ACTION PLAN

(January-December, 2025)

1. Name of the KVK: Uttar Dinajpur KVK

Address	Telephone	E mail
Uttar Dinajpur Krishi Vigyan Kendra P.O. - Chopra, Dist.-Uttar Dinajpur, West Bengal, Pin-733207	9477013666	udpkvk@gmail.com

2. Name of host organization:

Address	Telephone		E mail
	Office	FAX	
Uttar Banga Krishi Viswavidyalaya Pundibari, Cooch Behar, Pin- 736165	9477013666		deeubkv@gmail.com

3. Training programme to be organized (January 2025 to December 2025)

(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
Agronomy														
Nursery management	Raising Boro Rice nursery with polythene mulch and under poly tunnel	1	1	ON, OFF	January- 02, 2025	5	2	3	1	6	3	14	6	20
Weed management	Weed management in wheat	1	2	ON, OFF	January-07 and 16, 2025	8	5	5	2	13	7	26	14	40
Cultivation of crops	Improved package & practices of Soybean cultivation	1	2	ON, OFF	January-24 and 31, 2025	7	5	4	3	12	9	23	17	40
Cultivation of crops	Improved package & practices of Green gram cultivation	1	1	ON	February-04, 2025	5	2	3	1	8	1	16	4	20
Seed production	Seed production technology of field crops	1	1	ON	February-05, 2025	6	2	4	0	6	2	16	4	20
Integrated Crop Management	Improved package & practices of Maize cultivation.	2	2	ON, OFF	February-11 and 18, 2025	9	4	4	2	13	8	26	14	40
Cultivation of crops	Improved package & practices of Sesamum cultivation.	1	2	ON, OFF	February-25 and 28, 2025	7	3	6	3	12	9	25	15	40
Cultivation of crops	Improved package & practices of Jute cultivation	1	2	ON/OFF	March-5 and 11, 2025	10	4	5	2	11	8	26	14	40
Integrated Farming	Advantages of Integrated Farming System	2	1	ON, OFF	March-17 and 25, 2025	9	5	7	3	12	4	28	12	40
Cultivation of crops	Organic cultivation of Tulaipanji rice	1	2	ON, OFF	April-16 and 19, 2025	7	4	6	2	12	9	25	15	40
Cultivation of crops	Organic cultivation of Kalonunia rice	1	2	ON, OFF	April-23 and 25, 2025	6	4	5	3	14	8	25	15	40
Nursery management	Raising of Healthy rice seedling following improved agro techniques	1	1	ON, OFF	May-07 and 15, 2025	10	3	4	1	12	10	26	14	40

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
Resource Conservation Technologies	Rice cultivation through Rice-Transplanter	2	2	ON, OFF	May-27and 29, 2025 June-03 and 11, 2025	11	5	6	2	12	4	29	11	40
Resource Conservation Technologies	Zero Tillage Rice cultivation	1	1	ON	June-17 and 19, 2025	8	5	4	2	12	9	24	16	40
Resource Conservation Technologies	System of Rice Intensification (SRI)	2	2	ON, OFF	June-24-25, 2025 July-01-02, 2025	10	4	5	3	10	8	25	15	40
Weed Management	Weed Management of Field Crops	1	2	ON, OFF	August-5 and 20, 2025	9	4	5	2	12	8	26	14	40
Fodder production	Improve package and practices of Fodder crops cultivation	1	1	ON	September-03, 2025	5	2	3	1	5	4	13	7	20
Nutrient Management	INM of Maize production	1	1	ON, OFF	September-9, 2025	6	2	3	0	8	1	17	3	20
Resource Conservation Technologies	Zero Tillage Wheat cultivation	1	2	ON, OFF	September-16 and 25, 2025	7	3	12	3	11	4	30	10	40
Cultivation of crops	Package practices of Potato cultivation.	2	2	ON, OFF	November-10-11 , 2025 November-17-18, 2025	10	3	8	2	11	6	29	11	40
Crop Diversification	Improve package and practices of Groundnut cultivation	2	2	ON, OFF	November-25-26, 2025 December-03-04, 2025	8	4	6	3	11	8	25	15	40
Crop Diversification	Advantages of Buckwheat Cultivation	1	1	ON	December-10, 2025	4	2	3	1	7	3	14	6	20
Crop Diversification	Improve package and practices of Sunflower	1	1	ON	December-23, 2025	6	2	3	0	8	1	17	3	20

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
	cultivation													
Total		**29**				**173**	**79**	**114**	**42**	**238**	**134**	**525**	**255**	**780**
HORTICULTURE														
Vegetable – production and management	Management of winter vegetable crops	1	2	OFF	January 10-11, 2025	9	3	4	1	5	3	18	7	25
Vegetable –Off-season vegetables	Improved cultivation technique of late season vegetables	1	2	OFF	February 04-05, 2025	9	3	4	1	5	3	18	7	25
Vegetables-Production and management technology	Techniques of cultivation of Summer vegetables with special reference to cucurbits.	1	2	OFF/ON	Feb 17-18, 2025	5	1	9	4	4	2	18	7	25
Spices- Production and management technology	Scientific management practices of ginger in gunny bag	1	2	OFF	March 25-26, 2025	13	0	5	0	7	0	25	0	25
Vegetables- organic cultivation	Organic vegetable cultivation technique	1	2	OFF	April 9-10, 2025	5	20	0	0	0	0	5	20	25
Off season vegetable	Scientific management practices of off-season vegetables	1	2	OFF	May 06-07, 2025	8	4	5	0	5	3	18	7	25
Resource Conservation Technology	Better space management for higher profitability in horticultural crops.	1	2	ON	May 14-15, 2025	0	0	20	5	0	0	20	5	25
Vegetables-Production of low volume and high value crops	More profit with high value crops	1	2	ON	June 04-05, 2025	8	2	0	0	8	2	16	4	20
Fruits- Plant propagation technique	Different plant propagation technique of fruit plants.	1	2	ON/OFF	June 11-12, 2025	18	7	0	0	0	0	18	7	25
Fruits- Plant propagation	Different plant propagation technique of fruit plants.	1	2	ON/OFF	July 03-04, 2025	18	7	0	0	0	0	18	7	25

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
technique														
Plantation Crops- Production & management technology	Scientific management of coconut and areca nut	1	2	OFF	July 17-18, 2025	7	3	3	2	7	3	17	8	25
Vegetables- Nursery raising	Proper preparation of seedbed for raising healthy seedlings.	2	2	ON/OFF	Aug. 05-06, 2025& Aug 12-13 , 2025	8	5	19	6	10	2	37	13	50
Vegetable- Export potential vegetables	Cultivation of non-conventional winter vegetable	1	2	ON	Sept 11-12, 2025	8	3	3	0	9	2	20	5	25
Vegetables- Production and management technology	Winter vegetable cultivation	1	2	OFF	Sept 18-19, 2025	9	4	0	0	8	4	17	8	25
Fruits- Exotic fruit Cultivation	Cultivation of non-conventional fruits	1	2	ON	Oct 14-15, 2025	9	3	3	1	6	3	18	7	25
Micro nutrient deficiency in crops	Micronutrient & Physiological disorder of vegetables	1	2	ON	Oct 22-23, 2025	8	6	3	0	5	3	16	9	25
Vegetable- Production and management technology	Scientific crop management techniques of chilli	1	2	ON/OFF	Nov 11-12, 2025	8	3	3	0	9	2	20	5	25
Fruits – Managements of orchard	Scientific Management practices of mango and litchi orchard	1	2	OFF	Nov 18-19, 2025	18	7	0	0	0	0	18	7	25
Spices- Production and management technology	Importance of spices in better livelihood management	1	2	OFF	Dec 08-09, 2025	10	2	0	0	10	3	20	5	25
Micro nutrient deficiency in crops	Micro nutrient managements of vegetables	1	2	ON	Dec 17-18, 2025	8	6	3	0	5	3	16	9	25
		21				**186**	**89**	**84**	**20**	**103**	**38**	**373**	**147**	**520**
Plant Protection														
IPM	IPM of Maize.	1	2	ON	January 16-17, 2025	10	0	0	0	10	0	20	0	20

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
IPM	IPM of Maize Fall Army warm.	1	2	ON	February 20-21, 2025	10	0	0	0	10	0	20	0	20
Natural farming	Pest management of summer vegetables through Natural Farming	1	2	OFF	February 25-26, 2025	10	5	0	0	10	0	20	5	25
IPM	IPM of fruit crops with special reference to Mealy bug.	1	2	ON	March 24-25, 2025	10	0	0	0	10	0	20	0	20
IPM	Pest management of fruit crops specially mango, banana etc.	1	2	OFF	April 09-10, 2025	10	0	0	0	10	0	20	0	20
IDM	Disease management of jute	1	2	ON	April 22-23, 2025	10	0	0	0	10	0	20	0	20
Seed Treatment & Natural farming	Techniques of seed treatment of different crops through Chemical and Natural farming **(Beejamrit) methods**	1	2	OFF	May 20-21, 2025	10	0	0	0	10	0	20	0	20
Natural farming	Cultivation of Paddy through Natural Farming	1	2	ON	May 28-29,2025	10	5	0	0	5	0	15	5	20
IPM	Techniques of Integrated Pest Management of *kharif* rice.	1	2	ON	June 17-18,2025	15	5	0	0	10	0	25	5	30
Bio-control of Pest & Diseases	Use of bio pesticide for disease management	1	2	OFF	July 08-09, 2025	10	0	0	0	10	0	20	0	20
Pesticide handling	Handling and care of pesticide.	1	2	OFF	August12-13, 2025	10	0	0	0	10	0	20	0	20
IPM	IPM of Brinjal fruit and shoot borer (Through Pheromone Trap & Neem based pesticides)	1	2	OFF	August 26-27, 2025	5	0	0	0	20	10	25	10	35
Natural farming	Cultivation of Winter vegetables through Natural Farming	1	2	OFF	September 10-11, 2025	15	0	0	0	5	0	20	0	20

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
Pesticides Compatibility	Compatibility of pesticides (Between pesticides & Micronutrient)	1	2	ON	September 16-17, 2025	10	0	0	0	10	0	20	0	20
IPM	Integrated Pest Management of Mustard.	2	2	OFF/ON	September 23-24, 2025 & October 28-29, 2025	15	5	5	0	15	0	35	5	40
IDM	Integrated Disease Management of potato	1	2	ON	November 11-12. 2025	10	0	0	0	10	0	20	0	20
Natural Farming	Cultivation of Winter vegetables through Natural Farming	1	2	OFF	November 25-26 2025	10	5	0	0	10	5	20	10	30
IDM	Disease management of winter vegetables (Cole crops)	1	2	OFF	December 09-10, 2025	10	0	0	0	10	0	20	0	20
IPM	Integrated Pest Management of Boro paddy.	1	2	OFF	December 17-18, 2025	10	0	0	0	10	0	20	0	20
Total		**20**				**200**	**25**	**5**	**0**	**195**	**15**	**400**	**40**	**440**
Home Sc.														
Designing and development for high nutrient efficient diet	Methods of enhancing nutrient efficiency of food using nutri cereals	01	03	ON/OFF	15/1/2025-17/1/2025	0	10	0	5	0	10	0	25	25
Production of organic inputs	Value added Enriched Bio-active Vermicompost production technology	02	03	ON	05/02/2025 to 07/02/2025 &22/2/2025to 24/02/2025	05	05	02	03	05	05	12	13	25
Income generation activities for empowerment of rural folk	Improved package of practices for Mushroom cultivation	01	03	ON	25/2/2025 to 27/2/2025	4	08	2	2	4	5	10	15	25
Processing and value addition	Improved package of practices for turmeric	01	03	ON	10/3/2025 to 12/3/2025	0	08	0	02	0	10	0	20	20

