ACTION PLAN

JANUARY TO DECEMBER, 2025

KRISHI VIGYAN KENDRA
RAMPUR (U.P.)

Organized by
I.C.A.R.- ATARI Kanpur

DIRECTORATE OF EXTENSION

S. V. P. UNIVERSITY OF AGRICULTURE &TECHNOLOGY

MEERUT- 250 110 (U.P.)

ACTION PLAN

(January to December, 2025)

INDEX

DETAILS OF ACTION PLAN OF KVK, RAMPUR

(JAUNAURY to DECEMBER, 2025)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Dhamora-Rampur (U.P.)	-	-	rampurkvk@gmail.com

1.2. a. Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	**FAX**	
Sardar Vallabhbhai Patel University of Ag. &Tech, Meerut (U.P.)	0121-2411511	0121-2411540	dir.ext@svpuat.edu.in

1.2.b. Status of KVK website: https://rampur.kvk4.in

1.2.c. No. of Visitors (Hits) to your KVK website (as on today) :0271

1.2.d. Status of ICT lab at your KVK:

a) **No. of PC unit** **:**05 (01 PC Unit working)

b) **No. of Printer** **:**02 (01 Printer Working)

c) **Internet connection** **:** Yes

1.3. Name of the Sr. Scientist & Head with phone & mobile no.

Name	Telephone / Contact		
	Residence	**Mobile**	**Email**
Dr. Mayank Kumar Rai	-	9968556926	mayankrai71@gmail.com

1.4 Year of sanction: 1992

1.5. Staff Position (as on 31 August, 2024)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Grade Pay	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)	Mobile no.	Email id	Recent photo graph
1	Programme Coordinator	Dr. Mayank Kumar Rai	Professor & Head	Plant Protection	Column (14)		188200	28.06.2008	Permanent	Gen	9968556926	mayankrai71@gmail.com	
2	Subject Matter Specialist	Dr. Faiz Mohsin	SMS / Professor	Agro Forestry	Column (14)	-	205600	05.07.1996	Permanent	Gen	9719244864	faiz@svpuat.edu.in	
3	Subject Matter Specialist	Dr. