

ACTION PLAN 2019-2020

1. Name of the KVK: KRISHI VIGYAN KENDRA, SIRIS, AURANGABAD

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3. Training programme to be organized (April 2019 to March 2020)

(a) Farmers and farmwomen

Thematic area	Title of Training	No.	Duration	On / Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Agronomy														
ICM	Scientific cultivation of Moong	1	1	Off	05-04-19	2	0	0	0	18	0	20	0	20
ICM	Scientific cultivation of Moong	1	1	On	09-04-19	3	0	0	0	17	0	20	0	20
Seed production	Seed production technique of Urd and moong	1	1	On	30-04-19	5	6	0	0	5	9	10	16	25
Nursery Management	Nursery management in Rice	1	1	On	06-05-19	3	0	0	0	17	0	20	0	20
RCT	Different method of direct seeding in rice	1	1	On	14-05-19	2	0	0	0	18	0	20	0	20
Nursery Management	Nursery management in Rice	1	1	Off	23-05-19	3	0	0	0	17	0	20	0	20
RCT	Different method of direct seeding in rice	1	1	Off	07-06-19	2	0	0	0	18	0	20	0	20
ICM	Scientific cultivation of Paddy	1	1	Off	14-06-19	2	0	0	0	18	0	20	0	20
ICM	Cultivation of Pigeon Pea	1	1	On	20-06-19	3	0	0	0	17	0	20	0	20
ICM	Improved the agro-techniques of kharif pulses and oil seed	1	1	On	01-07-19	2	0	0	0	18	0	20	0	20
RCT	Direct seeding technique in paddy	1	1	Off	05-07-19	2	0	0	0	18	0	20	0	20
ICM	Cultivation of Pigeon Pea	1	1	On	15-07-19	2	0	0	0	18	0	20	0	20
Weed management	Integrated weed management in Paddy	1	1	On	06-08-19	2	0	0	0	18	0	20	0	20
INM	Integrated nutrient management in Paddy	1	1	Off	09-08-19	2	0	0	0	18	0	20	0	20
Cropping system	Increase the cropping intensity with short duration crop	1	1	Off	27-08-19	3	0	0	0	17	0	20	0	20
ICM	Integrated crop management in Rabi oil seed & pulses	1	1	On	03-09-19	3	0	0	0	17	0	20	0	20

Weed management	Integrated weed management in direct seeded rice	1	1	Off	12-09-19	2	0	0	0	18	0	20	0	20
ICM	cultivation of Toria	1	1	Off	20-09-19	3	0	0	0	17	0	20	0	20
Weed management	Integrated weed management in direct seeded rice	1	1	Off	24-09-19	2	0	0	0	18	0	20	0	20
ICM	cultivation of Mustard	1	1	Off	10-10-19	2	0	0	0	18	0	20	0	20
ICM	Integrated crop management in pulse crop	1	1	On	16-10-19	3	0	0	0	17	0	20	0	20
Seed production	Seed production technique in Rabi pulses	1	1	Off	23-10-19	2	0	0	0	17	0	20	0	20
RCT	Wheat cultivation with ZT machine	1	1	On	05-11-19	2	0	0	0	18	0	20	0	20
ICM	Improve agro-technique of wheat	1	1	Off	15-11-19	3	0	0	0	17	0	20	0	20
Water management	Water management in Pulses	1	1	Off	19-11-19	2	0	0	0	18	0	20	0	20
IWM	Integrated weed management in wheat	1	1	On	03-12-19	2	0	0	0	18	0	20	0	20
RCT	Role of ZT machine in crop production	1	1	Off	12-12-09	3	0	0	0	17	0	20	0	20
IWM	Integrated weed management in wheat	1	1	Off	20-12-19	3	0	0	0	17	0	20	0	20
Water Management	Water management in wheat	1	1	Off	02-01-20	3	0	0	0	17	0	20	0	20
Production of organic input	Vermin compost production technique	1	1	On	10-01-20	2	0	0	0	18	0	20	0	20
ICM	Improved agro-techniques of zaid Pulses	1	1	Off	20-01-20	3	0	0	0	17	0	20	0	20
Weed management	Improved agro-techniques of zaid Pulses	1	1	Off	04-02-20	2	0	0	0	18	0	20	0	20
Production of organic input	Production of Nadep compost	1	1	On	13-02-20	3	0	0	0	17	0	20	0	20
Seed production	Seed production of zaid pulses	1	1	Off	27-02-20	3	0	0	0	17	0	20	0	20
Seed production	Seed production of Summer pulses	1	1	On	03-03-20	3	0	0	0	17	0	20	0	20
ICM	Improved agro-techniques of Moong	1	1	Off	13-03-20	3	0	0	0	17	0	20	0	20
ICM	Improved agro-techniques of Moong	1	1	Off	19-03-20	3	0	0	0	17	0	20	0	20
		37	37			95	6	0	0	634	9	730	16	745
Agril. Engg.														
Repair and maintenance of farm machinery	Use & advantage of multi crop thresher	1	1	Off	10-04-19	4	2	0	0	11	3	15	5	20
Repair and maintenance of farm machinery	Care and maintenance of multi crop thresher	1	1	Off	25-04-19	4	2	0	0	11	3	15	5	20
Repair and maintenance of farm machinery	Operation of 5 Hp diesel pump set during summer season	1	1	Off	15-05-19	4	2	0	0	11	3	15	5	20
Farm mechanization	Use & advantages of improved tillage implements for summer ploughing	1	1	On	28-05-19	4	2	0	0	11	3	15	5	20
Farm mechanization	Use & advantages summer ploughing	1	1	On	11-06-19	4	2	0	0	11	3	15	5	20

Farm mechanization	Benefit & Operation of Drum seeder for direct sowing of rice	1	1	Off	21-06-19	4	2	0	0	11	3	15	5	20
Farm mechanization	Techniques for direct sowing of rice through DSR machine	1	1	On	2-07-19	4	2	0	0	11	3	15	5	20
Farm mechanization	Calibration of zero tillage machine	1	1	Off	18-07-19	4	2	0	0	11	3	15	5	20
Repair and maintenance of farm machinery	Types of zero tillage machine and their uses for paddy sowing	1	1	Off	26-07-19	4	2	0	0	11	3	15	5	20
RCT	Conservation of rainfall water	1	1	Off	14-08-19	4	2	0	0	11	3	15	5	20
Repair and maintenance of farm machinery	Repair & maintenance of centrifugal water pump	1	1	On	27-08-19	4	2	0	0	11	3	15	5	20
Repair and maintenance of farm machinery	Different types of water pump and their uses	1	1	On	04-09-19	4	2	0	0	11	3	15	5	20
RCT	Fuel saving in agriculture	1	1	Off	17-09-19	4	2	0	0	11	3	15	5	20
Installation and maintenance of micro irrigation systems	Use and importance of drip irrigation in horticultural crops	1	1	On	15-10-19	4	2	0	0	11	3	15	5	20
Farm mechanization	Mechanization of harvesting and threshing of paddy.	1	1	Off	25-10-19	4	2	0	0	11	3	15	5	20
Farm mechanization	Use and advantage of modern harvesting implement	1	1	Off	14-11-19	4	2	0	0	11	3	15	5	20
Repair and maintenance of farm machinery	Use and advantage of different types of sprayer machine	1	1	On	26-11-19	4	2	0	0	11	3	15	5	20
RCT	Zero tillage technology for sowing of rabi crops	1	1	On	17-12-19	4	2	0	0	11	3	15	5	20
RCT	Sowing of wheat by seed drill.	1	1	Off	24-12-19	4	2	0	0	11	3	15	5	20
Installation and maintenance of micro irrigation systems	Use & advantage of drip irrigation system.	1	1	Off	07-01-20	4	2	0	0	11	3	15	5	20
Installation and maintenance of micro irrigation systems	Use and importance of sprinkler irrigation in rabi crop	1	1	On	23-01-20	4	2	0	0	11	3	15	5	20
Installation and maintenance of micro irrigation systems	Installation of sprinkler irrigation system	1	1	On	12-02-20	4	2	0	0	11	3	15	5	20
Farm mechanization	Use and advantage of reaper	1	1	Off	18-02-20	4	2	0	0	11	3	15	5	20
Farm mechanization	Care and maintenance of farm implements	1	1	On	03-03-20	4	2	0	0	11	3	15	5	20
Use of Plastics in farming practices	Use and advantage of orchard and vegetable mulching	1	1	Off	13-03-20	4	2	0	0	11	3	15	5	20
		25	25			100	50	0	0	275	75	375	125	500