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
	processing and its packaging													
Household nutritional security	Planning, establishing and management of nutritional garden	01	03	ON	21/4/25 to 23/4/25	0	08	0	02	0	10	0	20	20
Value addition	Hands on training on Value added products from Jackfruit	02	03	ON	5/5/25 to 7/5/25 and 16/6/25 to 18/6/25	0	10	0	05	0	10	0	25	25
Income generation activities for empowerment of rural Women	Improved package of practices for Mushroom cultivation	01	03	ON	11/6/25 to 13/6/25	4	08	2	2	4	5	10	15	25
Women and child care	Preparation of low cost weaning foods with special reference to millets	01	03	OFF	22/7/25 to 24/7/25	0	10	0	05	0	05	0	20	20
Animal health	Improved practices of azolla cultivation for animal feed.	01	03	OFF	4/8/25 to 7/8/25	0	10	0	04	0	6	0	20	20
Production of organic inputs	Enriched Bio-active Vermicompost production technology	01	03	ON	18/8/25 to 20/8/25 and	03	10	01	04	02	05	06	19	25
Women and child care	Awareness training on micro nutrient deficiency disorders in farm families with special reference to millet based diet	02	03	ON/OFF	4/8/25 to 6/8/25 and 1/9/25 to 4/9/25	0	18	0	10	0	12	0	40	40
Minimization of nutrient loss in processing	Training on practices for reducing nutrient losses during processing of fruits and vegetables	01	03	ON/OFF	8/9/25 to 10/9/25	0	10	0	10	0	0	5	0	25
Women and child	popularization of nutri-cereals	01	03	ON	14/10/25-	0	9	0	5	0	6	0	20	20

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
care	among farmwomen				16/10/25									
Location specific drudgery reduction technologies	Improved Agricultural implements with special reference to women friendly tools.	01	03	ON/OFF	3/11/25 to 6/11/25	0	10	0	5	0	10	0	25	25
Total		**17**				**16**	**134**	**7**	**64**	**15**	**99**	**43**	**277**	**340**
Fishery Science														
Monosex culture	Monosex culture of Tilapia	1	3	ON	Jan 15-17, 2025	15	0	0	0	5	0	20	0	20
Indigenous fish culture	Culture practices of Raikhar Bata (*C. reba*)	1	3	OFF	Feb 18-20,2025	10	0	0	0	10	0	20	0	20
Judicious use of aqua chemicals	Judicious use of chemicals in fish culture pond	1	3	OFF	Mar 19-21, 2025	15	0	0	0	5	0	20	0	20
Indigenous fish culture	Culture practices of Mourala (*A. mola*)	1	3	ON/OFF	Apr 22-24,2025	15	0	0	0	5	0	20	0	20
Preparation of aquaculture pond	Preparation and water quality management of fish culture Pond	2	3	ON/OFF	April 28-30, 2025 & May 20-22, 2025	30	0	0	0	10	0	40	0	40
Composite Fish Culture	Grow out carp culture	2	3	ON/OFF	May 27-29, 2025 & June 10-12, 2025	25	0	0	0	15	0	40	0	40
Integrated Fish Farming	Integrated Fish-cum-Duck-cum-Vegetables cultivation	2	3	ON/OFF	July 15-17, 2025 & August 5-7, 2025	25	5	0	0	10	0	35	5	40
Air breathing Fish Culture	Effective utilization of seasonal water body through air breathing fish culture.	2	3	OFF	July 22-24, 2025 & Sept 9-11, 2025	30	0	0	0	10	0	40	0	40
Culture of commercially important indigenous fishes	Culture practices of Pabda	1	3	OFF	Oct 28-30, 2025	12	0	0	0	8	0	20	0	20
Fish Disease	Common fish diseases and	2	3	ON/OFF	Nov 11-13, 2025&	30	0	0	0	10	0	40	0	40

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
	their control				Dec 16-18, 2025									
Total		**15**				**207**	**5**	**0**	**0**	**88**	**0**	**295**	**5**	**300**
Animal Science														
Goat farming	Scientific Goat farming	1	2	ON/OFF	Feb 19-20,2025	5	5	2	2	3	3	10	10	20
Poultry management	Scientific poultry farming	1	2	ON/OFF	Feb 27-28,2025	5	5	2	2	3	3	10	10	20
Disease management	Scientific prevention of diseases in livestock	1	2	ON/OFF	March 6-7,2025	10	05	0	0	10	05	20	10	30
Pig farming	Scientific pig rearing	1	1	ON/ OFF	April 11 , 2025	0	0	10	10	0	0	10	10	20
Goat farming	Scientific Goat farming	1	2	ON/OFF	April 22-23, 2025	5	5	2	2	3	3	10	10	20
Feed Management	Feeding and Fodder management of livestock	1	2	ON/OFF	April 29-30,2025	5	5	0	0	10	0	15	5	20
Goat farming	Scientific Goat farming	1	2	ON/OFF	May 14-15,2025	5	5	2	2	3	3	10	10	20
Poultry management	Scientific poultry farming	1	3	ON/ OFF	May 20-22,2025	7	8	0	0	05	0	12	08	20
Disease management	Parasitic infestations and their management in livestock	1	1	ON/ OFF	May 27,2025	10	05	0	0	10	05	20	10	30
Quail Farming	Scientific Quail farming	1	1	ON/ OFF	May 30,2025	5	10	0	0	0	5	5	15	20
Dairy management	Scientific dairy farming	1	3	ON/ OFF	June 3-5,2025	5	5	0	0	5	5	10	10	20
Production of quality animal products	Clean milk production	1	1	ON /OFF	June 10,2025	5	5	0	0	5	5	10	10	20
Goat farming	Scientific Goat farming	1	2	ON/OFF	June 16-17,2025	5	5	2	2	3	3	10	10	20
Pig farming	Scientific pig rearing	1	1	ON/ OFF	June 23,2025	0	0	10	10	0	00	10	10	20
Quail Farming	Scientific Quail farming	1	1	ON/ OFF	June 30,2025	5	10	0	0	0	5	5	15	20
Feed Management	Feeding and Fodder	1	2	ON/	July 3-4,2025	5	5	0	0	10	0	15	5	20

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
	management of livestock			OFF										
Poultry management	Scientific poultry farming	1	3	ON/OFF	July 9-11,2025	5	5	2	2	3	3	10	10	20
Goat farming	Scientific Goat farming	1	2	ON/OFF	July 17-18,2025	5	5	2	2	3	3	10	10	20
Quail Farming	Scientific Quail farming	1	1	ON/ OFF	July 23,2025	5	10	0	0	0	5	5	15	20
Pig farming	Scientific pig rearing	1	2	ON/ OFF	Aug 6-7,2025	0	0	10	10	0	0	10	10	20
Dairy management	Scientific dairy farming	1	3	ON/ OFF	Aug 27-29,2025	5	5	2	2	3	3	10	10	20
Poultry management	Scientific poultry farming	1	3	ON/OFF	Sept 8-9,2025	5	5	2	2	3	3	10	10	20
Quail Farming	Scientific Quail farming	1	1	ON/ OFF	Sept 24,2025	5	10	0	0	0	5	5	15	20
	Total	**23**				**112**	**123**	**48**	**48**	**82**	**67**	**242**	**238**	**480**
Grand Total		**125**				**894**	**455**	**258**	**174**	**721**	**353**	**1878**	**962**	**2860**

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
Agronomy														
Integrated farming	Income and Employment generation through Integrated Farming System	1	5	ON	May-26-30, 2025	6	2	2	1	6	3	14	6	20
Seed Production	Quality seed production of field Crops (Cereals, Pulse and Oilseed)	1	5	ON	April-21-26, 2025	6	2	4	0	6	2	16	4	20
Crop Cultivation and Value-added products	Soybean, Groundnut and Buckwheat	1	5	ON	November-10-14,2025	4	2	3	5	3	3	10	10	20
Total		**3**				**16**	**6**	**9**	**2**	**19**	**8**	**44**	**16**	**60**
Horticulture														
Protected cultivation vegetable crops	Production technology for off season vegetables	1	5	ON	April 21-25, 2025	8	1	1	0	8	2	17	3	20
Planting material production	Planting material production and nursery management	1	5	ON	June 16-20, 2025	7	1	4	0	7	1	18	2	20
Value addition (Small scale processing)	Production technology of processed and value added pineapple product	1	5	ON	July 21-25, 2025	3	3	0	7	9	3	12	13	25
Total		**3**				**18**	**5**	**5**	**7**	**24**	**6**	**47**	**18**	**65**
Plant Protection														
Bee-keeping	Rearing and production technology of Honey-bee	1	5	ON	March 10-13. 2025	6	6	0	0	4	4	10	10	20
Total		**1**				**6**	**6**	**0**	**0**	**4**	**4**	**10**	**10**	**20**
Home Sc.														
Household nutritional security	Package and practice for mushroom cultivation and its value addition.	01	08	ON	21/7/25 To 29/7/25	0	08	0	04	0	08	0	20	20

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
Value addition	Hands on training on Jute craft.	01	10	ON	4/06/25 to 14/06/25	02	08	0	04	03	08	05	20	25
Organic input production	Package and practice for Enriched vermicompost production as entrepreneurial activity by SHGs and FCs.	01	05	ON	22/9/25 to 27/9/25	0	12	0	05	0	08	0	25	25
Income Generation Activity	Hands on Training on value added products from mushrooms	01	05	ON	24/11/2025 to 28/11/2025	0	10	0	07	0	08	0	25	25
Total		**04**				**02**	**38**	**00**	**20**	**3**	**32**	**05**	**90**	**95**
Fishery Sc.														
Carp Rearing	Fish fingerlings production	01	05	ON	June 16-20, 2025	10	0	0	0	5	0	15	0	15
Fish breeding and fish rearing management	Breeding and culture practices of different commercially important fin fish & cat fishes	01	05	ON	July 7-11, 2025	10	0	0	0	10	0	20	0	20
Total		**2**				**20**	**0**	**0**	**0**	**15**	**0**	**35**	**0**	**35**
Animal Science														
Entrepreneurship development	Scientific sheep & goat rearing	1	5	ON	Oct 13-17,2025	05	05	00	00	05	05	10	10	20
Production & Management	Commercial poultry farming and hands on training on hatchery management	1	5	ON	Nov 10-14, 2025	05	05	00	00	05	05	10	10	20
Total		**2**				**16**	**06**	**04**	**00**	**10**	**04**	**30**	**10**	**40**
Grand Total		**15**				**78**	**61**	**18**	**29**	**75**	**54**	**171**	**144**	**315**

(b) Extension functionaries

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
Agronomy														
Capacity building for ICT application	Use of ICT in Agriculture	1	3	ON	December-15-16, 2025	8	4	5	2	15	6	28	12	40
Productivity enhancement in field crops	Modern technology in Agriculture for Crop production	1	2	ON	July-29-30, 2025	7	5	4	3	12	9	23	17	40
Weather forecast	Importance of Weather forecast and Agro-advisory	1	2	ON	August-20-21,2025	10	5	6	3	12	4	28	12	40
Total		**3**				**25**	**14**	**15**	**8**	**39**	**19**	**79**	**41**	**120**
HORTICULTURE														
Protected cultivation technology	**Production and Management of off-season vegetables under protected condition. (For *Krishi Prayukti Sahayaks and Technology agents of ATMA*)**	**1**	**3**	**ON**	**September 24-26, 2025**	**10**	**0**	**2**	**0**	**8**	**0**	**20**	**0**	**20**
Total		**1**				**10**	**0**	**2**	**0**	**8**	**0**	**20**	**0**	**20**
Plant Protection														
Integrated Pest Management	Recent trends and strategies of pest management	1	3	ON	June, 2025	12	0	0	0	8	0	20	0	20
Integrated Pest Management	Proper diagnose & recommendation of pest problem	1	3	ON	August, 2025	10	0	0	0	10	0	20	0	20
Total		**2**				**22**	**0**	**0**	**0**	**18**	**0**	**40**	**0**	**40**
Home Sc.														
Women and Child care	Training of ICDS supervisors on low cost food supplements for children	01	03	ON	27/8/25 to 29/8/25	0	06	0	03	0	06	0	15	15
Leadership development	Training programme for Self Help Group leaders	02	02	ON	26/5/25 -27/5/25	0	16	0	16	0	08	0	40	40

