25
	Black rot control in Pumpkin	1	2	OFF	15-16.5.20	5	-	-	-	20	-	25	-	25
	Disease management in Paddy Nursery	1	2	OFF	8-9.07.20	5	-	-	-	20	-	25	-	25
	Control of Botrytis grey mold in Lentil	1	2	OFF	8-9.2.21	5	-	-	-	20	-	25	-	25
Total		**6**	**12**			**30**				**120**		**150**		**150**
Weed management	Narrow leaf weed control in Wheat	1	2	ON	3-4.12.20	5	-	-	-	20	-	25	-	25
	Broad leaf weed control in Wheat	1	2	ON	5-6.12.20	5	-	-	-	20	-	25	-	25
	Weed control in DSR Paddy Field	1	2	OFF	1-2.8.20	5	-	-	-	20	-	25	-	25
	Weed management in ZT Field before sowing	1	2	OFF	6-7.11.20	5	-	-	-	20	-	25	-	25
	Weed control in transplanted Rice	1	2	OFF	16-17.7 .20	5	-	-	-	20	-	25	-	25
Total		**5**	**10**			**25**				**100**		**125**		**125**
INM	Use of micronutrient & Water soluble fertilizer for critical stage	1	2	ON	13-14.12.20	5	-	-	-	20	-	25	-	25
	Use of Micro Nutrients in Vegetable for	1	2	ON	22-23.12.20	5	-	-	-	20	-	25	-	25

	better production													
	INM in Paddy	1	2	OFF	6-7.8.20	5	-	-	-	20	-	25	-	25
	Nutrient management in Mustard	1	2	OFF	25-26.10.20	5	-	-	-	20	-	25	-	25
	Use of Micronutrient in Pulses for better production	1	2	OFF	14-15.11.20	5	-	-	-	20	-	25	-	25
	Use of Zn & Sulphur in Mustard	1	2	OFF	18-19.11.20	5	-	-	-	20	-	25	-	25
Total		**6**	**12**			**30**				**120**		**150**		**150**
Soil Health & Fertility management	Remedy of Alkaline Soil	1	2	ON	26-27.3.20	5	-	-	-	20	-	25	-	25
Total		**1**	**2**			**5**				**20**		**25**		**25**
Seed Production	Technology of pulses seed production	1	2	OFF	16-17.9.20	5	-	-	-	20	-	25	-	25
	Importance of Rouging for better quality seed production	1	2	OFF	22-23.11.20	5	-	-	-	20	-	25	-	25
	Importance of Rouging fo quality seed production	1	2	OFF	3-4.2.21	5	-	-	-	20	-	25	-	25
Total		**3**	**6**			**15**				**60**		**75**		**75**
Bio control of pest and disease	Use & preparation of Bio pesticide	1	2	OFF	16.6.19	5	-	-	-	20	-	25	-	25
	Use & preparation of Bio pesticide	1	2	OFF	16.12.19	5	-	-	-	20	-	25	-	25
Total		**2**	**4**			**10**				**40**		**50**		**50**
GT		**46**	**92**			**230**				**920**		**1150**		**1150**
Home Science House hold food security by kitchen gardening and nutrition gardening	Importance of nutritional garden for human health	1	2	OFF	3-4.7.20	-	5	-	-	-	20	-	25	25
	Development of Nutritional garden to improve health status of the farm family	1	2	OFF	15-16.10.20	-	5	-	-	-	20	-	25	25
	Importance of Nutritional garden for human health	1	2	OFF	16-17.1.21	-	5	-	-	-	20	-	25	25

Total		**3**	**6**			**-**	**15**	**-**	**-**	**-**	**60**	**-**	**75**	**75**
Design and development of low/minimum Cost diet	Mythology for development of low cost diet for better health	1	2	OFF	8-9.11.20	-	5	-	-	-	20	-	25	25
	Preparation of low cost balanced diet for mother & children	1	2	OFF	8-9.7.20	-	5	-	-	-	20	-	25	25
	Mythology for development of low cost diet for better health	1	2	ON	29-30.9.20	-	5	-	-	-	20	-	25	25
	Mythology for development of low cost diet for better health	1	2	ON	20-21.1.21	-	5	-	-	-	20	-	25	25
Total		**4**	**8**				**20**				**80**		**100**	**100**
Gender main streaming through SHG's	For Women employment Role of SHG	1	2	OFF	10-11.7.20	-	5	-	-	-	20	-	25	25
	Leadership development for entrepreneurship character development in rural Women	1	2	OFF	3-4.2.21	-	5	-	-	-	20	-	25	25
Total		**2**	**4**				**10**				**40**		**50**	**50**
Storage loss minimization techniques	Control of Godown insect in cereal storage	1	2	OFF	12-13.7.20	-	5	-	-	-	20	-	25	25
	Techniques of insect free Pulses Storage	1	2	OFF	10-11.6.20	-	5	-	-	-	20	-	25	25
	Different way of scientific grain storage	1	2	ON	22-23.10.20	-	5	-	-	-	20	-	25	25
	Control of Godown insect in cereal storage	1	2	ON	11-12.2.21	-	5	-	-	-	20	-	25	25
Total		**4**	**8**				**20**				**80**		**100**	**100**
Value addition	Grading parameters for better marketing opportunity in vegetable	1	2	OFF	15-16.7.20	-	5	-	-	-	20	-	25	25