PB&G														
IDM	Management of YMV in moong	1	1	On	02-04-19	5	1	0	0	15	4	20	5	25
IPM	IPM in moong	1	1	Off	11-04-19	2	0	0	0	15	0	17	0	17
IDM	IDM in moong	1	1	Off	16-04-19	4	0	0	0	16	0	20	0	20
IWM	Weed control in Moong	1	1	On	14-05-19	5	2	0	0	10	5	15	7	22
ICM	Scientific cultivation of Moong	1	1	Off	16-05-19	5	2	0	0	10	3	15	5	20
ICM	Crop Production of Paddy	1	1	Off	22-05-19	5	0	0	0	15	5	20	5	25
RCT	Different method of raising paddy seedling	1	1	On	03-06-19	5	0	0	0	15	5	20	5	25
Seed Production	Seed production technique of Kharif maize	1	1	On	06-06-19	5	1	0	0	10	4	15	5	20
IWM	Weed Management in Kharif Maize	1	1	Off	13-06-19	3	2	0	0	10	5	13	7	20
IPM	IPM in maize crop	1	1	On	04-07-19	5	0	0	0	10	5	15	5	20
Seed Production	Seed Production of Arhar	1	1	On	17-07-19	5	0	0	0	15	5	20	5	25
RCT	Direct Seeding of paddy cultivation	1	1	Off	29-07-19	5	5	0	0	10	5	15	10	25
IWM	Weed control of Paddy	1	1	Off	06-08-19	5	5	0	0	10	5	15	10	25
INM	INM in Paddy	1	1	On	16-08-19	5	3	0	0	10	2	15	5	20
IDM	Management of different disease in paddy	1	1	On	21-08-19	5	2	0	0	15	3	20	5	25
Seed Production	Seed Production technique in Toria	1	1	On	03-09-19	5	0	0	0	15	5	20	5	25
IWM	Weed Control in Sesum	1	1	On	18-09-19	5	5	0	0	10	0	15	5	20
INM	INM in rape seed and mustard	1	1	Off	24-09-19	5	5	0	0	10	0	15	5	20
Seed Production	Seed production technique in rape seed and mustard	1	1	Off	03-10-19	5	5	0	0	10	5	15	10	25
ICM	Scientific cultivation of Potato	1	1	On	10-10-19	5	2	0	0	15	5	20	5	25
ICM	ICM in Rabi pulses	1	1	On	23-10-19	5	5	0	0	10	5	15	10	25
Seed Production	Seed Production technique in wheat	1	1	On	06-11-19	5	3	0	0	10	2	15	5	20
INM	INM in Wheat	1	1	On	20-11-19	5	3	0	0	10	2	15	5	20
RCT	Wheat cultivation in ZT machine	1	1	Off	28-11-19	5	3	0	0	10	2	15	5	20
Seed Production	Seed production technique of Rabi pulses	1	1	On	04-12-19	5	3	0	0	10	2	15	5	20
IWM	Weed Management in Lentil	1	1	On	10-12-19	5	0	0	0	10	5	15	5	20
IWM	Weed Management in lentil	1	1	Off	20-12-19	5	5	0	0	10	5	15	10	25
Seed Production	Seed Production technique of Zaid vegetable	1	1	On	06-01-20	5	5	0	0	10	5	15	10	25
IDM	Disease management in wheat crop	1	1	On	16-01-20	5	0	0	0	15	0	20	0	20
IPM	IPM in chick pea	1	1	Off	22-01-20	5	2	0	0	10	3	15	5	20
Vermin compost production	Technique in vermin compost production	1	1	On	04-02-20	5	5	0	0	10	5	15	10	25
Water Management	Water management in vegetable crops	1	1	On	11-02-20	5	0	0	0	10	5	15	5	20

Water Management	Water management in chick pea	1	1	Off	24-02-20	5	0	0	0	10	5	15	5	20
Nursery Raising	Nursery raising in summer vegetables	1	1	On	04-03-20	5	0	0	0	10	5	15	5	20
INM	INM in summer vegetable	1	1	On	19-03-20	5	0	0	0	10	5	15	5	20
Nursery Raising	Nursery raising in summer vegetable	1	1	Off	23-03-20	5	3	0	0	10	2	15	5	20
		36	36			174	77	0	0	411	129	585	204	789
Home Science														
Value addition	Post-harvest treatment of locally grown fruits and veg.	1	1	On	02-04-19	0	12	1	2	5	10	6	24	30
Value Addition	Food storage and preservation	1	1	Off	08-04-19	5	5	4	1	8	5	17	11	28
Value Addition	Potato slices on the chips making	1	1	On	15-04-19	4	5	2	3	5	8	11	16	27
Mushroom Production	Income Generation through Mushroom Production	1	1	Off	24-04-19	5	5	2	3	5	5	12	11	23
Drudgery Reduction	Drudgery Reduction in harvesting of wheat	1	1	On	06-05-19	2	8	3	2	4	6	9	16	25
Value Addition	Income enhancement of farm women through value Addition by preparing Jam squash	1	1	Off	14-05-19	0	8	0	2	5	12	5	22	27
Storage loss minimization tech.	Importance of storage practices of different food grains	1	1	On	28-05-19	4	8	0	0	8	10	12	18	30
Design and Development of low / min cost diet	Preparation of low cost diet for children	1	1	Off	10-06-19	3	15	0	0	5	7	8	22	30
Value addition	Post-harvest treatment of locally grown fruits and veg.	1	1	On	19-06-19	2	15	0	0	5	8	7	23	30
Mushroom Production	Income Generation through Mushroom Production	1	1	Off	02-07-19	4	10	0	2	4	9	8	21	29
Drudgery Reduction	Drudgery Reduction in harvesting of mushroom	1	1	On	02-09-19	3	7	0	0	5	10	8	17	25
Storage loss minimization technique	Importance of storage practices of different food grains	1	1	Off	12-09-19	6	7	1	1	4	9	11	17	28
Design and Development of low / min cost diet	Preparation of low cost diet for children	1	1	On	15-10-19	5	9	0	0	5	9	10	18	28
Value addition	Post-harvest treatment of locally grown fruits and vegetables	1	1	Off	18-10-19	3	10	1	2	4	5	8	17	25
Mushroom Production	Income Generation through Mushroom Production	1	1	On	04-11-19	10	5	0	1	5	4	15	10	25
Drudgery Reduction	Drudgery Reduction in harvesting of mushroom	1	1	Off	25-11-19	4	10	0	0	8	3	12	13	25
Value Addition	Income enhancement of farm women through value Addition of Guava, Papaya by preparing Jam squash	1	1	On	10-12-19	2	8	0	0	10	5	12	13	25

Storage loss min. Technique	Importance of storage practices of different food grains	1	1	Off	06-01-20	2	4	1	0	10	10	13	14	27
Value addition	Post-harvest treatment of locally grown fruits and vegetables	1	1	On	22-01-20	3	6	2	2	10	5	15	13	28
Mushroom Production	Income Generation through Mushroom Production	1	1	Off	18-02-20	9	4	0	0	5	10	14	14	28
Drudgery Reduction	Drudgery Reduction in harvesting of mushroom	1	1	On	31-03-20	8	8	0	2	5	2	13	12	25
Value addition	Post-harvest treatment of locally grown fruits and vegetables	1	1	Off	23-03-20	6	7	0	0	4	8	10	15	25
		22	22			90	176	17	23	129	160	236	357	593
Horticulture														
Integrated nutrient management	Method of application of fertilizer in fruit trees	1	1	Off	26-04-19	5	0	0	0	15	0	20	0	20
IPM	Pest and disease management in horticultural crop	1	1	Off	07-05-19	4	0	0	0	14	2	18	2	20
Off-season vegetables	Production of off-season vegetable to fetch good income	1	1	Off	22-07-19	5	0	0	0	15	0	20	0	20
Nursery raising	Quality nursery raising of vegetable for better income	1	1	On	25-07-19	5	0	0	0	15	0	20	0	20
Exotic vegetables like Broccoli	Production of exotic vegetable like broccoli, of good income	1	1	Off	30-09-19	5	0	0	0	15	0	20	0	20
Export potential vegetables	Production of organic and quality vegetable for export	1	1	Off	28-04-19	3	0	0	0	17	6	20	6	26
Protective cultivation (Green Houses, Shade Net etc.)	Promotion of gladiolus and Gerbera in poly house	1	1	On	26-09-19	5	0	0	0	15	0	20	0	20
Others, if any (Cultivation of Vegetable)	Scientific cultivation of Rabi season vegetable	1	1	Off	28-08-19	5	0	0	0	15	0	20	0	20
Training and Pruning	Training and pruning of guava orchard	1	1	On	25-06-19	5	0	0	0	15	0	20	0	20
Layout and Management of Orchards	Maximum land use efficiency through high density in fruit trees	1	1	Off	05-04-19	6	5	0	0	15	0	21	5	26
Cultivation of Fruit	Scientific cultivation of papaya	1	1	Off	18-09-19	5	0	0	0	15	0	20	0	20
Management of young plants/orchards	Care and management of young plant in orchard	1	1	On	15-10-19	5	0	0	0	15	0	20	0	20
Micro irrigation systems of orchards	Use of micro irrigation system of orchard	1	1	Off	24-11-19	5	0	0	0	15	0	20	0	20
Management of potted plants	Care and management of potted plants	1	1	On	21-05-19	5	0	0	0	15	0	20	0	20
Propagation techniques of Ornamental Plants	Plant propagation of ornamental plants	1	1	On	30-10-19	5	0	0	0	15	0	20	0	20