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
					and 17/7 -18/7 /25									
Household nutritional security	Nutri cereals and their importance in our diet.	02	02	OFF	24-25/10/25&3-4/10/25	0	19	0	18	0	13	0	50	50
Total		**5**				**0**	**41**	**0**	**37**	**0**	**27**	**0**	**105**	**105**
Fishery Sc.														
Water quality management	Training of FFA or other extension functionaries on Important water quality parameters in aquaculture	1	3	ON	Aug, 2025	5	0	0	0	5	0	10	0	10
Total		**1**				**5**	**0**	**0**	**0**	**5**	**0**	**10**	**0**	**10**
Animal Science														
Advanced animal care and farm management	Training of pranibandhu, pranimitra or others extension functionaries on advanced animal care & farm management	1	3	ON	Dec 9-11,2025	05	05	02	01	05	02	12	08	20
Total		**1**				**05**	**05**	**02**	**01**	**05**	**02**	**12**	**08**	**20**
GRAND TOTAL		**13**		**0**	**0**	**67**	**60**	**19**	**46**	**75**	**48**	**161**	**154**	**315**

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

Farmers and Farm women:

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Nursery management	1	5	2	7	3	1	4	6	3	9	14	6	20
Weed management	1	8	5	13	5	2	7	13	7	20	26	14	40
Cultivation of crops	1	7	5	12	4	3	7	12	9	21	23	17	40
Cultivation of crops	1	5	2	7	3	1	4	8	1	9	16	4	20
Seed production	1	6	2	8	4	0	4	6	2	8	16	4	20
Integrated Crop Management	2	9	4	13	4	2	6	13	8	21	26	14	40
Cultivation of crops	1	7	3	10	6	3	9	12	9	21	25	15	40
Cultivation of crops	1	10	4	14	5	2	7	11	8	19	26	14	40
Integrated Farming	2	9	5	14	7	3	10	12	4	16	28	12	40
Cultivation of crops	1	7	4	11	6	2	8	12	9	21	25	15	40
Cultivation of crops	1	6	4	10	5	3	8	14	8	22	25	15	40
Nursery management	1	10	3	13	4	1	5	12	10	22	26	14	40
Resource Conservation Technologies	2	11	5	16	6	2	8	12	4	16	29	11	40
Resource Conservation Technologies	1	8	5	13	4	2	6	12	9	21	24	16	40
Resource Conservation Technologies	2	10	4	14	5	3	8	10	8	18	25	15	40
Weed Management	1	9	4	13	5	2	7	12	8	20	26	14	40
Fodder production	1	5	2	7	3	1	4	5	4	9	13	7	20
Nutrient Management	1	6	2	8	3	0	3	8	1	9	17	3	20
Resource Conservation Technologies	1	7	3	10	12	3	15	11	4	15	30	10	40
Cultivation of	2	10	3	13	8	2	10	11	6	17	29	11	40

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
crops													
Crop Diversification	2	8	4	12	6	3	9	11	8	19	25	15	40
Crop Diversification	1	4	2	6	3	1	4	7	3	10	14	6	20
Crop Diversification	1	6	2	8	3	0	3	8	1	9	17	3	20
Total	**29**	**173**	**79**	**252**	**114**	**42**	**156**	**238**	**134**	**372**	**525**	**255**	**780**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops	01	8	2	10	0	0	0	8	2	10	16	4	20
Off-season vegetables	02	17	7	24	9	1	10	10	6	16	36	14	50
Nursery raising	02	8	5	13	19	6	25	10	2	12	37	13	50
Exotic vegetables like Broccoli													
Export potential vegetables	01	8	3	11	3	0	3	9	2	11	20	5	25
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any													
Cultivation of Vegetable	04	31	11	42	16	5	21	26	11	37	73	27	100
Organic cultivation	01	5	20	25	0	0	0	0	0	0	5	20	25
Micro nutrient management	02	16	12	28	6	0	6	10	6	16	32	18	50
TOTAL	**13**	**93**	**60**	**153**	**53**	**12**	**65**	**73**	**29**	**102**	**219**	**101**	**320**
b) Fruits													
Training and													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Pruning													
Layout and Management of Orchards	01	9	3	12	4	1	5	5	3	8	18	7	25
Management of young plants/orchards	01	18	7	25	0	0	0	0	0	0	18	7	25
Rejuvenation of old orchards													
Export potential fruits	01	10	4	14	0	0	0	8	3	11	18	7	25
Micro irrigation systems of orchards													
Plant propagation techniques	02	36	14	50	0	0	0	0	0	0	36	14	50
Others, if any													
Exotic fruit cultivation	01	9	3	12	3	1	4	6	3	9	18	7	25
Resource Conservation Technology	01	0	0	0	20	5	25	0	0	0	20	5	25
TOTAL	**7**	**82**	**31**	**113**	**27**	**7**	**34**	**19**	**9**	**28**	**128**	**47**	**175**
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
Production and Management technology													
TOTAL													
d) Plantation crops													
Production and Management technology	01	7	3	10	3	2	5	7	3	10	17	8	25
Processing and													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
value addition													
Others, if any													
Space management / Resource conservation technology													
TOTAL	**01**	**7**	**3**	**10**	**3**	**2**	**5**	**7**	**3**	**10**	**17**	**8**	**25**
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology	02	23	2	25	5	0	5	17	3	20	45	5	50
Processing and value addition													
Others, if any													
TOTAL	**02**	**23**	**2**	**25**	**5**	**0**	**5**	**17**	**3**	**20**	**45**	**5**	**50**
Grand Total (a to f)	**23**	**205**	**96**	**301**	**88**	**21**	**109**	**116**	**44**	**160**	**409**	**161**	**570**
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management	2	**10**	**10**	**20**	**2**	**2**	**4**	**8**	**8**	**16**	**20**	**20**	**40**
Poultry Management	4	**20**	**10**	**30**	**0**	**0**	**0**	**20**	**10**	**30**	**40**	**20**	**60**
Piggery Management	3	**0**	**0**	**0**	**30**	**30**	**60**	**0**	**0**	**0**	**30**	**30**	**60**
Rabbit Management													
Disease Management	2	**22**	**23**	**45**	**6**	**6**	**12**	**14**	**9**	**23**	**42**	**38**	**80**
Feed management	2	**10**	**10**	**20**	**0**	**0**	**0**	**20**	**0**	**20**	**30**	**10**	**40**
Production of quality animal products	1	**5**	**5**	**10**	**0**	**0**	**0**	**5**	**5**	**10**	**10**	**10**	**20**
Others, if any (Goat farming)	5	**25**	**25**	**50**	**10**	**10**	**20**	**15**	**15**	**30**	**50**	**50**	**100**
Quail Farming	4	**20**	**40**	**60**	**0**	**0**	**0**	**0**	**20**	**20**	**20**	**60**	**80**
TOTAL	**23**	**112**	**123**	**235**	**48**	**48**	**96**	**82**	**67**	**149**	**242**	**238**	**480**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	0	8	8	0	2	2	0	10	10	0	20	20
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	1	0	10	10	0	5	5	0	10	10	0	25	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Minimization of nutrient loss in processing	1	0	10	10	0	10	10	0	5	5	5	20	25
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	2	0	16	16	0	24	24	0	0	0	0	40	40
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	10	10	0	10	10	0	0	0	0	20	20
Income generation activities for empowerment of rural Women	2	0	12	12	0	8	8	0	20	20	0	40	40
Location specific drudgery reduction technologies	2	0	12	12	0	18	18	0	10	10	0	40	40
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	2	0	12	12	0	18	18	0	10	10	0	40	40
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
Cattle health and milk production	2	0	12	12	0	20	20	0	8	8	0	40	40
Women and childcare	2	0	5	5	0	10	10	0	5	5	0	40	40
Production of organic inputs	1	0	10	10	0	20	20	0	10	10	0	20	20
Cattle health	2	0	8	8	0	22	22	0	10	10	0	40	40
Production of organic inputs	1	0	10	10	0	20	20	0	10	10	0	20	20
Household food security by kitchen gardening and nutrition gardening	1	0	10	10	0	8	8	0	2	2	0	20	20
TOTAL	**21**	**0**	**145**	**145**	**0**	**195**	**195**	**0**	**110**	**110**	**5**	**425**	**430**
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
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	9	85	10	95	5	0	5	95	10	105	185	20	205
Integrated Disease Management	3	30	0	30	0	0	0	30	0	30	60	0	60
Bio-control of pests and diseases	1	10	0	10	0	0	0	10	0	10	20	0	20
Production of bio control agents and bio pesticides													
Others, if any													
Pesticide handling	1	10	0	10	0	0	0	10	0	10	20	0	20
Pesticides Compatibility	1	10	0	10	0	0	0	10	0	10	20	0	20
Natural Farming	5	55	15	70	0	0	0	40	5	45	95	20	115
TOTAL	**20**	**200**	**25**	**225**	**5**	**0**	**5**	**195**	**15**	**210**	**400**	**40**	**440**
VIII. Fisheries													
Monosex culture of Tilapia	1	15	0	15	0	0	0	5	0	5	20	0	20
Judicious use of aqua chemicals	1	15	0	15	0	0	0	5	0	5	20	0	20
Indigenous fish culture	2	25	0	25	0	0	0	15	0	15	40	0	40
Preparation of aquaculture pond	2	30	0	30	0	0	0	10	0	10	40	0	40
Composite fish culture	2	25	0	25	0	0	0	15	0	15	40	0	40
Integrated fish farming	2	25	5	30	0	0	0	10	0	10	35	5	40
Air breathing Fish Culture	2	30	0	30	0	0	0	10	0	10	40	0	40
Culture of Pabda	1	12	0	12	0	0	0	8	0	8	20	0	20
Fish disease & control	2	30	0	30	0	0	0	10	0	10	40	0	40
Total	**15**	**207**	**5**	**212**	**0**	**0**	**0**	**88**	**0**	**88**	**295**	**5**	**300**
IX. Production of Inputs at site													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
Grand Total	**131**	**897**	**473**	**1370**	**255**	**306**	**561**	**719**	**370**	**1089**	**1876**	**1124**	**3000**

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
Practicing Farmers'													
Agronomy	**29**	**173**	**79**	**252**	**114**	**42**	**156**	**238**	**134**	**372**	**525**	**255**	**780**
Horticulture	**23**	**205**	**96**	**301**	**88**	**21**	**109**	**116**	**44**	**160**	**409**	**161**	**570**
Plant Protection	**20**	**200**	**25**	**225**	**5**	**0**	**5**	**195**	**15**	**210**	**400**	**40**	**440**
Home Science	**21**	**0**	**145**	**145**	**0**	**195**	**195**	**0**	**110**	**110**	**5**	**425**	**430**
Fishery Science	**15**	**207**	**5**	**212**	**0**	**0**	**0**	**88**	**0**	**88**	**295**	**5**	**300**
Animal Science	**23**	**112**	**123**	**235**	**48**	**48**	**96**	**82**	**67**	**149**	**242**	**238**	**480**
Total	**131**	**897**	**473**	**1370**	**255**	**306**	**561**	**719**	**370**	**1089**	**1876**	**1124**	**3000**

Rural youth

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		SC			ST			Other					
		M	F	T	M	F	T	M	F	T	M	F	T
Agronomy													
Integrated farming	1	6	2	8	2	1	3	6	3	9	14	6	20
Seed Production	1	6	2	8	4	0	4	6	2	8	16	4	20
Crop Cultivation and Value-added products	1	4	2	6	3	5	8	3	3	6	10	10	20
Total	**3**	**16**	**6**	**22**	**9**	**6**	**15**	**15**	**8**	**23**	**40**	**20**	**60**
Horticulture													
Protected cultivation of vegetable crops	01	8	1	9	1	0	1	8	2	10	17	3	20
Planting material production	01	7	1	8	4	0	4	7	1	8	18	2	20
Small scale processing	01	3	3	6	0	7	7	9	3	12	12	13	25
Total	**3**	**18**	**5**	**23**	**5**	**7**	**12**	**24**	**6**	**30**	**47**	**18**	**65**
Plant Protection													
Bee-keeping	**1**	**6**	**6**	**12**	**0**	**0**	**0**	**4**	**4**	**8**	**10**	**10**	**20**
Home Science													
Household nutritional security	1	0	8	8	0	4	4	0	8	8	0	20	20
Value addition	1	2	8	10	0	4	4	3	8	11	5	20	25
Organic input production	1	0	12	12	0	5	5	0	8	8	0	25	25
Income Generation Activity	1	0	10	10	0	7	7	0	8	8	0	25	25
Total	**4**	**2**	**38**	**40**	**0**	**20**	**20**	**3**	**32**	**35**	**5**	**90**	**95**
Fishery Science													
Carp Rearing	1	10	0	10	0	0	0	5	0	5	15	0	15
Fish breeding and fish rearing management	1	10	0	10	0	0	0	10	0	10	20	0	20
Total	2	20	0	20	0	0	0	15	0	15	35	0	35
Animal Science													
Entrepreneurship development(Sheep and goat rearing)	1	05	05	10	0	0	0	05	05	10	10	10	20
Production & Management(Poultry production)	1	05	05	10	0	0	0	05	05	10	10	10	20
Quail farming													
Piggery													
Rabbit farming													
Ornamental fisheries													