	marketing													
	Preparation of different types of pickle from locally available material	1	2	OFF	13-14.10.20	-	5	-	-	-	20	-	25	25
	Tomato Preservation	1	2	OFF	14-15.2.21	-	5	-	-	-	20	-	25	25
	Guava Jelly making	1	2	ON	6-7.8.20	-	5	-	-	-	20	-	25	25
Total		**4**	**8**				**20**				**80**		**100**	**100**
Income generation activities for empowerment of rural women00	Backyard Poultry farming a good source of Income	1	2	OFF	9-10.8.20	-	5	-	-	-	20	-	25	25
	Mushroom Cultivation	1	2	OFF	5-6.11.20	-	5	-	-	-	20	-	25	25
	Mushroom Cultivation	1	2	OFF	3-4.12.20	-	5	-	-	-	20	-	25	25
Total		**3**	**6**				**15**				**60**		**75**	**75**
Location Specific drudgery reduction technology	Drudgery reduction through chemical in Paddy	1	2	OFF	20-21.8.20	-	5	-	-	-	20	-	25	25
	Drudgery reduction through Weedicide in vegetable production	1	2	OFF	19-20.11.20	-	5	-	-	-	20	-	25	25
	Drudgery reduction through Weedicide in vegetable production	1	2	OFF	18-19.2.21	-	5	-	-	-	20	-	25	25
	Drudgery reduction through chemical in Onion	1	2	OFF	17-18.12.20	-	5	-	-	-	20	-	25	25
Total		**4**	**8**				**20**				**80**		**100**	**100**
Rural Craft	Candle making	1	2	OFF	17-18.12.20	-	5	-	-	-	20	-	25	25
	Tye & Dye Batik Painting	1	2	OFF	6-7.12.20	-	5	-	-	-	20	-	25	25
	Tye & Dye Batik Painting	1	2	ON	21-22.5.20	-	5	-	-	-	20	-	25	25
	Candle making	1	2	ON	2-3.03.20	-	5	-	-	-	20	-	25	25

Total		**4**	**8**				**20**				**80**		**100**	**100**
Women & Child Care	Use of pulses & Local vegetable in child diet	1	2	OFF	20-21.9.20	-	5	-	-	-	20	-	25	25
	Supplementary nutrition when why and how	1	2	ON	28-29.8.20	-	5	-	-	-	20	-	25	25
Minimization of nutrient loss in processing	Prevention of nutritional loss during cooking process	1	2	OFF	9-10.3.21	-	5	-	-	-	20	-	25	25
	Preparation of energy efficient diet	1	2	OFF	13-14.9.20	-	5	-	-	-	20	-	25	25
Total		**4**	**8**				**20**				**80**		**100**	**100**
GT		**32**	**64**				**160**				**640**		**800**	**800**
Ag Extension Formation & Management of SHGs	How SHGs helps small & Marginal farmers	1	2	OFF	13-14.8.20	5	-	-	-	20	-	25	-	25
	How SHGs helps small & Marginal farmers	1	2	OFF	18-19.10.20	5	-	-	-	20	-	25	-	25
	How SHGs helps small & Marginal farmers	1	2	OFF	5-6.11.20	5	-	-	-	20	-	25	-	25
	How SHGs helps small & Marginal farmers	1	2	ON	3-4.1.21	5	-	-	-	20	-	25	-	25
	How SHGs helps small & Marginal farmers	1	2	ON	3-4.2.21	5	-	-	-	20	-	25	-	25
	Formation of FPOs for Seed Production	1	2	ON	16-17.08.20	5	-	-	-	20	-	25	-	25
	Formation of FPOs for Seed Production	1	2	ON	16-16.10.20	5	-	-	-	20	-	25	-	25
	Formation of FPOs for Seed Production	1	2	OFF	8-9.1.21	5	-	-	-	20	-	25	-	25
Total		**8**	**16**			**40**				**160**		**200**		**200**
Capacity Building	Awareness about different subsidies schemes of GOB	1	2	OFF	13-14.11.20	5	-	-	-	20	-	25	-	25
	Awareness about different subsidies schemes of GOB	1	2	OFF	2-3.12.20	5	-	-	-	20	-	25	-	25
	Awareness about	1	2	OFF	15-16.1.21	5	-	-	-	20	-	25	-	25

	different subsidies schemes of GOB													
	Capacity building among farmers for seed production	1	2	ON	6-7.12.20	5	-	-	-	20	-	25	-	25
	Capacity building among farmers for seed production	1	2	ON	10-11.2.20	5	-	-	-	20	-	25	-	25
Total		**5**	**10**			**25**				**100**		**125**		**125**
Group Dynamics	Role of farm Mechanization in DFI	1	2	OFF	9-10.12.20	5	-	-	-	20	-	25	-	25
	Role of farm Mechanization in DFI	1	2	OFF	13-14.12.20	5	-	-	-	20	-	25	-	25
	Role of farm Mechanization in DFI	1	2	OFF	20.21-1.21	5	-	-	-	20	-	25	-	25
	Role of farm Mechanization in DFI	1	2	OFF	14-15.2.21	5	-	-	-	20	-	25	-	25
	Importance and need of farmers field School	1	2	OFF	12-13.8.20	5	-	-	-	20	-	25	-	25
	Importance and need of farmers field School	1	2	ON	6-7.8.20	5	-	-	-	20	-	25	-	25
	Importance and need of farmers field School	1	2	ON	17-18.9.20	5	-	-	-	20	-	25	-	25
	Importance and need of farmers field School	1	2	ON	6-7.10.20	5	-	-	-	20	-	25	-	25
	Method & Importance of Soil testing for Enhancing farm Income	1	2	ON	10-11-10 .20	5	-	-	-	20	-	25	-	25
	Method & Importance of Soil testing for Enhancing farm Income	1	2	ON	15-16.11. 20	5	-	-	-	20	-	25	-	25
	Method & Importance of Soil testing for Enhancing farm Income	1	2	OFF	7-8.12.20	5	-	-	-	20	-	25	-	25
	Method & Importance of	1	2	OFF	14-15.12 .20	5	-	-	-	20	-	25	-	25