Production and Management technology	Production and management technology of spices crop	1	1	On	30-07-19	5	0	0	0	15	0	20	0	20
Production and Management technology	Production and management technology of tuber crop	1	1	On	16-09-19	5	0	0	0	15	0	20	0	20
Production and Management technology	Production and management technology of medicinal and aromatic plants	1	1	Off	18-07-19	5	0	0	0	15	0	20	0	20
Production and Management technology	Production and management technology of plantation crop	1	1	Off	20-01-20	5	0	0	0	15	0	20	0	20
Rejuvenation of old orchards	Rejuvenation of old mango orchards	1	1	Off	29-11-19	5	0	0	0	15	0	20	0	20
Processing and value addition	Processing and value addition of tuber crop	1	1	On	07-03-20	0	5	0	0	0	15	0	20	20
		21	21			98	10	0	0	301	23	399	33	432

(b) Rural youths

Thematic area	Title of Training	No.	Duration	On / Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Agronomy														
Seed Production	Seed production of Paddy	1	5	On	07-05-19 to 11-05-19	2	0	0	0	18	0	20	0	20
Organic input production technique	Production technique of Vermi and NADEP compost	1	5	On	2-9-19 to 6-9-19	2	0	0	0	18	0	20	0	20
Seed production	Seed production of Lentil & chickpea	1	5	On	14-10-19 to 18-10-19	2	0	0	0	18	0	20	0	20
Seed production	Seed production of Moong	1	5	On	3-2-20 to 7-2-20	2	0	0	0	18	0	20	0	20
		2	10			4	0	0	0	36	0	40	0	40
Agril. Engg.														
Repair and maintenance of farm machinery	Repair & maintenance of 5 HP Diesel engine	1	5	On	16-06-19 to 22-06-19	4	2	0	0	11	3	15	5	20
Repair and maintenance of farm machinery	Care & maintenance of tractor	1	5	On	02-08-19 to 06-08-19	4	2	0	0	11	3	15	5	20
Repair and maintenance of farm machinery	Care & maintenance of tractor	1	5	On	19-11-19 to 23-11-19	4	2	0	0	11	3	15	5	20
Repair and maintenance of farm machinery	Repair and maintenance of zero tillage machine and their calibration	1	5	On	14-01-20 to 18-01-20	4	2	0	0	11	3	15	5	20
		2	10			8	4	0	0	22	6	30	10	40

PB&G														
Seed Production	Seed Production technique of moong and urd	1	1	On	23-05-19	5	5	0	0	10	0	15	5	20
Seed Production	Hybrid seed production of maize	1	1	On	26-06-19	5	5	0	0	10	5	15	10	25
Vermin culture	Technique of vermin compost production	1	1	On	19-08-19	5	5	0	0	10	5	15	10	25
Seed Production	Seed production technique of rape seed and toria	1	1	Off	16-09-19	5	3	0	0	10	2	15	5	20
Bee Keeping	Production technique of honey bee	1	1	Off	20-11-19	5	5	0	0	10	5	15	10	25
Mushroom Production	Production technique of Oyster Mushroom	1	1	Off	16-12-19	5	5	0	0	10	0	15	5	20
		6	6			30	28	0	0	60	17	90	45	135
Home Science														
Rural Craft	Making of soft toys	1	5	On	24-06-19 to 28-04-19	5	10	0	0	5	10	10	20	30
Value addition	Pickle Making	1	5	On	08-07-19 to 12-07-19	5	10	0	0	5	10	10	20	30
Rural Craft	Making of soft toys	1	5	On	21-10-19 to 25-10-19	5	10	0	0	5	10	10	20	30
Value addition	Pickle Making	1	5	On	18-11-19 to 22-11-19	5	10	0	0	5	10	10	20	30
Mushroom Production	Techniques of mushroom cultivation	1	5	On	16-03-20 to 20-03-20	5	10	0	0	5	10	10	20	30
		5	25			25	50	0	0	25	50	50	100	150
Horticulture														
Planting material production	Methods of different planting materials	1	5	On	10-06-19 to 14-06-19	5	0	0	0	15	0	20	0	20
Value addition	Value addition of seasonal vegetable	1	5	On	26-08-19 to 30-08-19	0	5	0	0	0	15	0	20	20
Nursery Management of Horticulture crops	Nursery management of vegetable and flower seedling	1	5	On	16-09-19 to 20-09-19	5	0	0	0	15	0	20	0	20
Training and pruning of orchards	Training and pruning of different fruit trees	1	5	On	21-10-19 to 25-10-19	5	0	0	0	15	0	20	0	20
Protected cultivation of vegetable crops	Raising of different vegetables crops under protected cultivation	1	5	On	09-12-19 to 13-12-19	5	0	0	0	15	0	20	0	20
Post-Harvest Technology	Processing and preservation of seasonal fruits & vegetables	1	5	On	10-02-20 to 14-02-20	0	5	0	0	0	15	0	20	20
		6	30			20	10	0	0	60	30	80	40	120

(c) Extension functionaries

Thematic area	Title of Training	No.	Duration	On / Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Agronomy														
Productivity enhancement in field crops	Direct seeding of Paddy	1	1	On	10-06-19	2	0	0	0	18	0	20	0	20
Productivity enhancement in field crops	Direct seeding of Paddy	1	1	Off	13-06-19	2	0	0	0	18	0	20	0	20
Productivity enhancement in field crops	Cultivation of pigeon pea	1	1	Off	07-07-19	2	0	0	0	18	0	20	0	20
Productivity enhancement in field crops	Zero tillage in lentil	1	1	Off	21-10-19	2	0	0	0	18	0	20	0	20
Productivity enhancement in field crops	Zero tillage in Wheat	1	1	Off	03-11-19	2	0	0	0	18	0	20	0	20
Production and use of organic inputs	Vermi compost production technique	1	1	Off	04-02-20	2	0	0	0	18	0	20	0	20
Production and use of organic inputs	Vermi compost production technique	1	1	Off	18-03-20	2	0	0	0	18	0	20	0	20
		7	7			14	0	0	0	126	0	140	0	140
Agril. Engg.														
Resource conservation Technique	Techniques for sowing of paddy through zero tillage machine	1	1	Off	16-05-19	4	1	0	0	13	2	17	3	20
Care and maintenance of farm machinery and implements	Care and maintenance of farm implements	1	1	On	12-07-19	4	1	0	0	13	2	17	3	20
Resource conservation Technique	Use and advantage of zero tillage machine for wheat sowing and their calibration	1	1	Off	20-09-19	4	1	0	0	13	2	17	3	20
Repair and maintenance of farm machinery	Care and maintenance of farm implements	1	1	On	12-10-19	4	1	0	0	13	2	17	3	20
Repair and maintenance of farm machinery	Calibration and operation of zero tillage machine	1	1	Off	06-11-19	4	1	0	0	13	2	17	3	20
		5	5			20	5	0	0	65	10	85	15	100
PB&G														
Productivity enhancement in field crop	Method of direct seeding rice	1	1	On	10-06-19	5	2	0	0	15	3	20	5	25
IPM	Insect pest control of paddy	1	1	On	30-08-19	5	0	0	0	10	5	15	5	20
Productivity enhancement in field crop	Scientific cultivation of Arhar	1	1	On	21-10-19	3	2	0	0	10	5	13	7	20
INM	Nutrient management in	1	1	Off	25-10-19	5	0	0	0	10	5	15	5	20

	mustard													
INM	Nutrient management in wheat	1	1	Off	05-11-19	10	0	0	0	10	5	20	5	25
IPM	Insect pest control in Gram and Lentil	1	1	Off	16-12-19	5	5	0	0	10	5	15	10	25
		6	6			33	9	0	0	65	28	98	37	135
Home Science														
Women and child care	Nutrition education and project	1	1	On	28-05-19	6	6	0	0	8	5	14	11	25
Women and child care	Basic principle of nutrition	1	1	Off	23-07-19	0	10	0	5	0	10	0	25	25
Low cost and nutrient efficient diet designing	Making Chayawanpras	1	1	On	05-09-19	0	10	0	5	0	10	0	25	25
Gender mainstreaming through SHGs	Women employment through SHGs PHT	1	1	Off	28-11-19	5	6	0	0	4	10	9	16	25
Value addition	Making Chips	1	1	On	15-01-20	0	10	0	0	0	15	0	25	25
		5	5			11	42	0	10	12	50	23	102	125
Horticulture														
Integrated Nutrient management	INM in horticultural crops	1	1	Off	20-01-20	5	0	0	0	15	0	20	0	20
Rejuvenation of old orchards	Rejuvenation of old orchards	1	1	Off	18-10-19	5	0	0	0	15	0	20	0	20
Value addition	Processing and preservation of seasonal fruits and vegetables	1	1	On	18-03-20	0	5	0	0	0	15	0	20	20
Protected cultivation technology	Protected cultivation of off-seasonal crops	1	1	On	05-01-20	5	0	0	0	15	0	20	0	20
		4	4			15	5	0	0	45	15	60	20	80

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weed Management	12	167	25	192	41	19	60	0	0	0	208	44	252	
Resource Conservation Technologies	12	168	24	192	42	16	58	0	0	0	210	40	250	
Cropping Systems	1	17	0	17	3	0	3	0	0	0	20	0	20	
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0	
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0	
Water management	4	55	10	65	15	0	15	0	0	0	70	10	80	
Seed production	11	136	37	173	48	23	71	0	0	0	185	61	245	
Nursery management	2	34	0	34	6	0	6	0	0	0	40	0	40	
Integrated Crop Management	18	293	18	311	57	9	66	0	0	0	350	25	375	
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0	
Production of organic inputs	2	35	0	35	5	0	5	0	0	0	40	0	40	
Others, (cultivation of crops)	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	62	905	114	1019	217	67	284	0	0	0	1123	180	1302	

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	1	15	0	15	5	0	5	0	0	0	20	0	20	
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0	
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0	
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0	
Yield increment	0	0	0	0	0	0	0	0	0	0	0	0	0	
Production of low and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0	
Off-season vegetables	1	15	0	15	5	0	5	0	0	0	20	0	20	
Nursery raising	3	35	7	42	15	3	18	0	0	0	50	10	60	
Exotic vegetables like Broccoli	1	15	0	15	5	0	5	0	0	0	20	0	20	
Export potential vegetables	1	17	6	23	3	0	3	0	0	0	20	6	26	
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0	
Protective cultivation	1	15	0	15	5	0	5	0	0	0	20	0	20	
Others, if any (Cultivation of Vegetable)	1	15	0	15	5	0	5	0	0	0	20	0	20	
TOTAL	9	127	13	140	43	3	46	0	0	0	170	16	186	
b) Fruits														
Training and Pruning	1	15	0	15	5	0	5	0	0	0	20	0	20	
Layout and Management of Orchards	1	15	0	15	6	5	11	0	0	0	21	5	26	
Cultivation of Fruit	1	15	0	15	5	0	5	0	0	0	20	0	20	
Management of young plants/orchards	1	15	0	15	5	0	5	0	0	0	20	0	20	
Rejuvenation of old orchards	1	15	0	15	5	0	5	0	0	0	20	0	20	
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0	
Micro irrigation systems of orchards	1	15	0	15	5	0	5	0	0	0	20	0	20	
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0	
Others, if any(INM)	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	6	90	0	90	31	5	36	0	0	0	121	5	126	
c) Ornamental Plants														
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0	
Management of potted plants	1	15	0	15	5	0	5	0	0	0	20	0	20	
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0	
Propagation tech. of Ornamental Plants	1	15	0	15	5	0	5	0	0	0	20	0	20	
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2	30	0	30	10	0	10	0	0	0	40	0	40	
d) Plantation crops														
Production and Management technology	4	60	0	60	20	0	20	0	0	0	80	0	80	
Processing and value addition	1	0	15	15	0	5	5	0	0	0	0	20	20	
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	5	60	15	75	20	5	25	0	0	0	80	20	100	
e) Tuber crops														
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0	
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0	
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	
f) Spices														
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0	
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0	
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	
g) Medicinal and Aromatic Plants														
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0	
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0	
Post-harvest tech. and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0	
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0	

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	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	5	58	9	67	22	11	33	0	0	0	80	20	100
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	5	58	9	67	22	11	33	0	0	0	80	20	100
IV. Livestock Production and Management													
Dairy Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Goat farming)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	2	10	16	26	8	24	32	0	0	0	18	40	58
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	3	22	29	51	12	19	31	2	1	3	36	49	85
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	9	56	66	122	25	76	101	10	12	22	91	154	245
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	4	22	21	43	17	33	50	3	4	7	42	58	100
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Mushroom Production)	4	19	28	47	28	24	52	2	6	8	49	56	105
TOTAL	22	129	160	289	90	176	266	17	23	40	236	357	593
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	4	44	12	56	16	8	24	0	0	0	60	20	80
Use of Plastics in farming practices	1	11	3	14	4	2	6	0	0	0	15	5	20
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	7	77	21	98	28	14	42	0	0	0	105	35	140

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	
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Farm mechanization)	9	99	27	126	36	18	54	0	0	0	135	45	180	
TOTAL	21	231	63	294	84	42	126	0	0	0	315	105	420	
VII. Plant Protection														
Integrated Pest Management	4	49	10	59	16	2	18	0	0	0	65	12	77	
Integrated Disease Management	4	50	18	68	20	9	29	0	0	0	70	25	95	
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0	
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	8	99	28	127	36	11	47	0	0	0	135	37	172	
VIII. Fisheries														
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0	
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0	
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0	
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0	
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0	
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0	
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0	
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	
IX. Production of Inputs at site														
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0	
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0	
Vermi-compost production	1	10	5	15	5	5	10	0	0	0	15	10	25	
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0	
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0	
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0	
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0	
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0	
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0	
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	1	10	5	15	5	5	10	0	0	0	15	10	25	
X. Capacity Building and Group Dynamics														
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0	
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0	

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	
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry														
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	141	1739	407	2146	558	325	883	17	23	40	2315	750	3064	

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	15	10	25	10	15	25	0	0	0	25	25	50
Bee-keeping	1	10	5	15	5	5	10	0	0	0	15	10	25
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	6	84	7	91	21	13	34	0	0	0	105	20	125
Production of organic inputs	1	18	0	18	2	0	2	0	0	0	20	0	20
Planting material production	1	15	0	15	5	10	15	0	0	0	20	0	20
Vermi-culture	1	10	5	15	5	5	10	0	0	0	15	10	25
Sericulture													
Protected cultivation of vegetable crops	1	15	0	15	5	0	5	0	0	0	20	0	20
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	4	44	12	56	16	8	24	0	0	0	60	20	80
Nursery Management of Horticulture crops	1	15	0	15	5	0	5	0	0	0	20	0	20
Training and pruning of orchards	1	15	0	15	5	0	5	0	0	0	20	0	20
Value addition	3	10	35	45	10	25	35	0	0	0	20	60	80
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0

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	
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	1	0	15	15	0	5	5	0	0	0	0	20	20	
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0	
Rural Crafts	2	10	20	30	10	20	30	0	0	0	20	40	60	
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0	
Others if any (ICT application in agriculture)	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	13	109	82	191	51	58	109	0	0	0	160	140	300	

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	7	115	8	123	18	4	22	0	0	0	133	12	145
Integrated Pest Management	2	20	10	30	10	5	15	0	0	0	30	15	45
Integrated Nutrient management	3	35	10	45	20	0	20	0	0	0	55	10	65
Rejuvenation of old orchards	1	15	0	15	5	0	5	0	0	0	20	0	20
Value addition	2	0	30	30	0	15	15	0	0	0	0	45	45
Protected cultivation technology	1	15	0	15	5	0	5	0	0	0	20	0	20
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	3	39	6	45	12	3	15	0	0	0	51	9	60
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	2	8	15	23	6	16	22	0	5	5	14	36	50
Low cost and nutrient efficient diet designing	1	0	10	10	0	10	10	0	5	5	0	25	25
Production and use of organic inputs	2	36	0	36	4	0	4	0	0	0	40	0	40
Gender mainstreaming through SHGs	1	4	10	14	5	6	11	0	0	0	9	16	25
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
Others if any (RCT)	2	26	4	30	8	2	10	0	0	0	34	6	40
TOTAL	27	313	103	416	93	61	154	0	10	10	406	174	580

4. Frontline demonstration to be conducted*

a. Agronomy:-

1. **Crop** : Paddy
Thrust Area : High cost of cultivation
Thematic Area : Resource conservation technology
Season : Kharif
Farming Situation : Irrigated, Rice-Wheat

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Paddy (Rajendra Sweta)	05 / 12	Direct seeding, Application of pendimethalin@3.3L/ha, Bispayribag Sodium@250ml/ha	Yield attributes, Yield, Weed studies, Economics	Seed, Pendimethalin, Bispayribag sodium	-	-	02	00	00	00	10	00	12	00	12

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Direct seeding of rice	2	PF	1	Off & On	10	0	0	0	30	0	40	0	40
field visit	Scientist farmers field visit	10	PF	10	Off	10	0	0	0	30	0	40	0	40
Field day	Importance of Direct seeding in paddy	1	PF	1	Off	30	5	0	0	60	5	90	10	100

2. **Crop** : Wheat
Thrust Area : High cost of cultivation
Thematic Area : Resource conservation technology
Season : Kharif
Farming Situation : Irrigated, Rice-Wheat

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Wheat (HD2985)	05 / 12	Direct seeding, Application of Metsulfuron+sulfosulfuron(Total)@33g/ha	Yield attributes, Yield, Weed studies, Economics	Seed, Metsulfuron+sulfosulfuron(Total)@33g/ha,	-	-	02	00	00	00	10	00	12	00	12

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Cultivation of wheat through ZTD machine	2	PF	1	Off & On	10	0	0	0	30	0	40	0	40
field visit	Scientist farmers field visit	10	PF	10	Off	10	0	0	0	30	0	40	0	40
Field day	Cultivation of wheat through ZTD machine	1	PF	1	Off	30	5	0	0	60	5	90	10	100

b. Agricultural Engineering:-

- 1. Crop** : Paddy
Thrust Area : High cost of cultivation
Thematic Area : Resource conservation technology
Season : Kharif
Farming Situation : Irrigated, Rice-Wheat

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Paddy (Rajendra Sweta)	5 / 12	Sowing of paddy through Zero tillage machine, Application of Bispayribag Sodium@250ml/ha	Yield attributes, Yield, Weed studies, Economics	Seed, Bispayribag sodium	-	-	2	0	0	0	10	0	12	0	12

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Sowing of paddy through zero tillage machine	2	PF	1	Off & On	5	2	0	0	20	6	25	8	33
field visit	Scientist farmers field visit	25	PF	5	Off	2	0	0	0	10	0	12	0	12
Field day	Sowing of paddy through zero tillage machine	1	PF	1	Off	10	7	0	0	40	13	50	20	70

- 2. Crop** : Wheat
Thrust Area : High cost of cultivation and high moisture in soil
Thematic Area : Resource conservation technology
Season : Kharif
Farming Situation : Irrigated, Rice-Wheat

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Wheat(HD2985)	5 / 12	Zero tillage technology	Yield attributes, Yield, Weed studies, Economics	Seed	-	-	2	0	0	0	10	0	12	0	12

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Sowing of wheat through zero tillage machine	2	PF	1	Off & On	5	2	0	0	20	6	25	8	33
field visit	Scientist farmers field visit	25	PF	5	Off	2	0	0	0	10	0	12	0	12
Field day	Sowing of wheat through zero tillage machine	1	PF	1	Off	10	7	0	0	40	13	50	20	70

c. Plant Breeding & Genetics:-

1. Crop : Chili
 Thrust Area : High cost of cultivation
 Thematic Area : Varietal demonstration
 Season : Kharif
 Farming Situation : Chili – Brinjal

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Chili (Kashi Anmol)	1 / 20	Use of new variety	Plant height, weight of fruit/plant, average yield/ha, economics	Seed, fungicide, insecticide	36420	36100	5	2	0	0	10	3	15	5	20

Extension and Training activities under FLD:

Activity	Title of Activity	No	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Different method of rising seedling of chili	2	PF	1	Off & On	5	5	0	0	10	5	15	10	25
field visit	Scientist farmers field visit	25	PF	5	Off	2	0	0	0	10	0	12	0	12

2. **Crop** : Chick pea
Thrust Area : High infestation of disease
Thematic Area : Varietal demonstration
Season : Rabi
Farming Situation : Rice-Chick pea-Moong

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Chick pea (Sabour Chana-1 Or GCP-105)	5 / 20	Use of new variety	Plant height, No. of pods/plant, No. of branches/plant, 100 seed weight, average yield/ha, economics	Seeds, Fungicide, Insecticide	23970	22500	5	2	0	0	10	3	15	5	20

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Method of seed treatment in pulse crop & disease management in chick pea	2	PF	1	Off & On	5	2	0	0	10	5	15	7	22
field visit	Scientist farmers field visit	25	PF	5	Off	5	2	0	0	10	5	15	7	22

d. Home Science:-

1. **Crop** : Mushroom
Thrust Area : Low cost income generation
Thematic Area : Mushroom Production
Season : Rabi
Farming Situation : Oyster Mushroom

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Button Mushroom	0 / 20	Spawn	Economics	Spawn, Bevestin, formalin, PP Bag	-	-	5	10	0	2	3	5	8	17	25

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Technique of Mushroom cultivation	2	PF	1	Off & On	5	5	0	2	5	8	10	15	25
field visit	Scientist farmers field visit	15	PF	5	Off	5	5	0	2	5	8	10	15	25

2. **Crop** : Kitchen Garden
Thrust Area : Nutrition and organic farming
Thematic Area : House hold food security by kitchen gardening & nutrition gardening
Season : Rabi
Farming Situation : Potato-Onion

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Kitchen Garden (Broccoli. Bottle guard, tomato, cauliflower, cabbage, carrot, cucumber, beat)	2 / 24	Nutrition Kitchen Garden	Economics	Seeds and plant	-	-	5	4	2	3	5	4	12	11	23

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Kitchen Gardening for Nutrition	2	PF	1	Off & On	5	2	0	0	10	5	15	7	22
field visit	Scientist farmers field visit	25	PF	5	Off	5	2	0	0	10	5	15	7	22

e. Horticulture:-

1. **Crop** : Cauliflower
Thrust Area : Early cultivation
Thematic Area : ICM
Season : Kharif
Farming Situation : Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Cauliflower (SAbour Agrim)	1 / 10	Early cultivation of Cauliflower	Plant Height, Weight of curd, Yield/ha	Seed & Portray	45000	45500	2	0	0	0	6	2	8	2	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Raising off season vegetable to fetch good income	2	PF	1	Off & On	5	0	0	0	15	5	20	5	25
field visit	Scientist farmers field visit	5	PF	5	Off	5	0	0	0	15	5	20	5	25

2. **Crop** : Sponge gourd
Thrust Area : Delayed cultivation
Thematic Area : Off Season Vegetable
Season : Rabi
Farming Situation : Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Sponge Gourd (Rajendra Nenua 1)	1 / 10	Early cultivation	Days taken to Seed germination, % in germination, Raising healthy seedling.	Seed & Portray	3800	2500	2	0	0	0	4	4	6	4	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Raising of early vegetable to get better income	2	PF	1	Off & On	5	0	0	0	15	5	20	5	25
field visit	Scientist farmers field visit	5	PF	5	Off	5	0	0	0	15	5	20	5	25

* 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 Kharif to Rabi	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (quintals)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Seeds								
Paddy	R. Sweta	Kharif	6.00	F/S	260	300000	982800	682800
	Sahbhagi	Kharif	0.25	F/S	10			
	Sabour Ardhjal	Kharif	0.25	F/S	15			
Chick pea	GCP-105	Rabi	4.00	F/S	48	75000	410400	335400
Lentil	Hul-57	Rabi	3.00	F/S	36	75000	324000	249000
Mushroom Spawn	Oyster	Rabi	-	-	3	20000	33000	13000
Planting material					Number (In Lakh)			
Cucurbitaceous	R. Nanaua 1	Rabi	-	-	0.02	5000	10000	5000
Chilli	Arka Anmol	Rabi	-	-	0.50	10000	15000	5000
Tomato	Kashi Visesh	Rabi	-	-	0.10	5000	10000	5000
Cauliflower	Sabour agrim	Kharif	-	-	1.00	10000	15000	5000
Papaya	Red lady	Kharif	-	-	0.01	2000	10000	8000