Para vets													
Para extension workers													
TOTAL	**2**	**10**	**10**	**20**	**0**	**0**	**0**	**10**	**10**	**20**	**20**	**20**	**40**

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**
Rural Youth:													
Agronomy	**3**	**16**	**6**	**22**	**9**	**6**	**15**	**15**	**8**	**23**	**40**	**20**	**60**
Horticulture	**3**	**18**	**5**	**23**	**5**	**7**	**12**	**24**	**6**	**30**	**47**	**18**	**65**
Plant Protection	**1**	**6**	**6**	**12**	**0**	**0**	**0**	**4**	**4**	**8**	**10**	**10**	**20**
Home Science	**4**	**2**	**38**	**40**	**0**	**20**	**20**	**3**	**32**	**35**	**5**	**90**	**95**
Fishery Science	2	20	0	20	0	0	0	15	0	15	35	0	35
Animal Science	**2**	**10**	**10**	**20**	**0**	**0**	**0**	**10**	**10**	**20**	**20**	**20**	**40**
Total	**15**	**72**	**65**	**137**	**14**	**33**	**47**	**71**	**60**	**131**	**157**	**158**	**315**

Extension functionaries:

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
Agronomy														
Capacity building for ICT application		1	8	4	12	5	2	7	15	6	21	28	12	40
Productivity enhancement in field crops		1	7	5	12	4	3	7	12	9	21	23	17	40
Weather forecast		1	10	5	15	6	3	9	12	4	16	28	12	40
Total		**3**	**25**	**14**	**39**	**15**	**8**	**23**	**39**	**19**	**58**	**79**	**41**	**120**
Horticulture														
Protected cultivation technology	Production and Management of off-season vegetables under protected condition. (For *Krishi Prayukti Sahayaks and Technology agents of ATMA*)	**1**		ON	September 20-22, 2025	10	0	2	0	8	0	20	0	20
Total		**1**				10	0	2	0	8	0	20	0	20
Plant Protection														
Integrated Pest Management	Recent trends and strategies of pest management	2		ON	May, 2025	**22**	**0**	**0**	**0**	**18**	**0**	**40**	**0**	**40**
Total		**2**				**22**	**0**	**0**	**0**	**18**	**0**	**40**	**0**	**40**
Home Science														
Women and Child care	Training of ICDS supervisors	01	03	On	28/8/24 to 30/8/24	0	06	0	03	0	06	0	15	15

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
	on low cost food supplements for children													
Leadership development	Training programme for Self Help Group leaders	02	02	On	25/5/24 -26/5/24 and 17/7 - 18/7 /24	0	16	0	16	0	08	0	40	40
Household nutritional security	Nutricereals and their importance in our diet.	02	02	Off	30/10/24- 31/10/24 and 2/3/24-3-3-24	0	19	0	18	0	13	0	50	50
Total		**5**	**7**			**0**	**41**	**0**	**37**	**0**	**27**	**0**	**105**	**105**
Fishery Science														
Water quality management	Training of FFA or other extension functionaries on Important water quality parameters in aquaculture	1	3	ON	Aug, 2025	5	0	0	0	5	0	10	0	10
Total		**1**	**3**			**5**	**0**	**0**	**0**	**5**	**0**	**10**	**0**	**10**
Animal Science														
Advanced animal care and farm management		1				05	05	02	01	05	02	12	08	20
Management in farm animals														
Livestock feed and fodder production														
TOTAL		**1**				**05**	**05**	**02**	**01**	**05**	**02**	**12**	**08**	**20**

4. Frontline demonstration to be conducted*

a) Agronomy

1.

Crop: Green manuring of rice
Thrust Area: Integrated Nutrient Management
Thematic Area: rice varietal replacement
Season: *Kharif*, 2025
Farming Situation: **Rainfed, Medium to low land, Sandy clay-loam**

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	Rice, Sahabhagi, MTU-1010, Pratiksha, Swarna Sub-I	10ha/ 50 Nos.	rice varietal replacement	Crop growth and Yield	Rice and Dhaincha-seed	4000/ha (Total 40000/-)	5000/ ha	10	2	3	0	10	5	23	7	30

2.

Crop: Mustard
Thrust Area: Crop Diversification
Thematic Area: **varietal replacement**
Season: Rabi, 2025
Farming Situation: Irrigated, Medium land, Sandy clay-loam

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	NRCYS 0502	10.0 ha/ 30 Nos.	Introduction new cultivers	Crop growth and Yield	Seed and seed treatment chemical	2,000/ ha (Total 20,000)	3000 /ha	10	0	5	0	15	0	30	0	30

3.

Crop: Tulaipanji rice
Thrust Area: Integrated Nutrient Management
Thematic Area: Organic manure
Season: *Kharif*, 2025
Farming Situation: **Rainfed, Medium land, Sandy clay-loam**

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	Tulaipanji	3.0ha/ 30 Nos.	Organic manure in Tulaipanji rice	Crop growth and Yield	Tulaipanji rice	8000/ha (Total 24000/-)	5500/ha	10	2	5	2	10	1	25	5	30

4.

Crop: Wheat
Thrust Area: Crop Diversification
Thematic Area: New cultivars
Season: Summer 2025
Farming Situation: Irrigated, Medium land, Sandy clay-loam

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	4.0ha/ 30 Nos.	Introduction new cultivars	Crop growth and Yield	Seed	6000/ha (Total 24000/-)	5000/ha	10	2	5	2	10	1	25	5	30

5.
Crop: Groundnut
Thrust Area: Crop Diversification
Thematic Area: New cultivars
Season: Summer 2025
Farming Situation: Irrigated, Medium land, Sandy clay-loam

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Groundnut Variety: Kadiri Lepakshi 1812	3.0 ha/ 30 Nos.	Introduction new cultivars	Crop growth and Yield	Seed	Rs.14000/ ha (Total 42000)	12000/ ha	10	5	5	0	10	0	25	5	30

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/ Field day	Greengram cultivation	2	PF	2	On/ OFF	8	2	5	1	12	2	25	5	30
Training/ Field day	rice varietal replacement	2	PF	2	ON/OFF	7	1	4	2	11	5	22	8	30
Training/ Field day	Mustard Cultivation	2	PF	2	ON/OFF	7	0	5	0	14	4	26	4	30
Training/ Field day	Tulaipanji rice cultivation	2	PF	2	ON/OFF	6	2	2	0	12	8	20	20	30
Training/ Field day	Introduction new cultivars of Wheat	2	PF	2	On/Off	10	2	5	2	10	1	25	5	30
Training/ Field day	Introduction new cultivars of Groundnut	2	PF	2	ON/OFF	8	2	2	0	10	8	20	20	10

b) Horticulture

6. Crop: Mango

Thrust Area: More profit with less crop loss by controlling fruit fly and stone weevil of mango
Thematic Area: Scientific crop management practices
Season: Late Rabi season, 2025
Farming Situation: Irrigated, Medium, Sandy loam

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	Mango var. Amrapalli, Langra, Himsagar and Surjapuri	2 (ha)	Better crop management by controlling fruit fly and stone weevil	Crop loss %, Yield, Benefit : cost ratio	Chemicals like Thiomithoxom, chloropyriphos + cypermethrin and 20% Boron	8000	-	4	-	2	-	6	-	12	-	12

7. Crop: Ginger

Thrust Area: Introduction of homestead ginger cultivation in gunny bag
Thematic Area: Utilization of uncultivable land by ginger cultivation
Season: Pre-kharif, 2025
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	Ginger var. Gorubathan	100 no bag	Utilization of uncultivable land, crop management practices	Yield, Benefit : cost ratio	Seed rhizome, carbendazim, gunny bag, cupper oxychloride, validamycin	15000	-	4	-	2	-	6	-	12	-	12

8. Crop: Coriander leaves

Thrust Area: More profit with rainy season coriander leaves cultivation
Thematic Area: Protected crop cultivation (Homestead)
Season: Kharif, 2025
Farming Situation: Irrigated, Crate , Sandy loam

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	Coriander var Multicut Green	200 crates	Protected cultivation of coriander leaves in rainy season	Yield, Benefit : cost ratio	Coriander seeds, crates	12,000	-	4	-	1	-	5	-	10	-	10

9. Crop: Brinjal (results introduced in FLD)

Thrust Area: More profit with less crop loss by controlling wilt of brinjal
Thematic Area: Scientific crop management practices
Season: Kharif, 2025
Farming Situation: Irrigated, Medium, Sandy loam

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Brinjal var Local	0.533 (ha)	Better crop management mainly by controlling wilt	Crop loss %, Yield, Benefit : cost ratio	Chemical like cupper oxychloride, validamycin, streptocyclin etc.	14000	-	4	-	2	-	6	-	12	-	12

10. Crop: **Yellow Cauliflower**

Thrust Area: More profit with high value crop
Thematic Area: Production of low volume and high value crop
Season: Rabi, 2025-26
Farming Situation: Irrigated, Medium, Sandy loam

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	**Yellow Cauliflower** Var. Carotina	0.333 (ha)	high value vegetable in open field cultivation	Yield, Benefit : cost ratio	Seed, micro-nutrient, vermicompost	12000	-	4	-	2	-	4	-	10	-	10

11. Crop: **Violet Cauliflower**

Thrust Area: More profit with high value crop
Thematic Area: Production of low volume and high value crop
Season: Rabi, 2025-26
Farming Situation: Irrigated, Medium, Sandy loam

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	**Violet Cauliflower** Var. Valentina	0.333 (ha)	high value vegetable in open field cultivation	Yield, Benefit: cost ratio	Seed, micro-nutrient, vermicompost	12000	-	4	-	2	-	4	-	10	-	10

12. Crop: **Bitter gourd**

Thrust Area: Doubling farmers income through cultivation of early bitter gourd
Thematic Area: Crop management during early cropping system
Season: Late Rabi, 2025-25
Farming Situation: Irrigated, Medium, Sandy loam

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	**Bitter gourd var. BASF-1315**	0.4 ha	More profit through early bitter gourd	Yield and benefit: cost ratio	Seed	12000	-	2	3	2	-	1	2	5	5	10

Extension and Training activities under FLD:

Horticulture

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	Ginger cultivation in gunny bag	01	PF	1 days	ON	8	2	0	0	8	2	16	4	20
Field day	Ginger cultivation in gunny bag	01	PF, EF, RY	1 day	OFF	20	10	4	0	24	8	48	18	66
Training	More profit with rainy season coriander leaves cultivation in crates	01	PF	1 days	ON	8	2	0	0	8	2	16	4	20
Field day	Rainy season coriander leaves cultivation in crates	01	PF, EF, RY	1 day	OFF	20	10	4	0	24	8	48	18	66
Training	Improved cultivation technique of brinjal	01	PF	1 day	OFF	9	3	4	1	5	3	18	7	25
Field day	Wilt management in brinjal	01	PF, EF	1 day	OFF	6	2	2	1	8	4	16	7	23
Training	More profit with high value crops	01	PF	3 days	ON	8	2	0	0	8	2	16	4	20
Field day	Yellow and violet cauliflower Cultivation	02	PF ,EF, RY	1 day	OFF	20	10	4	0	24	8	48	18	66
Training	More profit with early bitter gourd	01	PF	1 days	ON	8	2	0	0	8	2	16	4	20
Field day	Early bitter gourd	01	PF,EF	1 day	OFF	6	2	2	1	8	4	16	7	23
Training	Scientific management practices of mango	01	PF	2 days	Off	8	2	0	0	8	2	16	4	20
Field day	Management of mango stone weevil and fruit fly	01	PF,EF	1 day	OFF	6	2	2	1	8	4	16	7	23
Total		**13**				**127**	**49**	**22**	**4**	**141**	**49**	**290**	**102**	**392**