	Soil testing for Enhancing farm Income													
	Role of Green Mannuring for better crop production	1	2	OFF	10-11. 1. 21	5	-	-	-	20	-	25	-	25
	Role of Green Mannuring for better crop production	1	2	OFF	13-14.1 .21	5	-	-	-	20	-	25	-	25
	Role of Green Mannuring for better crop production	1	2	ON	7-8.02.21	5	-	-	-	20	-	25	-	25
	Role of Green Mannuring for better crop production	1	2	ON	10-11. 02 .21	5	-	-	-	20	-	25	-	25
Total		**16**	**32**			**80**				**320**		**400**		**400**
Recourse Conservation technique	Direct Seeding of Wheat with ZT from minimizing moisture loss	1	2	ON	2-3.9.20	5	-	-	-	20	-	25	-	25
	Direct Seeding of Wheat with ZT from minimizing moisture loss	1	2	ON	6-7.9.20	5	-	-	-	20	-	25	-	25
	Direct Seeding of Wheat with ZT from minimizing moisture loss	1	2	OFF	12-13.9.20	5	-	-	-	20	-	25	-	25
	Direct Seeding of Wheat with ZT from minimizing moisture loss	1	2	OFF	16-17.9.20	5	-	-	-	20	-	25	-	25
Total		**4**	**8**			**20**				**80**		**100**		**100**
Production of Organic Inputs	Use of Waste Decomposer for Recycling of Agricultural waste to control the boring of crop residue	1	2	OFF	17-18.8.20	5	-	-	-	20	-	25	-	25
	Use of Waste Decomposer for Recycling of Agricultural waste to control the boring of crop residue	1	2	OFF	19-20.8.20	5	-	-	-	20	-	25	-	25
	Use of Waste	1	2	ON	10-11.3.21	5	-	-	-	20	-	25	-	25

	Decomposer for Recycling of Agricultural waste to control the boring of crop residue													
	Use of Waste Decomposer for Recycling of Agricultural waste to control the boring of crop residue	1	2	ON	17-18.3.21	5	-	-	-	20	-	25	-	25
Total		**4**	**8**			**20**				**80**		**100**		**100**
Soil & Water Testing	Techniques of Soil Sampling	1	2	OFF	2-3.5.20	5	-	-	-	20	-	25	-	25
	Techniques of Soil Sampling	1	2	OFF	8-9.5.20	5	-	-	-	20	-	25	-	25
	Techniques of Soil Sampling	1	2	OFF	12-13.5.20	5	-	-	-	20	-	25	-	25
Total		**3**	**6**			**15**				**60**		**75**		**75**
GT		**41**	**82**			**205**				**820**		**1025**		**1025**

(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	26-30.8.20	5	-	-	-	20	-	25	-	25
	Seed production of Chickpea	1	5	ON	16-20.12.20	5	-	-	-	20	-	25	-	25
	Seed production of Lentil	1	5	ON	23-27.12.20	5	-	-	-	20	-	25	-	25
	Seed production of Wheat	1	5	OFF	7-11.1.21	5	-	-	-	20	-	25	-	25
	Seed Production of Wheat	1	5	OFF	14-18.1.21	5	-	-	-	20	-	25	-	25
	Seed Production of Lentil	1	5	OFF	11-16.2.21	5	-	-	-	20	-	25	-	25
	Total	**6**	**30**			**30**				**120**		**150**		**150**
Horticulture Protected cultivation of vegetables	Scientific hybrid Tomato cultivation	1	5	ON	4-8.7.20	5				20		25		25
	Scientific cultivation of vegetable Pea	1	5	OFF	1-5.7. 20	5				20		25		25
	Total	**2**	**10**			**10**				**40**		**50**		**50**

Commercial Fruit Cultivation	High density cultivation technology in Mango	2	5	ON	6-10.8.20 & 17-21.8.20	5 + 5				20 20		25 +25		25 + 25
	High density cultivation technology in Guava	1	5	OFF	3-7.8.20	5				20		25		25
	Total	**3**	**15**			**15**				**60**		**75**		**75**
Integrated Farming	Scientific cultivation of Marigold	1	5	ON	16-20.10.20	5				20		25		25
	Total	**6**	**30**			**30**				**120**		**150**		**150**
Home Science Income generation activities for employment of rural women	Mushroom cultivation	1	5	ON	26-30.11.20	-	5	-	-	-	20	-	25	25
	Mushroom cultivation	1	5	OFF	2-6.9.20	-	5	-	-	-	20	-	25	25
Small scale processing	Preparation of Potato Chips Badi & Papad	1	5	OFF	23-27.8.20	-	5	-	-	-	20	-	25	25
Value Addition	Tomato Preservation	1	5	OFF	20-24.12.20	-	5	-	-	-	20	-	25	25
Tailoring & Stitching	Advance course	1	10	OFF	23-1.2.21	-	5	-	-	-	20	-	25	25
		5	**30**				**25**				**100**		**125**	**125**
Plant Protection Beekeeping	Commercial Beekeeping for RY	1	30	ON	20.10..20	5	-	-	-	20	-	25	-	25
Integrated Fish Farming	Composite Fish Production	1	5	ON	06.08.20	5	-	-	-	20	-	25	-	25
Quail farming	Rural Enterprises for youth Quail farming	1	5	ON	24-28.8.20	5	-	-	-	20	-	25	-	25
Integrated Farming	Integrated Farming	1	5	ON	04.10.20	5	-	-	-	20	-	25	-	25
Protected cultivation of vegetables	Use of Poly house Net house & 10 w tunnel for better vegetable production	1	5	ON	25.11.20	5	-	-	-	20	-	25	-	25
Production of Organic Inputs	Production technology of organic manure	1	5	ON	18-23.12.20	5	-	-	-	20	-	25	-	25
	Total	**6**	**55**			**30**				**120**		**150**		**150**
Ag. Extension Enterprises	Entrepreneurship Development	1	5	ON	26-30.8.20	5	-	-	-	20	-	25	-	25

development Capacity Building	through Vermi composting													
	Entrepreneurship Development through Vermi composting	1	5	ON	24-28.9.20	5	-	-	-	20	-	25	-	25
	Entrepreneurship Development through Vermi composting	1	5	OFF	22-26.10.20	5	-	-	-	20	-	25	-	25
	Total	**3**	**15**			**15**				**60**		**75**		**75**
Post-Harvest Technology	Formation of FPO for quality Seed Production	1	5	OFF	26-30.11.20	5	-	-	-	20	-	25	-	25
	Formation of FPO for quality Seed Production	1	5	OFF	17-21.12.20	5	-	-	-	20	-	25	-	25
	Formation of FPO for quality Seed Production	1	5	ON	20-24.1.21	5	-	-	-	20	-	25	-	25
	Total	**3**	**15**			**15**				**60**		**75**		**75**
		29	**145**			**120**	**25**	**145**		**480**	**100**	**600**	**125**	**725**