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.)
-	-	-	-	-	-	-	-	-	-

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	5	400	100	500	10	8	2	10	408	102	510
2	Kisan Mela	3	800	200	1000	20	5	1	6	805	201	1006
3	Kisan Ghosthi	12	450	150	600	20	20	4	24	470	154	624
4	Exhibition	5	90	10	100	10	4	1	5	94	11	105
5	Film Show	25	500	250	750	20	20	5	25	520	255	775
6	Method Demonstrations	4	35	5	40	10	4	0	4	39	5	44
7	Farmers Seminar	3	250	50	300	10	3	0	3	253	50	303
8	Workshop	10	4000	1000	5000	20	15	5	20	4015	1005	5020
9	Group meetings	25	200	175	375	15	20	5	25	220	180	400
10	Lectures delivered as resource persons	15	275	85	360	15	12	2	15	287	87	374
11	Advisory Services	5000	4000	1000	5000	20	80	20	100	4080	1020	5100
12	Scientific visit to farmers field	500	400	100	500	20	40	10	50	440	110	550
13	Farmers visit to KVK	500	400	100	500	20	0	0	0	400	100	500
14	Diagnostic visits	60	100	20	120	10	10	2	12	110	22	132
15	Exposure visits	5	75	25	100	10	0	0	0	75	25	100
16	Ex-trainees Sammelan	2	50	10	60	10	0	0	0	50	10	60
17	Soil health Camp	12	400	100	500	20	10	2	12	410	102	512
18	Animal Health Camp	5	150	50	200	20	8	2	10	158	52	210
19	Agri mobile clinic	100	400	100	500	20	8	2	10	408	102	510
20	Soil test campaigns	12	500	100	600	20	10	2	12	510	102	612
21	Farm Science Club Conveners meet	10	150	50	200	15	8	2	10	158	52	210
22	Self Help Group Conveners meetings	12	150	50	200	15	10	2	12	160	52	212
23	Mahila Mandals Conveners meetings	12	50	175	200	15	10	2	12	60	177	237
	Celebration of important days (specify)											
24	Sankalp Se Siddhi	1	1000	500	1500	20	40	10	50	1040	510	1550
25	Swatchta Hi Sewa	5	400	100	500	20	8	2	10	408	102	510
26	Mahila Kisan Diwas	1	500	1000	1500	20	20	30	50	520	1030	1550
27	Kisan Diwas	1	1000	500	1500	20	40	10	50	1040	510	1550
28	Soil Health day	1	1000	500	1500	20	40	10	50	1040	510	1550
29	International women day	1	200	800	1000	20	5	10	15	205	810	1015
30	International Yoga Diwas	1	40	10	50	10	4	1	5	44	11	55
31	Any Other (Specify)	2	1500	500	2000	20	40	10	50	1540	510	2050
	Total	6350	19465	7815	27255	16	502	154	657	19967	7969	27936

7. Revolving Fund (in Rs.)

Opening balance of 2019-2020 (As on 01.04.2019)	Amount proposed to be invested during 2019-2020	Expected Return
897000	800000	1500000

8. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)
NICRA	CRIDA Hyderabad	10.00
GKMS	ICAR	10.00

9. On-farm trials to be conducted*

OFT – 1

1	Season:	Kharif 2019
2	Title of the OFT:	To access the suitable tool for nutrient management in transplanted rice for South Bihar condition.
3	Thematic Area:	Fertilizer Management
4	Problem diagnosed:	Low income and non-judicious use of fertilizer in paddy.
5	Important Cause:	Imbalance use of fertilizer resulted low yield and high cost of cultivation
6	Production system:	Rice-Wheat Production System
7	Micro farming system:	Crop production
8	Technology for Testing:	Farmer Practice - (180:40:0KgNPK/ha) TO ₁ – Recommended dose of fertilizer(120:60:40kgNPK/ha) TO ₂ – Application of nitrogen on basis of leaf colour chart(LCC) (Basel dose of Nitrogen as per recommendation) TO ₃ – Application of fertilizer on rice crop manager software
9	Existing Practice:	Higher dose of nitrogen in paddy
10	Hypothesis:	All technology option produce similar yield
11	Objective(s):	To assess the suitable tool for fertilizer management To assess the economics of different tools
12	Treatments:	Farmer Practice - (180:40:0KgNPK/ha) TO ₁ – Recommended dose of fertilizer(120:60:40kgNPK/ha) TO ₂ – Application of nitrogen on basis of leaf colour chart(LCC) (Basel dose of Nitrogen as per recommendation) TO ₃ – Application of fertilizer on rice crop manager software
13	Critical Inputs:	Seed, Pretilachlor 1.5L/ha, Bispayribag Sodium250ml/ha, Pyrezosulfuron @250g/ha, Seed treatment material
14	Unit Size:	1 acre
15	No of Replications:	5
16	Unit Cost:	Rs 2450=00
17	Total Cost:	Rs 2450 X 5=Rs 12250
18	Monitoring Indicator:	Yield attributes, Yield, Economics
19	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	IRRI (LCC based) Bihar Agricultural University, Sabour (crop manager)

OFT – 2

1	Season:	Kharif 2019
2	Title of the OFT:	To assess the suitable resource conservation technology for paddy establishment in south Bihar.
3	Thematic Area:	Resource conservation technology
4	Problem diagnosed:	High labour intensive technology & and high cost of production
5	Important Cause:	High cost of production of Paddy
6	Production system:	Rice-Wheat Production System
7	Micro farming system:	Crop production
8	Technology for Testing:	Farmer Practice - (Transplanting 30days old seedling) TO ₁ –Direct seeding of Paddy in stale bade condition TO ₂ –Direct seeding of Paddy in zero till condition
9	Existing Practice:	Transplanting 30-35 days old seedling
10	Hypothesis:	All technology option produce similar yield
11	Objective(s):	To assess the suitable method of paddy establishment To assess the economics of different establishment practices
12	Treatments:	Farmer Practice - (Transplanting 30days old seedling) TO ₁ –Direct seeding of Paddy in stale bade condition TO ₂ –Direct seeding of Paddy in zero till condition
13	Critical Inputs:	Seed, pendimethalin 3.3L/ha, Bispayribag Sodium250ml/ha, Pyrezosulfuron @250g/ha, Seed treatment material
14	Unit Size:	1 acre
15	No of Replications:	5
16	Unit Cost:	Rs 3650=00
17	Total Cost:	Rs 3650 X 5=Rs 18165
18	Monitoring Indicator:	Yield attributes, weed studies, days taken to 50% flowering and maturity, Yield, Economics
19	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	Bihar Agricultural University, Sabour

OFT – 3

1	Season	Rabi 2019
2	Title of the OFT:	To access the water soluble fertilizer NPK(18:18:18) for increasing productivity of lentil under rainfed condition of South Bihar.
3	Thematic Area:	Integrated crop management
4	Problem diagnosed:	Low income due to poor yield in lentil.
5	Important Cause:	Improper fertilizer management in lentil
6	Production system:	Rice-lentil Production System
7	Micro farming system:	Crop production
8	Technology for Testing:	Farmer Practice - (Use of 20:40:0Kg NPK/ha & No use of WSF) TO ₁ – Basal application of 20:40:0kgNPK/ha +one spray of WSF NPK (18:18:18/ha) at 40DAS (1% NPK solution spray at 40DAS) TO ₂ – Basal application of 20:40:0kgNPK/ha +Two split spray of WSF NPK(18:18:18/ha) at 40&60DAS (1% NPK solution spray with equal splitting at 40 & 60 DAS)
9	Existing Practice	Basal application of fertilizer
10	Hypothesis:	All technology option produce similar yield

11	Objective(s):	To assess the suitable time for application of WSF in lentil To assess the economics of different technology option
12	Treatments:	Farmer Practice - (Use of 20:40:0Kg NPK/ha & No use of WSF) TO ₁ – Basal application of 20:40:0kgNPK/ha +one spray of WSF NPK (18:18:18/ha) at 40DAS (1% NPK solution spray at 40DAS) TO ₂ – Basal application of 20:40:0kgNPK/ha +Two split spray of WSF NPK(18:18:18/ha) at 40&60DAS (1% NPK solution spray with equal splitting at 40 & 60 DAS)
13	Critical Inputs:	Seed 40 kg/ha, Pendimethalin @ 3.3L/ha, WSF
14	Unit Size:	1 acre
15	No of Replications:	10
16	Unit Cost:	Rs 3275=00
17	Total Cost:	Rs 3275X 5=Rs 32750
18	Monitoring Indicator:	Yield attributes, Yield, Economics
19	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	NDUA&T , Ayodhya

OFT – 4

1	Season	Kharif 2019
2	Title of the OFT:	To assess the different types of Zero Tillage technology for paddy establishment.
3	Thematic Area:	RCT
4	Problem diagnosed:	Damage of seed during pass, sometimes when increase the seed rate increase more plant population and thus affect the yield.
5	Important Cause:	Damage of seed during pass
6	Production system:	Lentil/Wheat cropping system
7	Micro farming system:	Crop production
8	Technology for Testing:	Farmers Practice (FP) - Fluted roller type TO ₁ – Multi crop planter having inclined plate type seed metering device TO ₂ – Multi crop planter having Cup type seed metering device
9	Existing Practice	Fluted roller type zero tillage used in paddy sowing
10	Hypothesis:	All technology option produce similar yield
11	Objective(s):	To assess the suitable seed metering device in Zero tillage machine
12	Treatments:	Farmers Practice (FP) - Fluted roller type TO ₁ – Multi crop planter having inclined plate type seed metering device TO ₂ – Multi crop planter having Cup type seed metering device
13	Critical Inputs:	Seed and Bispayribag Sodium250ml/ha
14	Unit Size:	1 acre
15	No of Replications:	5
16	Unit Cost:	Rs 2200=00
17	Total Cost:	Rs 2200 X 5=Rs 11000
18	Monitoring Indicator:	Yield attributes, Yield, Economics
19	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	CIAE, Bhopal