Plant Protection

13. Crop: Paddy
Thrust Area: Eco-friendly pest Management **Thematic Area**: **Integrated Disease Management**
Season: Khariff, 2025) **Farming Situation:** Rainfed, **Medium to low land, clay-loam**

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	10 ha	**Integrated Disease Management of neck blast in Kharif rice**	Production (yield), disease intensity and severity	Bio pesticide and Chemical pesticide	1000/ha (Total (10000/-)	9000 /ha	15	0	0	0	15	0	30	0	30

14. Crop: **Rapeseed and Mustard**
Thrust Area: Eco-friendly pest Management **Thematic Area**: **Integrated Pest Management**
Season: **Rabi, 2025-26** **Farming Situation**: **Irrigated, Medium land, Sandi clay-loam**

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	**Rapeseed and Mustard/ NC 1**	5.0 (ha)	Installation of Yellow Sticky Trap at 30 DAS @ 70nos./ha (Before flowering) + one spray of Thiamethoxam	Aphid population in mustard twig	Mustard Seed & Yellow sticky trap	2000/ha Total 10000/-	8000/ha Total 40000/	10	5	0	0	10	0	20	5	25

15. Crop: **Honey bee**
Thrust Area: income generation and Entrepreneurship development **Thematic Area**: **Bee-keeping**
Season: Round the year (Rabi, 2025-26) **Farming Situation: Mustard based cropping systems**

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	Bee-keeping	10 x 2 = 20 nos. box	Scientific Rearing of Honey Bee	Production & yield quality	Bee box and Bee hive	4000/box (Total (80000/-)	8000	7	0	0	0	3	0	10	0	10

16. Crop: **Brinjal**
Thrust Area: Eco-friendly pest Management
Thematic Area: Integrated Pest Management
Season: Khariff- **Rabi 2025-26**
Farming Situation: **Irrigated, Upland to medium land, Sandy clay-loam**

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	**Brinjal/ Local**	2.0 (ha)	Installation of funnel Trap at 35 DAS @ 80/ha with 10000 ppm neem based pesticide	Yield Fresh fruit & Damage Fruit; Fruit and Shoot damage	Funnel trap, Luci lure, neem based pesticides	20000/- ha Total 40000	55000 / ha	5	0	0	0	10	0	15	0	15

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						Other		ST		SC		Total		
						M	F	M	F	M	F	M	F	T
Training	Use of bio pesticide and bio-fertilizer for disease management	1	PF	2	ON	10	0	0	0	10	0	20	0	20
Field Day	Integrated Disease Management of Rice Neck blast	1	PF	1	OFF	10	5	5	0	10	5	25	10	35
Training	IPM of Brinjal fruit and shoot borer (through Pheromone trap & Neem based pesticides)	1	PF	3	OFF/ON	25	5	0	0	5	0	30	5	35
Field Day	IPM of Brinjal fruit and shoot borer (through Pheromone trap & Neem based pesticides)	1	PF & EF	1	OFF/ON	25	10	0	0	5	0	30	10	40
Training	Management of aphid in mustard.	2	PF	2	OFF/ON	15	0	5	0	15	5	30	10	40
Field Day	Management of aphid in mustard through Yellow sticky trap	2	PF & EF	1	OFF/ ON	25	10	5	5	25	10	55	25	80
Training	Rearing and production technology of Honey-bee	1	RY	5	ON	6`	6	0	0	4	4	10	10	20
Total				**1**		116	36	15	5	74	24	200	70	270

Home Science

17. Crop: Mushroom
Thrust Area: crop residue management and income generation
Thematic Area: household nutritional security and income generation.
Season: round the year
Farming Situation: N/A

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 (for 4 batches of 100cylinders)	Local	M	F	M	F	M	F	M	F	T
1	Oyster and button mushroom	20 units	Mushroom cultivation for nutritional security and entrepreneurial activity	Additional Availability of mushroom./day /Family 150 gm	Spawn, fungicide	18000	-	2	3	2	5	2	6	6	14	20

18. Crop: Vermi-compost
Thrust Area: crop residue management and income generation
Thematic Area: production of organic inputs
Season: round the year
Farming Situation: N/A

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	vermicompost	5 units	Vermi-compost Production technology	Average Production per SHG 5q per month	Low cost concrete chamber with thatched roof, Vermi worms	8000	-	0	02	0	01	0	03	0	05	05

19. Crop: Nutritional Kitchen Garden
Thrust Area: round the year vegetable production
Thematic Area: Household nutritional Security
Season: round the year
Farming Situation: Backyard farming system

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	Green leafy veg., Fruits, medicinal plants etc.	15 nos	Sequencial cropping of veg.	Daily availability of vegetables, frequency of diseases etc.	Veg. seeds, fruit saplings and organic manure	8000	-	0	8	0	3	0	4	0	15	15

20. Crop: Turmeric
Thrust Area: drudgery reduction of farm women
Thematic Area: drudgery reduction and quality turmeric processing
Season: Rabi season
Farming Situation: turmeric production based farming system

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 (per unit cost)	Local	M	F	M	F	M	F	M	F	T
1	Turmeric processing	10 nos (for SHGs)	Demonstration of perforated base (TNAU model)	Time and energy saving and quality of processed turmeric.	Turmeric parboiling unit	8000	-	0	10	0	4	0	6	0	20	20

21. Crop: Foxtail and Finger millet
Thrust Area: Drudgery reduction of farm women
Thematic Area: Post harvest management
Season: Kharif and Rabi season
Farming Situation: millet based farming system

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 (per unit cost)	Local	M	F	M	F	M	F	M	F	T
1	Millet processing	02 nos (for SHGs)	Demonstration of millet dehuller (TNAU model)	Time and energy saving and quality of processed millets.	Millet thresher	12000	-	0	10	0	4	0	6	0	20	20

22. Crop: Nutritional homemade weaning food
Thrust Area: Eradication of malnutrition at grass root level
Thematic Area: mother and child care
Season: round the year
Farming Situation: farm family

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	weaning foods for malnourished children	20 nos	KVK developed recipe of Ready to Eat nutritional weaning foods	Body wt. and overall health improvement of children	Nutritional weaning foods	16000	-	3	3	3	6	2	3	8	12	20

Extension and Training activities under FLD:

Home Science

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	Improved package of practices for Mushroom cultivation	02	Practicing Farmer, farmwomen and Rural youth	3 to 7 days	on	4	16	2	06	4	13	10	35	45
Training	Preparation of low cost weaning foods	03	Practicing farmwomen and Extn. Functionaries	3 days	On/off	0	25	0	13	0	17	0	55	55
Training	Planning and management of nutritional Kitchen garden	02	Practicing farmer and farmwomen	3 days	On/off	0	10	0	04	0	6	0	20	20
Training	Vermicompost production technology	03	Practicing farmer and farmwomen and Rural youth	3to 5days	on	12	28	2	9	6	18	20	55	75
Training	Awareness training on agriculture implements and tools	01	Practicing farmer and farmwomen and Rural youth	2 days	on	02	08	02	06	02	04	06	18	24
Field day	On mushroom cultivation	02	PF, RY and EF	One day	off	8	15	5	10	10	15	23	40	63
Field day	Vermicompost production	02	PF, RY and EF	One day	off	5	10	5	10	10	15	20	35	55
Field day	Nutritional Kitchen garden	01	PF, RY and EF	One day	off	8	15	5	10	10	15	23	40	63
Field day	Nutricereals	02	PF, RY and EF	One day	off	5	10	5	10	10	15	20	35	55
Field day	Nutritional weaning food	01	PF, RY and EF	One day	off	5	20	3	15	5	10	13	45	58
Total		**16**				**49**	**157**	**29**	**93**	**57**	**128**	**135**	**378**	**513**

Fishery Science

23. Crop: Fish (IMC)
Thrust Area: Enhancement of fish production utilizing available resources
Thematic Area: Grow-out culture of carps
Season: Round the year
Farming Situation: Rainfed, Flatland. Sandy clay/Sandy soil

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	Fish (IMC)	0.55 ha/8 units	Composite fish culture	Fish growth rate, yield	Fish fingerlings, lime	45,500.00/ha	35,750.00/ha	6	0	0	0	2	0	8	0	8

24. Crop: Fish (IMC), Ducks and Vegetables
Thrust Area: Higher farm income through integrated fish farming
Thematic Area: Integrated fish farming
Season: Round the year
Farming Situation: Rainfed, Flatland. Sandy clay/Sandy soil

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	Fish (IMC), Ducks and Vegetables	0.45 ha/6 units	Integrated fish farming	Fish yield, egg production	Fish fingerlings, ducklings	32,750.00/ha	27,500.00/ha	4	0	0	0	2	0	6	0	6

25. Crop: Fish (Raikhar Bata) & Fish (IMC)
Thrust Area: Higher income for small & medium scale fishers through culture of small indigenous fish
Thematic Area: Polyculture of Raikhar Bata with IMC
Season: Round the year
Farming Situation: Rainfed, Flatland. Sandy clay/Sandy soil

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	Fish (Raikahr Bata) & Fish (IMC),	0.45 ha/6 units	Polyculture of Raikhar Bata with IMC	Fish yield	Fish fingerlings (Raikhar Bata)	40,500.00/ha	25,500.00/ha	4	0	0	0	2	0	6	0	6

Extension and Training activities under FLD:

Fishery Science

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	Package and practices of composite fish culture.	2	PF	3	ON/ OFF	25	0	0	0	15	0	40	0	40
Training	Integrated Fish-cum-Duck-cum-Vegetables cultivation for optimum utilization of available resources and enhancing return per unit area.	2	PF	3	ON/ OFF	25	5	0	0	10	0	35	5	40
Training	Culture practices of Raikhar Bata	1	PF	3	ON/ OFF	10	0	0	0	10	0	20	0	20
Field Day	Package and practices of composite fish culture.	1	PF	1	OFF	15	0	5	0	10	0	30	0	30
Field Day	Integrated Fish-cum-Duck-cum-Vegetables cultivation	1	PF	1	OFF	20	0	5	0	10	0	35	0	35
Field Day	Polyculture of Raikhar Bata with IMC	1	PF	1	OFF	20	0	0	0	10	0	30	0	30
Total		**8**				**115**	**5**	**10**	**0**	**65**	**0**	**190**	**5**	**195**

Animal Science

26. Crop: *Hybrid Napier*, Fodder Maize

Thrust Area: Low availability of green fodder for Animal husbandry practices

Thematic Area: Fodder Production

Season: Round the year

Farming Situation: Medium & low land, Irrigated/rainfed

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	*Hybrid Napier*	8ha/60 nos	Improvement of production & performance by green fodder supplementation to animals	Weight gain, productivity, milk yield	Cutting of fodder grass/Seeds	1800 /ha (Total 14400)		20	10	5	0	15	10	40	20	60

27. Crop: Vanaraja poultry
Thrust Area: Improved variety poultry production
Thematic Area: poultry production
Season: Round the year
Farming Situation: Semi intensive

Sl. No.	Crop & variety / Enterprises	Proposed no of farmer	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.	**Vanaraja poultry**	50	Brooding, Hatching, vaccination & feed management	Egg laying capacity growth rate, mortality, net income	Day old chicks, medicine, feed	Rs 1500 / unit= 75000/-		15	15	5	0	10	5	30	20	50

28. Crop: Black Bengal Goat
Thrust Area: Lower production performances due to lack of proper deworming.
Thematic Area: Disease management
Season: Round the year
Farming Situation: Homestead

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
3	**Goat**	50 nos/ 4 animal /unit	Proper deworming and feed supplement throughout the year	Disease incidence ,Body weight gain, litter size, skin coat	Dewormer, Liver tonic, vitamin, min mixture vaccine	Rs 30000/-		15	15	5	0	15	0	35	15	50

29. Crop: Quail
Thrust Area: Diversified poultry farming
Thematic Area: Quail farming
Season: Round the year
Farming Situation: Cage System