(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	2	ON	25-26.11.20	5	-	-	-	20	-	25	-	25
	Constraints of Pulses production	1	2	ON	26-27.11.20	5	-	-	-	20	-	25	-	25
	Seed production of pulses	1	2	ON	04-05.12.20	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	14-15.10.20	5	-	-	-	20	-	25	-	25

	Fertilizer in Rabi Crops													
Formation & Management of SHGs	Formation & Management of SHGs	1	2	ON	16-17.12.20	5	-	-	-	20	-	25	-	25
Group Dynamics and farmers organization	Group Dynamics and farmers organization	1	2	OFF	26.30.10.20	5	-	-	-	20	-	25	-	25
Protected cultivation Technique	Advantage & technique of drip irrigation system in Mango Orchard	1	2	ON	07-08.07.20	5	-	-	-	20	-	25	-	25
	Advantage & Technique of Poly mulch in Vegetable cultivation	1	2	ON	24-25.2.21	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	**22**	**44**			**95**	**15**	**110**		**380**	**60**	**475**	**75**	**550**

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	5	100	-	100	25	-	25	-	-	-	125	-	125
Resource Conservation Technologies													
Cropping Systems	3	60		60	15		15				75		75
Crop Diversification	6	120		120	30		30				150		150
Integrated Farming													
Water management													
Seed production	13	260	-	260	65	-	65	-	-	-	325	-	325
Nursery management	2	40		40	10		10				50		50
Integrated Crop Management													
Fodder production													
Production of organic inputs	4	60	-	60	20	-	20	-	-	-	80	-	80
Others, (cultivation of crops)													
Production & use of organic inputs	2	40		40	10		10				50		50
Micronutrient deficiency	2	40		40	10		10				50		50
Seed Treatment	4	60	-	60	20	-	20	-	-	-	80	-	80
IDM	2	40		40	10		10				50		50
TOTAL	**43**	**860**		**860**	**215**		**215**				**1075**		**1075**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	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
Water management	2	40		40	10		10				50		50
Enterprise development													
Skill development													
Yield increment	7	140		140	35		35				175	-	175
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising	5	100	-	100	25	-	25	-	-	-	125	-	125
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	3	60	-	60	15	-	15	-	-	-	75	-	75
Weed management	2	40		40	10		10				50		50
INM	6	120		120	30		30				150		150
TOTAL	25	500		500	125		125				625		625
b) Fruits													
Training and Pruning													
Layout and Management of Orchards	2	40	-	40	10	-	10	-	-	-	50	-	50
Cultivation of Fruit	2	40	-	40	10	-	10	-	-	-	50	-	50
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others ,if any INM	2	40	-	40	10	-	10	-	-	-	50	-	50
IDM	4	80	-	80	20	-	20	-	-	-	100	-	100
IPM	4	80	-	80	20	-	20	-	-	-	100	-	100
TOTAL	14	280		280	70		70				350		350
c) Ornamental Plants													
Nursery Management													

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
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	2	40	-	40	10	-	10	-	-	-	50	-	50
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	3	60	-	60	15	-	15	-	-	-	75	-	75
Others, if any													
TOTAL	**44**	**880**		**880**	**220**		**220**				**1100**		**1100**
III. Soil Health and Fertility Management													
Soil fertility management	1	20		20	5		5				25		25
Soil and Water Conservation													
Integrated Nutrient Management	6	120	-	120	30	-	30	-	-	-	150	-	150
Production and use of organic inputs	4	80	-	80	20	-	20	-	-	-	100	-	10

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
													0
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing	4	80	-	80	20	-	20	-	-	-	100	-	100
Others, if any													
TOTAL	**15**	**300**		**300**	**75**		**75**				**375**		**375**
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 nutrient efficiency diet													
Minimization of nutrient loss in processing													
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	4	-	80	80	-	20	20	-	-	-	-	100	100

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
technologies													
Rural Crafts	4	-	80	80	-	20	20	-	-	-	-	100	100
Capacity building													
Women and child care	4	-	80	80	-	20	20	-	-	-	-	100	100
Others, if any													
TOTAL	**32**		**640**	**640**		**160**	**160**				-	**800**	**800**
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													
VII. Plant Protection													
Integrated Pest Management	17	340	-	340	85	-	85	-	-	-	425	-	425
Integrated Disease Management	6	120	-	120	30	-	30	-	-		150	-	150
Bio-control of pests and diseases	3	60	-	60	15	-	15	-	-	-	75	-	75
Production of bio control agents and bio pesticides	1	20		20	5		5				25		25
Others, if any Weed Management	5	100		100	25		25				125		125
RCT	4	80	-	80	20	-	20	-	-	-	100	-	100
Seed Production of Pulses	3	60	-	60	15	-	15	-	-	-	75	-	75
TOTAL	**39**	**780**		**780**	**195**		**195**				**975**		**975**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													

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
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													
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	5	100		100	25		25				125		125
Group dynamics	16	320	-	320	80	-	80	-	-	-	400	-	400
Formation and Management of SHGs	8	160	-	160	40	-	40	-	-	-	200	-	20

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
													0
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any RCT	4	80		80	20		20	-	-	-	100		100
TOTAL	**33**	**660**		**660**	**165**		**165**				**825**		**825**
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL	206	3480	640	4120	870	160	1030	-	-	-	4350	800	5150