OFT – 5

1	Season	Rabi 2019-20
2	Title of the OFT:	Assessment of yield performance of different tillage method of crop establishment in chick pea in late sown condition.
3	Thematic Area:	RCT
4	Problem diagnosed:	Field preparation for cultivation of chick pea takes more time due to high moisture after harvested of paddy
5	Important Cause:	Low production in late sown condition.
6	Production system:	Paddy-Wheat cropping system
7	Micro farming system:	Crop production
8	Technology for Testing:	Farmers Practice - broadcast sowing after ploughing TO ₁ – Sowing through Multi crop zero tillage machine without ploughing TO ₂ – Sowing through seed-cum-fertilizer drill with reduced tillage
9	Existing Practice	broadcast sowing of chick pea after ploughing
10	Hypothesis:	All technology option produce similar yield
11	Objective(s):	To reduce the cost of cultivation and increase yield in late sown condition
12	Treatments:	Farmers Practice - broadcast sowing after ploughing TO ₁ – Sowing through Multi crop zero tillage machine without ploughing TO ₂ – Sowing through seed-cum-fertilizer drill with reduced tillage
13	Critical Inputs:	Seed
14	Unit Size:	1 acre
15	No of Replications:	5
16	Unit Cost:	Rs 2800=00
17	Total Cost:	Rs 2200 X 5=Rs 14000
18	Monitoring Indicator:	Yield attributes, Yield, Economics
19	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	BAU, Sabour

OFT – 6

1	Season	Kharif 2019
2	Title of the OFT:	To assess the suitable varieties of paddy under low land condition of south Bihar
3	Thematic Area:	Varietal evolution
4	Problem diagnosed:	Low yield of MTU-7029 due to high susceptibility and infestation of disease.
5	Important Cause:	Disease problem
6	Production system:	Rice-Wheat
7	Micro farming system:	Crop production
8	Technology for Testing:	Assessing the suitable variety for low land condition
9	Existing Practice	Cultivation of MTU-7029
10	Hypothesis:	All technology option produce similar yield
11	Objective(s):	To assess the suitable variety of paddy for no disease appearance
12	Treatments:	Farmers Practice (FP) – MTU-7029 TO ₁ – Sabour Shree

		TO ₂ – Sabour Sampann
13	Critical Inputs:	Seed, fungicide & insecticide
14	Unit Size:	0.5 ha
15	No of Replications:	5
16	Unit Cost:	Rs 5100=00
17	Total Cost:	Rs 25500=00
18	Monitoring Indicator:	Plant height, panicle length, No. of seeds/panicle, average yield/ha and economics
19	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	BAU, Sabour

OFT – 7

1	Season	Rabi 2019-20
2	Title of the OFT:	To assess the suitable variety of wheat in late shown condition
3	Thematic Area:	Varietal evaluation
4	Problem diagnosed:	Farmers not using suitable variety of late shown wheat hence low yield is realized.
5	Important Cause:	Low yield due to timely sown wheat variety in late sown condition
6	Production system:	Rice-Wheat
7	Micro farming system:	Crop production
8	Technology for Testing:	To assess the suitable variety of wheat under late shown condition
9	Existing Practice	To cultivate HD-2985 wheat variety under late condition
10	Hypothesis:	All technology option produce similar yield
11	Objective(s):	To obtained higher yield in late shown condition
12	Treatments:	Farmers Practice – HD-2985 TO ₁ – HI-1563 TO ₂ – Sabour Shreshtra
13	Critical Inputs:	Seed , fungicide, insecticide etc.
14	Unit Size:	0.25 acre
15	No of Replications:	10
16	Unit Cost:	Rs 2780=00
17	Total Cost:	Rs 27800=00
18	Monitoring Indicator:	Plant height, productive tillers/hill, panicle length, No. of grain/panicle, 1000 grain weight, average yield/ha. Economics
19	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	BAU, Sabour

OFT – 8

1	Season	Kharif 2019
2	Title of the OFT:	Effect of Value addition product of Moonga haemoglobin level of adolescent girls 1 year
3	Thematic Area:	Women and child care
4	Problem diagnosed:	Low level of haemoglobin in adolescent girls. .
5	Important Cause:	Hemoglobin % (gm), body weight (kg)
6	Production system:	General diet of women and child
7	Micro farming system:	Home stead

8	Technology for Testing:	Drum stick pods and leaves powder 2000 mg + one glass lemon juice
9	Existing Practice	Farm women family and general practice
10	Hypothesis:	All technology option produce similar yield
11	Objective(s):	To improve the haemoglobin and body weight in adolescent girls
12	Treatments:	Farmers Practice (FP) –Farm women family and general practice TO ₁ – Iron supplement capsule TO ₂ – Drum stick pods and leaves powder 2000 mg + 1 glass lemon juice
13	Critical Inputs:	Drum stick pods and leaves powder
14	Unit Size:	1
15	No of Replications:	10
16	Unit Cost:	Rs 2675=00
17	Total Cost:	Rs 26750=00
18	Monitoring Indicator:	Haemoglobin % in gm., Body weight (Kg)
19	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	Department of health, Govt. of Gujarat

OFT – 9

1	Season	Rabi 2019-20
2	Title of the OFT:	Effect of different types of casing preparation method for milky white mushroom production
3	Thematic Area:	Mushroom Production
4	Problem diagnosed:	Low production of quality mushroom.
5	Important Cause:	Green spot, Yellow spot and fungus
6	Production system:	Oyster Mushroom
7	Micro farming system:	Mushroom production
8	Technology for Testing:	Mixture of orchard soil and 2 years old cow dung (1:1)
9	Existing Practice	Farm women practice
10	Hypothesis:	All technology option produce similar yield
11	Objective(s):	Income generation for empowerment of rural women
12	Treatments:	Farmers Practice – Farm women practice TO ₁ – Mixture of orchard soil and 2 years old cow dung (1:1) TO ₂ – Mixture of orchard soil and vermin compost (1:1)
13	Critical Inputs:	Spawn, PP Bag, insecticide, pesticide
14	Unit Size:	1 q Compost
15	No of Replications:	20
16	Unit Cost:	Rs 800=00
17	Total Cost:	Rs 16000=00
18	Monitoring Indicator:	No. of days for casing, No. of days for fruiting , Yield and BC Ratio
19	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	NRC Solan

OFT – 10

1	Season	Rabi
2	Title of the OFT:	Effect of micronutrient on strawberry
3	Thematic Area:	INM
4	Problem diagnosed:	Poor Nutrient management
5	Important Cause:	Improper and unbalanced nutrient management
6	Production system:	Paddy - strawberry - chilli
7	Micro farming system:	Irrigated
8	Technology for Testing:	Micro nutrient application
9	Existing Practice:	Use of excess fertilizers
10	Hypothesis:	All technology option produce similar yield
11	Objective(s):	To obtain better quality of fruits
12	Treatments:	Farmers Practice (FP) – Use of excess fertilizers TO ₁ – Use of CaCl ₂ (0.6%) TO ₂ – Use of ZnSO ₄ (0.6%)
13	Critical Inputs:	CaCl ₂ + ZnSO ₄
14	Unit Size:	1 acre
15	No of Replications:	10
16	Unit Cost:	Rs 500=00
17	Total Cost:	Rs 5000=00
18	Monitoring Indicator:	Plant height, Plant spared, No, of flowers per plant, No of fruits per plant, fruits weight, Fruits length, fruits volume, Fruits shelf life(Days), Net profit, BC ratio
19	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	SKUA & T Jammu

OFT – 11

1	Season	Rabi
2	Title of the OFT:	Effect of Weed control in onion
3	Thematic Area:	ICM
4	Problem diagnosed:	Low production in onion due to high incidence of weed.
5	Important Cause:	High infestation of weed
6	Production system:	Paddy-cauliflower-onion
7	Micro farming system:	Irrigated
8	Technology for Testing:	Herbicide combination testing
9	Existing Practice	No use of weedicide
10	Hypothesis:	All technology option produce similar yield
11	Objective(s):	To obtain better yield
12	Treatments:	Farmers Practice – Hand weeding TO ₁ – Use of Oxyflorofen 23.5EC@150 g a.i./ha before planting + Quizalofpethyle 5 EC @ 200 g a.i./ha after 30 DAT TO ₂ – Use of Oxyflorofen 23.5 EC @ 200 g a.i./ha before planting and one hand weeding after 40 days
13	Critical Inputs:	Oxyflorofen 23.5 EC and Quizalofpethyle 5 EC
14	Unit Size:	0.1 ha
15	No of Replications:	10
16	Unit Cost:	Rs 500=00

17	Total Cost:	Rs 5000=00
18	Monitoring Indicator:	Weed population m ² , Yield of bulb, Weight of bulb, Yield and BC Ratio
19	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):	OUAT Odisha

*Repeat the same format for EACH OFT being proposed.