Sl. No.	Animal & variety / Enterprises	Proposed no of farmer	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.	**Quail**	50	Diversified poultry farming	Market demand, egg laying capacity growth rate, mortality ,Net income	30 nos Quail chicks/ unit, feed, medicine	Rs 700/ unit= 35000/-		15	15	5	0	10	5	30	20	50

30. Crop: Pig (Large white Yorkshire)
Thrust Area: Improved variety pig production
Thematic Area: Pig production
Season: Round the year
Farming Situation: Semi intensive

Sl. No.	Crop & variety / Enterprises	Proposed no of farmer	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.	**Pig(Breed-Large white yorkshire)**	5	Improved variety pig rearing	Market demand, Growth rate, Litter size, Disease incidence ,Mortality	Piglet, Dewormer, Liver tonic, vaccine	Rs 10000/ unit= 50000/-		0	0	2	3	0	0	2	3	5

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	Fodder management in animal husbandry practices	1	PF	1 day	On/Off	5	5	5	0	10	5	20	10	30
Training	Scientific goat rearing	2	PF	2day	On/Off	10	5	5	5	10	5	25	15	40
Training	Quail farming-alternative income generation	2	PF	2day	On/Off	10	5	5	5	10	5	25	15	40
Training	Scientific Pig farming	2	PF	2 day	On/Off	0	0	15	15	00	00	15	15	30
Training	Backyard poultry farming	2	PF	2 day	On/Off	10	5	5	5	10	5	25	15	40
Field day	Fodder management in animal husbandry practices	1	PF	1	Off	5	5	5	0	10	5	20	10	30
Field day	Scientific goat rearing	3	PF	3 day	Off	10	5	5	5	10	5	25	15	40
Field day	Quail farming-alternative income generation	2	PF	2	Off	10	5	5	5	10	5	25	15	40
Field day	Scientific Pig farming	2	PF	2	OFF	0	0	5	5	0	0	5	5	10
Field day	Backyard poultry farming	2	PF	2	OFF	5	5	5	5	5	5	15	15	30

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

Name of the Crop / Enterprise	Variety / Type	Period From January to December, 2025	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (q)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Paddy	MTU-1010, Sahabahi, Pratiksha, MTU-1153, SS-1,Parijat	Kharif	3.0	Seed	72	122400	324000	201600
Dhanicha	Local	Kharif	1.0	Seed	8	24,000.00	80,000.00	60,000.00
Blackgram	VBN-9, Pant Urd-9, IPU-10-26	Kharif	0.5	Seed	4	15000	60,000.00	45000.00
Wheat	DBW-187, DBW-252, DBW-303, DBW-327	Rabi	0.7	Seed	10	30000	50000	20000.00
Lentil	PL 220, IPL-225, IPL-230, L -4717, BL-16,	Rabi	0.5	Seed	3	10000.00	37,500.00	27500.00
Mustard	Anushka, PM-25, PM-27, PM28, PDZM-31, NRCYS-05-02, YSH-0401	Rabi	1.0	Seed	7.0	20000.00	84,000.00	64000.00
Green Gram	IPM-02-03, IPM-2-14, Sikha	Summer	0.5	Seed	3.0	15000	45000.00	30000.00
Groundnut	Kadiri Lepakshi	Pre-Kharif	0.5	Seed	2.0	5000	24000	19000
Arecanut	Mohitnagar	Round the year	0.25	Seedling	4000 nos	15,000.00	60,000.00	45,000.00
Black Pepper	Karimunda	Round the year	0.01	Sapling	1000 nos	4000.00	15,000.00	11,000.00
Bay Leaves	Local	June-August		Saplings	2000 nos	10000.00	40,000.00	30,000.00
Cabbage	Royal Cross	Oct. to January		Saplings	25000 nos	4000.00	7,000.00	3,000.00
Cauliflower	Carotina, Valentina	Oct. to January		Saplings	18000 nos	60000.00	10,000.00	4000.00

Name of the Crop / Enterprise	Variety / Type	Period From January to December, 2025	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (q)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Brinjal	Pusa Purple Long	June-August		Saplings	3000 nos	2500.00	4,500.00	2,000.00
Tomato	Himsona	December		Saplings	3000 nos	2500.00	4,500.00	2,000.00
Lime	Pati, Elaichi, Gandharaj	June-August		Saplings	300 nos	2500.00	8,500.00	6000.00
Litchi	Shahi, Elaichi, Purbi, Bedana	June-August		Saplings	500 nos	3000.00	18,000.00	15000.00
Mango	Amrapali, Alphanso, Mallika, Chatterjee, Fajli, Chousa etc.	June-August		Saplings	100 nos	1500.00	3,000.00	1500.00
Papaya	RC-217, Swapna, Red Lady	Round the year		Seedling	500 nos	7500.00	15,000.00	7500.00
Dragon fruit	Red fleshed	Round the year		Saplings	400 nos	3200.00	15,000.00	11800.00
Flowering annuals and ornamentals	Different variety	Round the year		Seedlings	3000	5000	10,000	5000
Capsicum	Ayesha	October		Seedlings	5000 nos	8000.00	15,000.00	7000.00
Foliage plants	Different type	Round the year		Cuttings, seedlings	2000 nos	5000.00	7,500.00	2500.00
Flower plants	Different type	Round the year		Cuttings, seedlings, suckers	2000 nos	7000.00	12,000.00	5000.00
Fodder crop	Hybrid Napier	Round the year		Cutting	500 kg	1500.00	20000.00	18500.00
Mushroom spawn	Wester	Round the year		Spawn packet	5000 pkc.	35000.00	75000.00	40000.00
Total			**7.96**		**114 qui &71800nos.**	**418600**	**1044500**	**683900**

b) Village Seed Production Programme:

Name of the Crop / Enterprise	Variety / Type	Period From January to December, 2025	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	MTU-1010, Sahabahi, Pratiksha, MTU-1153, SS-1, Tulaipanji	Kharif	10	50	Seed	250	7,50,000-	11,25,000	3,75,000
Blackgram	PU-8, PU-9, VBN-9, IPU-10-16	Kharif	10	30	Seed	50	2,50,000	3,75,000	1,25,000
Lentil	IPL 220, IPL-225, IPL-230, L -4717, BL-16,	Rabi	1	5	Seed	4	6000	30000	24000
Mustard	PM-25, PM28, NRCYS-05-02, YSH-0401	Rabi	10	30	Seed	40	3,50,000	4,80,000	1,30,000

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	30	775	650	1425	72	48	12	60	823	662	1485
2	KisanMela	1	1560	925	2485	65	8	4	12	1568	929	2497
3	KisanGhosthi	0	0	0	0	0	0	0	0	0	0	0
4	Exhibition	2	1250	700	1950	68	6	4	10	1256	704	1960
5	Film Show	36	220	160	380	66	0	0	0	220	160	380
6	Method Demonstrations	40	475	400	875	72	12	8	20	487	408	895
7	Farmers Seminar	4	175	145	320	70	7	4	11	182	149	331
8	Workshop	2	60	25	85	62	4	2	6	64	27	91
9	Group meetings	2	35	25	60	60	0	0	0	35	25	60
10	Lectures delivered as resource persons	12	320	180	500	65	0	0	0	320	180	500
11	Advisory Services	115	350	75	425	70	0	0	0	350	75	425
12	Scientific visit to farmers field	200	1320	530	1850	68	0	0	0	1320	530	1850
13	Farmers visit to KVK	1780	1120	660	1780	70	0	0	0	1120	660	1780
14	Diagnostic visits	30	425	225	650	68	0	0	0	425	225	650
15	Exposure visits	20	525	500	1025	66	25	10	35	550	510	1060
16	Ex-trainees Sammelan	2	55	25	80	65	0	0	0	55	25	80
17	Soil health Camp	2	100	25	125	69	2	0	2	102	25	127
18	Animal Health Camp	5	90	110	200		5	5	10	95	115	210
19	Agri mobile clinic	6	135	45	180	68	6	0	6	141	45	186
20	Soil test campaigns	1	55	20	75	66	2	0	2	57	20	77
21	Farm Science Club Conveners meet	1	15	5	20	68	1	0	1	16	5	21
22	Self Help Group Conveners meetings	2	0	80	80	65	0	4	4	0	84	84
23	Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0
24	Celebration of important days (specify)	12	480	340	820	68	8	4	12	488	344	832

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
25	Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0
26	Swatchta Hi Sewa	2	50	100	150	70	0	0	0	50	100	150
27	Mahila Kisan Diwas	1	0	60	60	65	0	0	0	0	60	60
28	Any Other (Specify) Millet Fair 2025	1	85	160	245	60	25	30	55	105	190	300
29	World Veterinary Day	1	15	15	30	50	2	0	1	16	15	31
30	World Zoonosis Day	1	15	15	30	50	2	0	2	17	15	32
31	World Egg Day	1	15	15	30	50	2	0	2	17	15	32
32	World milk Day	1	15	15	30	50	2	0	2	17	15	32
33	World chicken day	1	15	15	30	50	2	0	2	17	15	32
Total		**2314**	**9750**	**6245**	**15995**	**780**	**169**	**87**	**255**	**9913**	**6332**	**16250**

7. Revolving Fund (Rs. in lakh)

Opening balance of 2022-2025 (As on 01.01.2025)	Amount proposed to be invested during 2025-26	Expected Return
83.92	**31.25**	**15.33**

8. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)
Activities under ATMA	District ATMA	5.00
ASCI	Skill Council of India	3.60
DAESI	SAMETI	8.00
NABARD	NABARD	10.00
SCSP	ICAR (UBKV)	8.00
Natural Farming	ICAR	15.00
STRY	ICAR	0.84
ARYA	ICAR	20.00
STI HUB	UBKV	3.00
Total		**73.44**

9. On-farm trials to be conducted*

OFT-1: (2nd year)

i	Season:		Rabi 2025
ii	Title of the OFT:		**Productivity and quality improvement in Tulaipanji through optimal nutrient management**
iii	Thematic Area:		Crop productivity
iv	Problem diagnosed:		Average Yield of Tulaipanjiis very low (2.7-3 t/ha).
v	Important Cause:		Imbalanced fertilization (more use of chemical fertilizers)
vi	Production system:		Rice based cropping systems
vii	Micro farming system:		Rice based cropping systems (Medium land)
viii	Technology for Testing:		Nutritional management
ix	Existing Practice:		The crop is grown with FYM and urea/MOP as a topdressing fertilizer.
x	Hypothesis:		The nutrients applied through organic sources are scanty. More reliance on organic manures and biofertilizer may increase the productivity and quality (aroma in particular)
xi	Objective(s):		To develop a good nutritional management protocol for Tulaipanji
xii	Treatments:	Farmers Practice (FP):	The crop grown with imbalanced fertilization (mostly grown with FYM with a bit addition of urea and MOP as topdressing)
		Technology option-I (TO-I):	The crop grown with organic + biofertilizer package (Mixture of vermicompost + well decomposed FYM to supply 40-50 kg N/ha with use of PSB and Azospirillum)
		Technology option-II (TO-II):	The crop grown with inorganic+organic+biofertlizer package (25%N substitution through urea)
xiii	Critical Inputs:		Seed, biofertilizer like Azospirillum, PSB, etc
xiv	Unit Size:		1
xv	No of Replications:		7
xvi	Unit Cost:		6000
xvii	Total Cost:		42000
xviii	Monitoring Indicator:		Growth Yield parameters, aroma content, paroling content and economics
xix	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):		UBKV

OFT-2: (1st Year)

i	Season:		Rabi 2025
ii	Title of the OFT:		**Assessment of soya bean (Glycine max) cultivation through different varieties towards replacement of Maize cultivation.**
iii	Thematic Area:		Introduction of new cultivar
iv	Problem diagnosed:		Assessment for potentiality of new cultivars of soya bean (Glycine max) and preventing soil health detoriation due to continuous Maize cultivation.
v	Important Cause:		Continuous cultivation of heavy feeder Maize
vi	Production system:		Rice based cropping system
vii	Micro farming system:		Medium to high land
viii	Technology for Testing:		Varietal assessment
ix	Existing Practice:		Introduction of Soybean
x	Hypothesis:		Selection of suitable variety for improving yield
xi	Objective(s):		To increase production and profitability of soybean cultivation.
xii	Treatments:	Farmers Practice (FP):	Maize
		Technology option-I (TO-I):	JS-20-69
		Technology option-II (TO-II):	NRC-127
		Technology option-II (TO-III):	NRC-128
xiii	Critical Inputs:		Seed and seed treatment chemical, Insecticide, Pesticide
xiv	Unit Size:		1 ha
xv	No of Replications:		07
xvi	Unit Cost:		Rs. 5000/-
xvii	Total Cost:		Rs.35,000/-
xviii	Monitoring Indicator:		Soil nutrient status, Maize equivalent yield, growth parameters, economics
xix	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):		ICAR-Indian Institute of Soybean Research