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	1	20	-	20	5	-	5	-	-	-	25	-	25
Integrated farming	2	40	-	40	10	-	10	-	-	-	50	-	50
Seed production	6	120	-	120	30	-	30	-	-	-	150	-	150
Production of organic inputs													
Planting material production													
Vermi-culture	1	20	-	20	5	-	5	-	-	-	25	-	25
Sericulture													
Protected cultivation of vegetable crops	3	60	-	30	15	-	15	-	-	-	75	-	75
Commercial fruit production	3	60		60	15		15				75		75
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning 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
Value addition	1	-	20	20	-	5	5	-	-	-	-	25	25
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming	1	20	-	20	5	-	5	-	-	-	25	-	25
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	1	20	-	20	5	-	5	-	-	-	25	-	25
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing	1	-	20	20	-	5	5	-	-	-	-	25	25
Post Harvest Technology													
Tailoring and Stitching	1	-	20	20	-	5	5	-	-	-	-	25	25
Rural Crafts													
Enterprise development	6	120	-	120	30	-	30	-	-	-	150	-	150
Others if any (ICT application in agriculture)													
TOTAL	**29**	**480**	**100**	**580**	**120**	**25**	**145**				**600**	**125**	**725**

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	4	80	-	80	20	-	20	-	-	-	100	-	100
Integrated Pest Management	3	60	-	60	15	-	15	-	-	-	75	-	75
Integrated Nutrient management	2	40	-	40	10	-	10	-	-	-	50	-	50
Rejuvenation of old orchards	2	40	-	40	10	-	10	-	-	-	50	-	50
Value addition													

Protected cultivation technology	2	40	-	40	10	-	10	-	-	-	50	-	50
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	1	-	20	20	-	5	5	-	-	-	-	25	25
Low cost and nutrient efficient diet designing	1	-	20	20	-	5	5	-	-	-	-	25	25
Production and use of organic inputs	1	20	-	20	5	-	5	-	-	-	25	-	25
Gender mainstreaming through SHGs	1	-	20	20	-	5	5	-	-	-	-	25	25
Crop intensification	2	40	-	40	10	-	10	-	-	-	50	-	50
Others if any Aromatic crop Japanese mint Production	1	20	-	20	5	-	5	-	-	-	25	-	25
TOTAL	**22**	**380**	**60**	**440**	**95**	**15**	**110**	**-**	**-**	**-**	**475**	**75**	**550**
TOTAL A+ B +C257	**257**	**4340**	**800**	**5140**	**1085**	**200**	**1285**	**-**	**-**	**-**	**5425**	**1000**	**6425**

4. Frontline demonstration to be conducted*

Crop: Paddy
Thrust Area: Fine Rice Production
Thematic Area: Crop Production
Season: Kharif
Farming Situation: Irrigated

Crop: Paddy
Thrust Area: Quality Rice Production
Thematic Area: Integrated Nutrient Management
Season: Kharif -2020

Farming Situation: Irrigated

Crop: Wheat
Thrust Area: Income Generation through HYV
Thematic Area: Crop Production
Season: Rabi 2020-21
Farming Situation: Irrigated

Crop: Wheat
Thrust Area: Stress Tolerance
Thematic Area: Weed Control
Season: Rabi 2020-21
Farming Situation: Irrigated

Crop: Gram
Thrust Area: Better Water Management
Thematic Area: Weed Control
Season: Rabi 2020-21
Farming Situation: Rain fed

Crop: Mustard
Thrust Area: Quality Improvement
Thematic Area: IPM
Season: Rabi 2020-21
Farming Situation: Irrigated

Crop: Okra
Thrust Area: High Value Crop
Thematic Area: Weed Control
Season: Rabi 2020-21
Farming Situation: Irrigated

Crop: Lentil
Thrust Area: Quality grain production
Thematic Area: INM
Season: Rabi 2020-21
Farming Situation: Rain fed

Crop: Onion
Thrust Area: Stress Management
Thematic Area: Weed control
Season: Rabi 2020-21
Farming Situation: Irrigation

Sl. No.	Crop	Thrust Area	Thematic Area	Season	Farming Situation
1	Paddy	Fine Rice Production	Crop Production	Kharif 2020	Irrigated
2	Paddy	Quality Rice Production	Integrated Nutrient Management	Kharif 2020	Irrigated
3	Wheat	Income Generation through HYV	Crop Production	Rabi 2020	Irrigated

4	Wheat	Stress Tolerance	Weed Control	Rabi 2020	Irrigated
5	Gram	Better Water Management	Weed Control	Rabi 2020	Rain fed
6	Mustard	Quality Improvement	IPM	Rabi 2020	Irrigated
7	Okra	High Value Crop	Weed Control	Rabi 2020	Irrigated
8	Lentil	Quality Production	INM	Rabi 2020	Rain fed
9	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 R. Sweta	5.00	Seed	Tiller &Yield	Seed	6750	4550	2	-	-	-	8	-	10	-	10
2	Paddy	10.00	Foliar Spray	Tiller &Yield	Zinc Foliar	2000	-	4	-	-	-	21	-	25	-	25
3	Wheat HD-2967	5.00	Seed	Tiller &Yield	Seed	21000	15600	3	-	-	-	7	-	10	-	10
4	Wheat	5.00	Weed Control	Percentage of Weed & Yield	Weedicide	6900	7500	3	-	-	-	7	-	10	-	10
5	Lentil	5.00	Foliar Spray	Yield & Test wt.	Boron	1625	-	3	-	-	-	7	-	10	-	10
6	Gram	5.00	Weed control	Weed control	Weedicide	6800	7500	4	-	-	-	6	-	10	-	10
7	Mustard	5.00	Aphid control	Aphid population	Insecticide	6200	3000	5	-	-	-	10	-	15	-	15
8	Okra	5.00	Weed control	Weed control & yield	Weedicide	6800	7500	5	-	-	-	10	-	15	-	15
9	Onion	5.00	Weed control	Weed control & yield	Weedicide	6900	8600	5	-	-	-	10	-	15	-	15
	Total	50.00				64975	54250	34				86		120		120