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

Sl. No.	Name of the project	Fund expected (Rs.)
1	NICRA	1000000
2	GKMS	1000000

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

- (a) Enhancing the livelihood by growing chilies
(b) Direct seeded rice in paddy – for future cultivation

12. Scientific Advisory Committee

Date of SAC meeting held during 2018-19	Proposed date during 2019-2020
28-12-2018	02-08-2019

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	600	100	60	50	10	300	80	450	150	600	20	600
Water Samples	40	5	5	5	5	10	10	20	20	40	5	40
Other(Please specify)	0	0	0	0	0	0	0	0	0	0	0	0
Total	640	105	65	55	15	310	90	470	170	640	25	640

14. Fund requirement and expenditure (Rs.)*

Heads	Expenditure (last year) (Rs.) up to 31.03.2019	Expected fund requirement (Rs.)
Pay & Allowances	9347894	11684868
Traveling allowances	179914	224893
HRD	29000	36250
Contingencies	962387	1202984
SCSP	160400	200500
Total	10679595	13349495

* Any additional requirement may be suitably justified.

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

1. HEAT TOLERANT VARIETY HD2985

In Aurangabad district farmers generally used varieties under late condition are i.e. HUW – 234, PBW – 373, PBW – 154, UP – 262, etc. Farmers have no awareness about varieties which are grown in timely and late sown condition. Farmers grown timely sown variety in late sown condition i.e. PBW – 343, PBW – 502, HD – 2733, HD – 2824, NW – 1012 etc resulted poor quality grain due to shrinking. After the introduction of wheat variety HD - 2985 at KVK Aurangabad first time during 2011 – 12 for seed production at KVK and demonstration unit. In the year 2011-12 HD – 2985 performed better against heat and under late sown condition in seed production as well as crop cafeteria. HD 2985 distributed under FLD program during 2012 – 13 in 5 ha area farmers get 30.20 qt/ha average yield however maximum grain yield was recorded 38.50 qt/ha net income gain per ha Rs. 31990.00 (Thirty one thousand nine hundred ninety only) and B:C ratio was recorded with 2.61. Morphological appearance of this variety is very good. Spike length and size of spike is large than traditional variety leaf is pale green color and tillering capacity of this variety is very good. The variety sown better during heat wind blow, during mid of March. After the performance of HD – 2985 during first year second year farmers demands this variety in higher quantity.



2. USE OF HARBICIDE IN PADDY CULTIVATION

Paddy is the major crop of Aurangabad district. It is grown in 167500 ha. High infestation of weed in paddy crop caused low yield and generally manual weeding popularizes between farmers. Farmers uproot the weed after 35 – 45 days. Crop weed competition in paddy crop is 45 – 50 days. This practice causes low yield. After the training conducting the OFT and FLD farmers surprise to reduction in weed population and cost of cultivation as well as increased in yield. After the training of integrated weed management farmers involved with KVK and visit the KVK seed production unit after that they applied the Pretilachlor 1-1.25 ml per hectare and Butachlor 3 liter per hectare and yield increased up to 35% per ha . Now 38% areas under chemical weed control with one manual weeding. Cost of cultivation reduces upto Rs. 4500 per hectare and gross return increase upto Rs. 8950 per hectare.



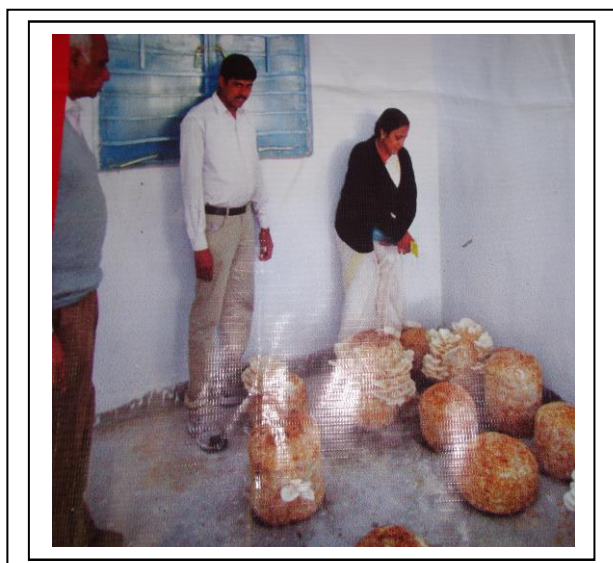
3. SPRINKLER IRRIGATION IN PULSES CROPS

In Aurangabad district no any farmers apply the irrigation in pulses crops. Due to lack of irrigation wilting problems occurs in pulses crops and decrees the yield. Many farmers give the information at KVK, Siris Aurangabad about the dry of plant of lentil and gram. KVK scientists visit the field and found that insufficient moisture in soil. Scientists give the advice to irrigate the lentil and gram through sprinkler system. Next year KVK conducted the training and FLD program on sprinkler irrigation in pulses crops. After use of sprinkler irrigation farmers achieves 60 – 70 % more yield in lentil, causing day to day increasing the pulses area.



4. CULTIVATION OF MUSHROOM

Mushroom cultivation introduce by the KVK Aurangabad district during year 2009 – 10, ten farmers starts the cultivation of Mushroom variety Ouster produced 235 kg. The sales of the Mushroom @ Rs. 100/- per kg during year 2010 – 11 twenty two farmers were also involve in Mushroom cultivation and they produce 975 kg Mushroom and during year 2011 – 12 forty eight farmers involved in Mushroom production and harvest 1676 kg Mushroom per ha and sale out @ Rs. 120/- per kg and the gross income of the farmers was Rs. 201120/- (Two lakhs one thousand one hundred twenty). So the Mushroom production is very much beneficial to the farmers and also improves the live hood and income.



5. Zero tillage for Resource conservation ensuring Wheat production in late sown condition

Aurangabad district situated in southern part of Bihar the major cultivated area under rice-wheat cropping system. In Aurangabad long duration varieties of paddy i.e. MTU7029, Rajendra mansoori-1 etc. grown in larger area. Long duration paddy varieties grown in irrigated as well as rain fed area. This practices causes delay sown of Wheat and resulted low productivity. Krishi Vigyan Kendra, Aurangabad introduced the Wheat cultivation through Zero tillage machine through front line demonstration during 2010-11, before the introduction few farmers used zero tillage in Wheat. At the time of crop stand we have organized the field days and farmers convince this technology. After the use of ZTD machine farmers are save Rupee up to Rs 4000/ha and time save up to 15-20 days, due to high soil moisture farmers ploughed the soil and sun dried this process take long time. In 2011-12 area of ZTD sown Wheat crop was increased upto 2000 ha and 2012-13 area increased up to 10000 ha. At present more than 1000 zero tillage machine available in district. This technique also increased the yield up to 30-35%. Reduction in cost of cultivation with zero till drill machine upto Rs. 3500 per hectare and increase in net income upto Rs. 14250 per hectare and benefit cost ratio increase upto 1.34 to 2.47 over conventional tillage.



6. Zero tillage in Pulses Particularly Lentil in Tal/Low laying area

Paddy – lentil is the second major cropping system of Aurangabad district. Para cropping is dominant practice in Lentil crop. In low laying area (communally known as ahar) Lentil crop sown after depletion of water in the month of last week of October to November. In heavy clay soil large clods form at field preparation. Krishi vigyan Kendra, Aurangabad conduct the FLD on lentil through ZT machine, yield of lentil crop increased up to two times. After that large under canals and low laying area sown by ZTD machine. This technology also facilitate earlier sowing of lentil. Yield of lentil increased up to 15.4 q/ha as compare to 2.5 in conventional methods. Benefit cost ratio also increased up to 4.87. Earlier sowing of crop causes more yield with ZTD machine.



7. Higher Rice Yield through System of Rice Intensification Method (SRI)

System of rice intensification (S.R.I.) method firstly introduced at farmer's field in 2010. However, first it was tested in 2009 at K.V.K. Demonstration Unit. Adoption of this system is very slow but after the performance of this technology at farmer's field, farmers were convinced for this technology due to increase in the yield upto 15 to 40 percent. Now day this technology adopted by small farmers which increased the productivity of paddy. In this system labour consumption is very high but productivity of paddy also increase up to 30 to 35 person. Benefit cost ration of SRI system was 2.57. This technology was suitable for small farmers.