OFT- 3: (2nd year)

i	**Season:**		**Rabi, 2025**
ii	Title of the OFT:		**Assessment of different dose of Sulpher to increase growth and yield of chilli in Uttar Dinajpur district**
iii	Thematic Area:		Production management
iv	Problem diagnosed:		Less yield due to yellowing of leaves, leaf fall, stunted growth and flower drop.
v	Important Cause:		Sulpher defficiency
vi	Production system:		Vegetable based
vii	Micro farming system:		Vegetable based
viii	Technology for Testing:		**Assessment of Sulpher dose**
ix	Existing Practice:		Only Boron spray to control flower and fruit drop
x	Hypothesis:		Increase plant growth
xi	Objective(s):		To standardize the best dose of Sulpher to increase plant growth and yield
xii	Treatments:	Farmers Practice (FP):	Seldom use sulpher for crop growth
		Technology option-I (TO-I):	Soil application of 90% Sulpher (15 kg/ha)
		Technology option-II (TO-II):	Soil application of 90% Sulpher (15 kg/ha) + 2 spray of 80% WDG Sulpher (2.5 g/l) at 15 Days interval
		Technology option-III (TO-III):	Soil application of 90% Sulpher (22.5 kg/ha)
xiii	Critical Inputs:		90% Sulpher, 80% WDG Sulpher
xiv	Unit Size:		0.065 ha
xv	No of Replications:		7
xvi	Unit Cost:		1200.00
xvii	Total Cost:		8400.00
xviii	Monitoring Indicator:		Growth parameter, yield increment percentage, Benefit: cost ratio etc.
xix	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):		UBKV

OFT- 4: (2nd year)

i	**Season:**		**Rabi, 2025**
ii	Title of the OFT:		**Assessment of crop management practices to combat with leaf curl symptoms of chilli in Uttar Dinajpur district**
iii	Thematic Area:		Crop management
iv	Problem diagnosed:		Higher percentage of upward leaf curling, Less yield and crop loss
v	Important Cause:		Lack of knowledge for proper diagnosis of thrips attack and systematic crop management practices
vi	Production system:		Vegetable based
vii	Micro farming system:		vegetable based
viii	Technology for Testing:		Assessment of different crop management practices
ix	Existing Practice:		Use different pesticides when thrips attack
x	Hypothesis:		Control thrips in field and increase the yield
xi	Objective(s):		To standardize the best crop management practice to control attack of thrips in chilli in Uttar Dinajpur district
xii	Treatments:	Farmers Practice (FP):	Indiscriminate pesticide uses when problem occurs
		Technology option-I (TO-I):	Seedling treatment with Thiomithoxom (5 g/10 l) during transplantation in the main field + Spray Thiomithoxom (7.5 g/15 l) at 12 days interval
		Technology option-II (TO-II):	Spray Neemastra @100 ml/l and Agniastra @40 ml/l of water at 15 days interval
		Technology option-II (TO-III):	Seedling treatment with Thiomithoxom (5 g/10 l) during transplantation in the main field + Spray Thiomithoxom (7.5 g/15 l) at 15 days interval + Use Blue trap (20 no/bigha)
xiii	Critical Inputs:		Thiomithoxom, blue trap, Neemastra and Agniastra
xiv	Unit Size:		0.065 ha
xv	No of Replications:		7
xvi	Unit Cost:		1500.00
xvii	Total Cost:		10500.00
xviii	Monitoring Indicator:		Leaf curl infestation, plant growth, crop yield and B:C ratio
xix	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):		TNAU, Natural Farming Testing Centre, Gurukul, Haryana

OFT-5: (New)

i.	**Season:**		**Rabi 2025-26 (Nov.2025 to Feb. 2026)**
ii.	Title of the OFT:		**Assessment of IDM of Maize leaf blight**
iii.	Thematic Area:		Integrated Disease Management
iv.	Problem diagnosed:		Yield losses of up to 40% in maize, depending on environment.
v.	Important Cause		Maize area more than 90 thousand ha. in this district and leaf blight problem occurred every year in this district.
vi.	Production system:		Maize based cropping systems
vii.	Micro farming system		Medium land
viii.	Technology for Testing:		Proper management of different leaf blight (**Maydis leaf blight-MLB, Turcicum leaf blight -TLB and Banded leaf and sheath blight)** through IDM and search the yield loss due to infection of leaf blight in Maize
ix.	Existing Practice:		Disease management practice through different chemical Fungicides
x.	Hypothesis:		Suitable IDM technology for leaf blight management may reduce the loss and increase the productivity.
xi.	Objective(s):		To develop (standardize) the suitable IDM technology for Management of different **Maize leaf blight (MLB, TLB and Banded leaf & sheath blight)**.
xii.	Treatments	Farmers' practice	One Foliar Spray of Mancozeb @ 2.5 g/ L after symptoms appearance.
		Improve practice-I	Foliar Spray of Mancozeb @ 2.5 g/ L after about 15 DAS and two more sprays at 10-day intervals or immediately after symptoms appearance.
		Improve practice-II	Foliar spray Azoxystrobin 18.2% + Difenconazole 11.4% w/w SC 1ml/L immediately after symptoms appearance. repeat the spray at 15 days interval
		Improve practice-III	Foliar spray Azoxystrobin + propiconazole at the mid-stem elongation (30-35 DAS) and the flowering stage (60-70 DAS)
xiii.	Critical Inputs:		Mancozeb, Azoxystrobin 18.2% + Difenconazole 11.4% w/w SC and Azoxystrobin + propiconazole
xiv.	Unit Size:		0.2 ha
xv.	No of Replications:		7
xvi.	Unit Cost:		Rs. 4000/-
xvii.	Total Cost:		Rs. 28,000/-
xviii	Monitoring Indicator:		Disease Intensity, Disease Severity, Loss assessment, Yield performance & Comparative economics
Xix	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):		1. ICAR- Indian Institute of Maize Research 2. M. Blandino *et al.* 2012; Field Crop Research (Nov.- Dec. 2012) Vol.139; 20-29.

OFT-6: (2nd year repeat)

i.	**Season:**		**Summer 2025 (March to June 2025)**
ii.	Title of the OFT:		**IPM of different pest in Okra (Bhindi)**
iii.	Thematic Area:		Integrated Pest Management
iv.	Problem diagnosed:		yield reduced upto 50% of the total production by Mite, whitefly and okra borer
v.	Important Cause		Okra cultivated throughout the district and okra is one of the main vegetables during Summer. Mite whitefly and borer attacked throughout the season. Application of injudicious pesticide throughout the season
vi.	Production system:		Vegetable based cropping systems
vii.	Micro farming system		Vegetable based cropping systems
viii.	Technology for Testing:		Proper management of different pest in okra through Natural product under natural farming
ix.	Existing Practice:		Injudicious Chemical spray management
x.	Hypothesis:		Suitable IPM technology of Okra pest may reduce the crop loss and increase the productivity.
xi.	Objective(s):		To develop (standardize) the suitable IPM technology for pest of okra
xii.	Treatments:	Farmers' practice	Spraying of different chemicals at weekly interval from 25 DAS
		Improve Practice –I	Minimum routine practice: Spraying of Nemastra @ 15 days interval from 25 DAS+ Spraying of Agniastra @ 15 days interval just before flowering.
		Improve Practice –II	Minimum routine practice (Improve Practice –I) + Dasaparni @ 15 days interval from flowering + Brahmastra (2 spray) @ 10 days interval during fruiting
xiii.	Critical Inputs:		Cow dung, cowurin, different leaf and other ingredients as per preparation protocol of different natural product and other chemicals for farmers practice.
xiv.	Unit Size:		0.05 ha.
xv.	No of Replications:		7
xvi.	Unit Cost:		Rs. 3000/-
xvii.	Total Cost:		Rs.21,000/-
xviii	Monitoring Indicator:		Fruit infestation, Loss assessment, Yield performance & Comparative economics
xix	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):		State Natural Farming center, Gurukul, Hariyana

OFT-7: (2nd year)

i.	**Season**	**:**	**Round the year**	
ii.	**Title**	**:**	**Assessment of cereal and millet based nutritional weaning food on children health.**	
iii.	**Thematic area**	**:**	Women and child care/household nutritional security	
iv.	**Problem area**	**:**	Lack of dietary essentials, which leads to poor health and growth in children	
v.	**Imporatant cause**	**:**	Lack of awareness leads to malnutrition	
vi.	**Production system**	**:**	Children (6 months-3yrs)	
vii.	**Micro-farming situation**	**:**	Age group(6 months-2 yrs)	
viii.	**Technology for testing**	**:**	Supplementation of diet using cereals and millet based products.	
ix.	**Existing practice**	**:**	Imbalanced diet, no particular weaning diet for children	
x.	**Objectives**	**:**	Nutritional weaning foods to provide dietary essentials, which will lead to better health and growth.	
xi.	**Hypothesis**	**:**	Fortification of diet and education would leads to better health.	
xii.	**Treatments**	**:**	**Treatment details:**	
			Farmers' practice	inadequate dietary pattern, low intake of iron, vitamins etc.
			Technology option 1	Nutritional supplement consists of Rice (flake), green gram pulse, finger millet, Peanut and sugar (proportion 4:2:2:1:1)
			Technology option 2	Nutritional supplement consists of Maize, Wheat, finger millet(malted), moringa leaf powder and sugar (proportion 3.5:3.5:1.5:1.5)
			Technology option 3	Nutritional supplement consists of Rice(flake), Maize, green gram pulse, foxtail millet, buckwheat, peanut and sugar (proportion 3:2:1:1:1:1)
xiii.	**Critical inputs**	**:**	Supplementary weaning food	
xiv.	**Unit size**	**:**	A child (6 months-3yrs) per family	
xv.	**No. of replications**	**:**	8	
xvi.	**Unit cost**	**:**	Rs.6000/-	
xvii.	**Total cost**	**:**	Rs.4,8000/-	
xviii.	**Monitoring indicators**	**:**	• Weight gain • Hair colour • Before and after feed back	
xix.	**Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify)**	**:**	Self-designed after studying journal articles and reviews.	

OFT-8: (New)

1.	**Title**	**:**	**Assessment of effect of enriched vermicompost on growth of different vegetable crops using different types and durations of bio-fertilizer inoculation.**	
2.	**Problem area**	**:**	Vermicompost and enriched vermicompost is least popular among farming community.	
3.	**Important cause**	**:**	Lack of awareness about new improved technologies.	
4.	**Production system**	**:**	Farm family	
5.	**Micro-farming situation**	**:**	Vegetable crops	
6.	**Technology for testing**	**:**	Assessment of effectiveness of enriched vermicompost for better crop production.	
7.	**Existing practice**	**:**	No or very less use of vermicompost among farmers	
8.	**Objectives**	**:**	To assess the effect of enriched vermicompost on different veg. crops.	
9.	**Hypothesis**	**:**	trial will lead to standardization of product and will be cost effectiveness process.	
10.	**Treatments**	**:**	**Treatment details:**	
			Farmers' practice	Use of simple vermicompost
			Technology option 1	Enriched vermicompost (0.3%) for 10, 15, 20-day inoculation period.
			Technology option 2	Enriched vermicompost (0.4%) for 10, 15, 20-day inoculation period.
			Technology option 3	Enriched vermicompost (0.5%) for 10, 15, 20-day inoculation period.
11.	**Critical inputs**	**:**	Vermicompost and biofertilizers	
12.	**Unit size**	**:**	0.02ha	
13.	**No. of replications**	**:**	7	
14.	**Unit cost**	**:**	Rs.3000/-	
15.	**Total cost**	**:**	Rs.21000/-	
16.	**Monitoring indicators**	**:**	• Microbial count of enriched compost • Testing of plant samples • Economic parameters, before and after feedback.	