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	R. Sweta (Seed)Training	2	PF	2+2=4 days	OFF	6	-	-	-	30	-	36	-	36
	Field day	1	PF	1	OFF	8	-	-	-	35	-	43	-	43
Paddy	Foliar spray Zinc (Training)	2	PF	2+2=4	OFF	5	-	-	-	30	-	35	-	35
	Field Day	1	PF	1	OFF	6	-	-	-	34	-	40	-	40
Wheat	Seed treatment (HD-2967)	2	PF	2+2=4	OFF	6	-	-	-	30	-	36	-	36
	Field Day	1	PF	1	OFF	8	-	-	-	30	-	38	-	38
Wheat	Weed control (Training)	2	PF	2+2=4	OFF	6	-	-	-	30	-	36	-	36
	Field Day	1	PF	1	OFF	6	-	-	-	30	-	36	-	36
Lentil	Foliar spray Boron	2	PF	2+2=4	OFF	6	-	-	-	30	-	36	-	36
	Field Day	1	PF	1	OFF	6	-	-	-	35	-	41	-	41
Gram	Weed control	2	PF	2+2=4	OFF	5	-	-	-	30	-	35	-	35
Mustard	Weed control (Training)	2	PF	2+2=4	OFF	6	-	-	-	30	-	36	-	36
	Field Day	1	PF	1	OFF	7	-	-	-	35	-	42	-	42
Okra	Weed control (Training)	2	PF	2+2=4	OFF	6	-	-	-	30	-	36	-	36
	Field Day	1	PF	1	OFF	7	-	-	-	35	-	42	-	42
Onion	Weed control (Training)	2	PF	2+2=4	OFF	6	-	-	-	25	-	31	-	31
	Field Day	1	PF	1	OFF	6	-	-	-	30	-	36	-	36

* 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	MTU-7029	June-Nov	2.5	F/S & C/S	100.00	100000.00	210000.00	
	R. Sweta	June-Nov	4.5	F/S & C/S	160.00	180000.00	318000.00	
	R. Kasturi	June-Nov	0.5	F/S & C/S	10.00	20000.00	28000.00	
Total			7.5		270.00	300000.00	556000.00	256000.00
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	Male	Female	Total	Male	Female	Total

						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 resource persons	20										
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 2020-2021 (As on 01.04.2019)	Amount proposed to be invested during 2020-2021	Expected Return
	9.00 lakh	12.00 lakh

8. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)
Assessment of New Technology	**ATMA**	**1.00**

9. On-farm trials to be conducted*

PBG -1

i. **Season:** Kharif
ii. **Title of the OFT:** To assess the suitable verities of Paddy under low land condition of South Bihar
iii. **Thematic Area:** Crop Production
iv. **Problem diagnosed:** Paddy verities MTU-7029 is grown in major part of canal irrigation area in Bhojpur. This result is delay in Rabi sowing and leads to drastic reduction in Wheat and Pulses productivity with all dust management practice.
v. **Important Cause:** Existing variety are suitable to weather lodging
vi. **Production system:** Rice Wheat Cropping System
vii. **Micro farming system:** Irrigated
viii. **Technology for Testing:**
ix. **Existing Practice:** Cultivation of MTU-7029
x. **Hypothesis:** Low yield of MTU-7029 due to high susceptibility and infestation of disease.
xi. **Objective(s):**
xii. **Treatments:**
Farmers Practice (FP): Cultivation of MTU-7029
Technology option-I (TO-I): Sabour Shree
Technology option-II (TO-II): MTU Sub-1
xiii. **Critical Inputs:** Seed
xiv. **Unit Size:** 4048 m^2
xv. **No of Replications:** 7
xvi. **Unit Cost:** 400.00
xvii. **Total Cost:** 2800.00
xviii. **Monitoring Indicator:** Effective tillers/m^2 , no. of Grain/Panicle, grain weight and test weight

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

PBG -2

i. **Season:** Rabi
ii. **Title of the OFT:** Assessment of Wheat cultivars for late sowing condition
iii. **Thematic Area:** Crop Production
iv. **Problem diagnosed:** Wheat is a major cereal crop during Rabi season having cultivable area about 105000 ha. Out of total Wheat area, 60 % area comes under late sown condition i.e. mid to late December because of long duration Paddy MTU-7029 use of Improper/Unsuitable verities of Wheat under late sown condition leads to poor yield
v. **Important Cause:** Poor grain setting
vi. **Production system:** Rice Wheat System
vii. **Micro farming system:** Irrigated
viii. **Technology for Testing:** New Cultivars testing
ix. **Existing Practice:** HUW-234
x. **Hypothesis:** Farmers not using suitable variety low yield is realized.
xi. **Objective(s):** Replacement of old variety with improved one
xii. **Treatments:**
Farmers Practice (FP): HUW-234
Technology option-I (TO-I): HI-1563
Technology option-II (TO-II): Sabour Shrestha
xiii. **Critical Inputs:** Seed
xiv. **Unit Size:** 4048 m^2
xv. **No of Replications:** 7
xvi. **Unit Cost:** 1900.00
xvii. **Total Cost:** 13300.00
xviii. **Monitoring Indicator:** Days to 50% flowering effective tillers/m^2 test weight and grain weight
xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** BAU, Sabour, Bhagalpur