OFT: 9: (Refinement)

i	**Season:**		**Round the year**
ii	Title of the OFT:		**Enhancing profitability by culturing *Pabda (Ompok pabda)* in polyculture system of freshwater ponds of Uttar Dinajpur district.**
iii	Thematic Area:		Pond based fish culture
iv	Problem diagnosed:		Low profitability from culture of carps in freshwater ponds
vi	Production system:		Pond based
vii	Micro farming system:		Medium or small sized domestic water bodies
viii	Technology for Testing:		Introduction of Pabda (*Ompok pabda*) as a Candidate species in polyculture system.
ix	Existing Practice:		Polyculture of fish
x	Hypothesis:		It may increase profitability of polyculture system of freshwater ponds
xi	Objective(s):		To increase income of fishers from domestic ponds
xii	Treatments:	Farmers Practice (FP):	Polyculture of Indian Major Carps in freshwater ponds with usual package of practice. Stocking of carps in 3:3:4 model @ 10000 no./ha (Total 4000 no. of mrigal and common carp as bottom feeder).
		Technology option-I (TO-I):	Indian Major Carps (7000 nos/ha) + 3000 nos./ha of *Ompok pabda*
		Technology option-II (TO-II):	Indian Major Carps (5000 nos/ha) + 3000 nos./ha of *Ompok pabda* + 2000 nos /ha of *Labeo bata*
xiii	Critical Inputs:		Pabda (*Ompok bimaculatus)* Fingerlings
xiv	Unit Size:		Variable
xv	No of Replications:		7
xvi	Unit Cost:		Rs. 3500.00
xvii	Total Cost:		Rs. 24500.00
xviii	Monitoring Indicator:		a) Yield b) Economic Return
xix	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):		ICAR-CIFA

OFT: 10 (2nd year)

i	Season:		Round the year
ii	Title of the OFT:		**Assessment of fish yield in the ponds stocked with stunted yearlings (IMC) in the district of Uttar Dinajpur.**
iii	Thematic Area:		Pond based composite fish culture
iv	Problem diagnosed:		Slow growth & low production of fish in composite culture
vi	Production system:		Pond based production system
vii	Micro farming system:		High density stocking of advanced fry with minimal post-stocking management
viii	Technology for Testing:		Stocking of stunted yearling at recommended density with proper post-stocking management and intensive feeding
ix	Existing Practice:		Stocking with advanced fry of IMC@ 10000 per ha & irregular feeding with fish feed
x	Hypothesis:		By stocking stunted yearlings in composite culture system optimum growth & production of fish may be achieved within the culture period
xi	Objective(s):		To assess the growth & production of fish by stocking stunted yearlings
xii	Treatments:	Farmers Practice (FP):	Stocking with advanced fry of IMC @ 10000 per ha & irregular feeding with fish feed.
		Technology option-I (TO-I):	Stocking with fingerlings of IMC @ 5000 per ha and regular feeding with fish feed.
		Technology option-II (TO-II):	Stocking with stunted yearlings of IMC @ 5000 per ha and regular feeding with fish feed.
xiii	Critical Inputs:		Advanced fingerlings, stunted yearlings of IMC & silver carp and fish feed
xiv	Unit Size:		variable
xv	No of Replications:		7
xvi	Unit Cost:		Rs. 5500.00
xvii	Total Cost:		Rs. 38500.00
xviii	Monitoring Indicator:		Average growth of fish, fish yield & economic returns
xix	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):		ICAR-Central Institute of Fresh Water Aquaculture (CIFA) & WBUAFS

OFT: 11 (2nd Year)

i.	Season		**Round the year**
ii.	Title of the OFT		**Study on prevention of Bovine sub-clinical mastitis in Uttar Dinajpur district.**
iii.	Thematic Area		Disease management
iv.	Problem diagnosed		Low milk production due to poor udder health and SCM in Crossbreed Jersey cows.
v.	Important Cause		Poor management, Nutrition deficiency, bacterial infection
vi.	Production system		Intensive type
vii.	Micro farming system		Small & marginal farmers
viii.	Technology for Testing:		Prevention method of bovine sub clinical mastitis
ix.	Existing Practice:		No teat dips are used. Any occurrence of mastitis is generally treated by broad spectrum antibiotics along with supportive medicines like anti-inflammatory and intra-mammary infusions by local paravets.
x.	Hypothesis:		Regular use of teat disinfectant after milking reduces the chance of mastitis along with supportive management by feeding of Tri-sodium citrate/mineral mixture.
xi.	Objective(s):		To evaluate the production performance of cattle under free range grazing system
	Treatments	Farmer's practice	Clean udder & teats by fresh water before milking
		Technology option-II (TO-I):	Regular use of Teat dip solution after milking + Mineral mixture.
		Technology option-II (TO-II):	Regular use of teat dips solution after milking + Tri-Sodium Citrate @ 35mg/kg body weight for 5-8 days in a month.
xiii.	Critical Inputs:		Teat dip solution, Tri-Sodium Citrate
xiv.	Unit Size:		2 cattle per household
xv.	No of Replications:		10
xvi.	Unit Cost:		4000
xvii.	Total Cost:		40000
Xviii	Monitoring Indicator:		Disease incidence, pain score, Milk yield, Treating & management cost of one animal, BC ratio
Xix	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):		IVRI Izzatnagar

OFT: 12 (2nd year)

i.	**Season**		**Round the year**
ii.	Title of the OFT		**Performance of progesterone intravaginal sponges to induce estrus in postpartum anoestrus condition in crossbred and non descriptive cows.**
iii.	Thematic Area		Infertility management
iv.	Problem diagnosed		Postpartum anestrusis one of the major causes for the reproductive disorders in cows.
v.	Important Cause		Non-detected heat, Anoestrus, Poor management, Nutrition deficiency.
vi.	Production system		Intensive type
vii.	Micro farming system		Small and marginal farmers.
viii.	Technology for Testing:		Progesterone intravaginal sponges induce estrus and estrus synchronization in cows.
ix.	Existing Practice:		Farmers always depend on mineral supplement and uterine wash or any type of antibiotic to overcome the non detected heat issue, anoestrus or repeat breeding.
x.	Hypothesis:		Use of progesterone intravaginal sponges will reduce delay in return to first estrus postpartum in cows
xi.	Objective(s):		To Induce estrus in postpartum anoestrus cows
xii.	Treatments:	Farmers Practice (FP)	Use of dewormer, mineral mixture, uterine wash, antibiotic
		Technology option-I (TO-I)	Progesterone intravaginal sponges
xiii.	Critical Inputs:		Dewormer, Mineral mixture & progesterone intravaginal sponges
xiv.	Unit Size:		1
xv.	No of Replications:		20
xvi.	Unit Cost:		1000
xvii.	Total Cost:		20000
Xviii	Monitoring Indicator:		Heat induction, estrus synchronization, calving interval, milk production
Xix	Source of Technology (ICAR/ AICRP/ SAU/ Other, please specify):		VCRI, Namakkal

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.	Short term research under ATMA	5.0 lakh
2.	ARYA (Attracting and Retaining Youth in Agriculture)	20.00 lakh
3.	CFLD	15.00 lakh
4.	Bio-active Enriched Vermicompost production (NABARD)	10.00 lakh
5.	SCSP	8.00 lakh
6.	Natural Farming	15.00 lakh
7.	STRY	0.84 lakh
8.	STI HUB	3.00 lakh
9.	Capacity building and popularization of Millet (NABARD)	18.67 lakh

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

i. Entrepreneurship development in Mushroom cultivation and its value-added products for socio-economic upliftment.

ii. Processing and marketing of turmeric: An approach towards women empowerment.

iii. Value added products from jackfruit: An approach towards household nutritional security and income generation.

iv. Farmer interest Groups (FIGs) an integrated approach towards commodity specific production and marketing.

12. Scientific Advisory Committee

Date of SAC meeting held during 2024	Proposed date during 2026
February 28, 2024	March 07, 2026

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	260	85	20	37	15	80	23	202	58	260	20	480
Water Samples	130	50	10	10	5	40	15	100	30	130	12	130
Other (Please specify)	0	0	0	0	0	0	0	0	0	0	0	0
Total	**390**	**135**	**30**	**47**	**20**	**120**	**38**	**302**	**88**	**390**	**32**	**610**

14. Fund requirement and expenditure (Rs.) *

Heads	Rs. In lakh	
	Expenditure (last year) (Rs.) up to February, 2025	**Expected fund requirement (Rs.)**
Pay & allowance (16 nos. staff members)	251.00	296.00
Contingency (including office contingency Rs. …… lac)	19.00	38.00
TA	1.20	3.90
HRD	0.30	0.60
Sub total	**311.5**	**338.5**
Non-recurring (specify)		
Furniture & equipment	0.00	2.0
Furniture and other accessories for Training Hostel	0.00	3.0
Garage for tractor, motor cycle & vehicle	0.00	3.0
Lode Transformer for KVK for uninterrupted power supply	0.00	5.0
Lightening of office premises including street lights with LED facilities for KVK farm and Seed godown surroundings through underground cable line	0.00	10.00
Iron remover for ponds, training hostel & office building	0.00	5.0
Boundary wall repair and renovation	0.00	60.00
Cycle stand for farmers	0.00	3.00
Boring of new Tubewell	0.00	5.0
IFS infrastructure	6.50	0
Library	0.10	0.25
Repairing of Training Hostel	0.00	3.0
Renovation of Soil Testing Lab and up-gradation	0.00	2.5
Irrigation channel	0.00	5.0
Construction of all-weather metal road	0.00	30.0
Sub total	**6.50**	136.75
Grand Total	**318.00**	**475.25**

* 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

Bioconversion of agricultural residues into bio active vermi-compost: Vermicomposting is a cost-effective and eco-friendly waste management technology which takes the privilege of both earthworms and the associated microbes and has many advantages over traditional thermophilic composting. Vermi-composts are excellent sources of biofertilizers and their addition improves the physiochemical and biological properties of agricultural

soil. Uttar Dinajpur Krishi Vigyan Kendra since year 2006-07 engaged with vermicompost production programme and as an entrepreneurial activity for SHGs and Farmers Club of the district. Through KVK Uttar Dinajpur, they learned the fundamental aspects of Vermicompost making and had hands on training. Farm women and farmers were also made familiar with earthworms life cycles, their habitats and the important of appropriate feeding materials in developing successful growing environment for better and fast compost production. They were also trained in the post harvest handling and packaging aspects as well. Primarily, SHG members initiated their vermicompost production at household level, in each one homestead and after gaining confidence some of them expended their units by making investments for constructing separate chambers with sheds. After giving training, Uttar Dinajpur Krishi Vigyan Kendra extended technological as well as economic help in setting up one unit for each interested SHG. It is heartening to know that many women from those villages are now involved in producing compost either for use in their fields or to sell it to other farmers. SHGs are earning rupees 4000 monthly from this small venture. Some women using it in their kitchen gardens gain pleasure from eating healthy and tasty vegetables. Now many of them have grown to an entrepreneurial level of making around 2 to 2.5qt. of vermicompost per month and they are selling at price of Rs.1200 to Rs.1500 per qt. Moreover, they are also utilizing their product on their soils and applying it on different crops. As a livelihood diversification option, value added compost production has enormous scope to improve livelihood and income generation, which in turn can help boost rural and peri-urban economic growth. The process of vermicomposting results in the increase of microbial diversity and activity dramatically and the vermicompost produced could be a source of plant growth regulators produced by interactions between microorganisms and earthworms, which could contribute significantly to increased plant growth, flowering, and yields. So, the addition or enrichment of microbial inoculants such as biofertilizers would provide an increased plant growth and yield. Uttar Dinajpur KVK is now emphasizing on production of bio-active enriched vermicompost by mixing bio fertilizers and bio fungicides in simple vermicompost and it is giving added advantage to farm families. With economic and technological support through various projects like ARYA, PKVY, NABARD funded project etc. KVK is able to hand hold the farming community for improving crop productivity and environmental protection.

Engagement of Farmers in enriched vermicompost production and its marketing