Ag. Extension -1

i. **Season:** Kharif
ii. **Title of the OFT:** Assessment of performance of selected SHG's engaged in income generation activities
iii. **Thematic Area:** Gender mainstreaming through SHG's
iv. **Problem diagnosed:** SHG's performance in critical and there is need to differentiate the SHG's bank on these income generating activities
v. **Important Cause:** All SHGs are not Viable and after certain period group defragments
vi. **Production system:** Gender mainstreaming through SHG's
vii. **Micro farming system:** Irrigated condition
viii. **Technology for Testing:** 1. Personal interview & their reaction .2. Open ended questionnaire process
ix. **Existing Practice:**
x. **Hypothesis:** Lack of knowledge to use the corpus is detrimental for the growth of the SHGs
xi. **Objective(s):**To assess the viability of group having better entrepreneurship .
xii. **Treatments:**
Farmers Practice (FP): SHG
Technology option-I (TO-I): SHG's with credit flow only
Technology option-II (TO-II): SHG's Mushroom production
Technology option-II (TO-II): SHG's Vegetable production
Technology option-II (TO-II): SHG's Milk production
xiii. **Critical Inputs:**

xiv. **Unit Size:**
xv. **No of Replications: 9**
xvi. **Unit Cost:** 700.00
xvii. **Total Cost:** 6300.00
xviii. **Monitoring Indicator:** Social Empowerment, Economic Empowerment, Political Empowerment

Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify): MANAGE, Hyderabad

Ag. Extension -2

i. **Season:** Rabi
ii. **Title of the OFT:** Assure the information source credibility and perceived constraints
iii. **Thematic Area:** Capacity building
iv. **Problem diagnosed:** Farmers are taking information from various resource but we are providing information to only few resource rich farmers. There is technical information gap.
v. **Important Cause:** Poor mob ability of farmers and poor market support.
vi. **Production system:** Gender mainstreaming through SHG's
vii. **Micro farming system:** Irrigated
viii. **Technology for Testing:** 1. Personal interview & their reaction .2. Open evaded questionnaire process
ix. **Existing Practice:**
x. **Hypothesis:** Assessment of gap may provide an idea to coup up there problem with better solution.
xi. **Objective(s):** Assessment of better information source from farmers prospective.
xii. **Treatments:**
Farmers Practice (FP):
Technology option-I (TO-I): Male Farmers
Technology option-II (TO-II): Female farmers
xiii. **Critical Inputs:** Questionnaire
xiv. **Unit Size:**
xv. **No of Replications: 30**
xix. **Unit Cost:** 500.00
xvi. **Total Cost: 7500**
xvii. **Monitoring Indicator:** Information source, Information source credibility, Perceived construe in gating information

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

Home Science -1

i. **Season:** Rabi
ii. **Title of the OFT:** Assessment of Self life of Tomato through Purée.
iii. **Thematic Area:** Value addition
iv. **Problem diagnosed:** Post harvest preservation may increase the life of Tomato for off season can yield better return.
v. **Important Cause:** Lack of knowledge for proper preservation
vi. **Production system:** Maize - Tomato
vii. **Micro farming system:** Irrigated
viii. **Technology for Testing:** Preservative to improve the self life
ix. **Existing Practice:** No post harvest storage and processing.
x. **Hypothesis:** Tomato is the major vegetable crop of Bhojpur having an area of 400 ha. During pick season the price crash results in heavy loss to farmers due to poor market price.
xi. **Objective(s):** To improve the Economic of Tomato grower.
xii. **Treatments:**

Farmers Practice (FP): Farmers practice (No. processing of surplus produce)
Technology option-I (TO-I): Use of Vinegar @150ml/kg of Tomato
Technology option-II (TO-II): Use of Sodium Benzoate @ 1 gram +Glacial acetic acid @ 5ml/kg of Tomato

xiii. **Critical Inputs:** Vinegar, Glacial acetic acid & Sodium Benzoate
xiv. **Unit Size:** 10 Kg
xv. **No of Replications:** 14
xvi. **Unit Cost:** 475.00
xvii. **Total Cost:** 6650.00
xviii. **Monitoring Indicator:** Tech. observation –Day of fungal initiation & bad odor,
Economic Indicator – Net return & BC ration
Farmers Feedback – Overall keeping quality.

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

Home Science -2

i. **Season:** Rabi
ii. **Title of the OFT:** Assessment of Brine solution for Green Pea preservation and Income generation.
iii. **Thematic Area:** Value addition
iv. **Problem diagnosed:** Post harvest preservation may increase the life of green Pea off season marketing. It may result in better return.
v. **Important Cause:** Lack of knowledge for proper preservation
vi. **Production system:** Fallow-Pea-Wheat
vii. **Micro farming system:** Irrigated
viii. **Technology for Testing:** Preservative to improve the self life
ix. **Existing Practice:** No post-harvest storage and processing and only used as green vegetable.
x. **Hypothesis:** Green Pea is the major vegetable crop of Bhojpur having an area of 1200 ha. During pick season the price crash result in heavy loss to farmers due to poor market price
xi. **Objective(s):**
xii. **Treatments:**

Farmers Practice (FP): No processing of Surplus Green Pea produced for off season.
Technology option-I (TO-I): Grading washing blanching for 3-5 minutes followed by keeping in brine solution common salt @ 30 gram + 8 ml Acetic Acid/ Boiled water per kg Green Pea

Technology option-II (TO-II): Grading washing blanching for 3-5 minutes followed by keeping in brine solution common salt @30 gram + 8 ml Acetic Acid + Sodium Benzoate @ 1gram boiled water per kg Green Pea

xiii. **Critical Inputs:** Vinegar, Glacial acetic acid & Sodium Benzoate
xiv. **Unit Size:** 10 Kg
xv. **No of Replications:** 14
xvi. **Unit Cost:** 500.00
xvii. **Total Cost:** 7000.00
xix. **Monitoring Indicator:** Tech. observation –Day of fungal initiation & bad odor,
Economic Indicator – Net return & BC ration
Farmers Feedback – Overall keeping quality.
xviii. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify): BAU, Ranchi**
xix.

Plant Protection -1

I. **Season:** Kharif
II. **Title of the OFT:** Evaluation of Chemical of False smut in Paddy
III. **Thematic Area:** Integrated Disease Management

IV. **Problem diagnosed:** Rice is the major crop of Bhojpur District having an area of 115000 ha. Distributed in upland Medium land & low land. Previously the incidence of False smut was very causal but now a day it is found in epidemic form and at times losses is up to 30 % in terms of Grain yield It is commonly observed in recently introduce fine Rice (R. Sweta) and also Hybrid including older verities.

V. **Important Cause:** Imbalance use of nitrogenous fertilizer c.o. Ustilagonoidac varance

VI. **Production system:** Rice + Lentil /Wheat/Gram - Fallow

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 Carbandazime 2 Kg / ha.
ii. Technology option-I (TO-I): Spray of Propiconazole 25 EC 500 ml/ha. 2 Spray
iii. Technology option-II (TO-II): Spray of Chlorothelonile 75 WP / ha. 2 spray

XIII. **Critical Inputs:** Fungicides

XIV. **Unit Size:** 0.286 Ha.

XV. **No of Replications:** 14

XVI. **Unit Cost:** 550.00

XVII. **Total Cost:** 7700

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. **XIX Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify): GVPAUT, Pantnagar Utrakhand**

Plant Protection -2

I. **Season:** Rabi

II. **Title of the OFT:** Evaluation of Chemical of Lentil Rust

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

IV. **Problem diagnosed:** Lentil is the major pulses crop of Bhojpur District having area of 10 to 12000 ha. Now adults this disease is going to be deter mental for this crop. The disease appears during flowering & grain setting stage (Feb. in general) this disease is causing 30 to 50 % loss in lentil field. All popular verities like Arun, HUL-57 & Local also are seriously affected due to Rust disease.

V. **Important Cause: Sudden Increase in temperature attract causal organism**

VI. **Production system:** Rice + Lentil - Fallow

VII. **Micro farming system:** Rain fed

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

IX. **Existing Practice:** Improper / Injudicious selection of molecules

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

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

XII. **Treatments:**

i. Farmers Practice (FP): Mancozeb 75 WP @ 2 Kg/ha.
ii. Technology option-I (TO-I): Spray of Propiconazole @500 ml/ ha.
iii. Technology option-II (TO-II): Sulpher 80 WP 3 Kg/ha.

XIII. **Critical Inputs:** Fungicides

XIV. **Unit Size: 0.4 Ha.**

XV. **No of Replications: 14**

XVI. **Unit Cost: 450.00**

XVII. **Total Cost: 6300**

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): GVPAUT, Pantnagar Utrakhand

Horticulture -1

i. **Season:** Kharif
ii. **Title of the OFT:** Evaluation of Water soluble fertilizer yield of Okra
iii. **Thematic Area:** INM
iv. **Problem diagnosed:** Okra is one of the leading Kharif vegetable crop having an area of 1100 ha approx. The average productivities with recommended fertilizer is 80-100 Qt./ha. However the actual potential is 125-150 Qt. /ha. Go on and average farmers are incurring a regular loss of 40-45 % in yield.
v. **Important Cause:** Appropriate nutrition for plant growth
vi. **Production system:** Okra-Field Pea
vii. **Micro farming system:** Irrigated
viii. **Technology for Testing:** Water soluble nutrient
ix. **Existing Practice:** Use of imbalance nutrition
x. **Hypothesis:** Soil application is not fulfill the appropriate nutrition soil water soluble nutrient are trailed
xi. **Objective(s):** Extra nutrition through foliar spray
xii. **Treatments:**
Farmers Practice (FP): Recommended dose of fertilizer
Technology option-I (TO-I): 2 foliar spray of NPK (18:18:18) @10 &15 g per lit water; at 40 & 55 days
Technology option-II (TO-II): Cytokinin @ 1 ml/liter water
xiii. **Critical Inputs:** Water soluble fertilizer + Cytokinin
xiv. **Unit Size:** 1.0
xv. **No of Replications:** 21
xvi. **Unit Cost:** 425.00
xvii. **Total Cost:** 8925.00
xviii. **Monitoring Indicator:**
xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** IIVR, Varanasi

Horticulture -2

i. **Season:** Rabi
ii. **Title of the OFT:** Evaluation of Chemical control of D.B.M. in Cauliflower
iii. **Thematic Area:** IPM
iv. **Problem diagnosed:** Cauliflower is one of the most popular Rabi vegetable crop having good commercial value. This crop is seriously affected by Diamond Bick moth (Plutella xyllostella). This is at times resulting in early vegetative destruction and defoliation up to 40-45% and ultimately the farmers are incurring heavy loss.
v. **Important Cause:** Less environmental he hardness and higher efficiency chemical
vi. **Production system:** Cauliflower-Wheat
vii. **Micro farming system:** Irrigated
viii. **Technology for Testing:** New molecules
ix. **Existing Practice:** Use of molecules
x. **Hypothesis:** Old molecules are losing their efficiency that's New molecules are trailed
xi. **Objective(s):** Selection of better molecules
xii. **Treatments:**
Farmers Practice (FP): Chlorpyriphos 20 EC@1 Liter/ha.
Technology option-I (TO-I): Emamectin Benzoate 5 SG @ 150gram/ha.

Technology option-II (TO-II): Flubendiamide 480SC 60 gram/ha.

xiii. **Critical Inputs:** Pesticide
xiv. **Unit Size: 0.5 Acre**
xv. **No of Replications:**14
xvi. **Unit Cost:** 725.00
xvii. **Total Cost:** 10150.00
xviii. **Monitoring Indicator:**
xix. **Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):** IIVR, Varanasi

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.)

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

12. Scientific Advisory Committee

Date of SAC meeting held during 2020-21	Proposed date during 2020-2021
	15 September 2020

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 31.03.2020	Expected fund requirement (Rs.)
Pay & Allowances	12166100.00	13300000.00
TA	99850.00	200,000.00
HRD	25000.00	50000.0
Contingency	1083890.00	18,00,000.00
Vehicle		100000.00
Total	13374840.00	15350000.00

* 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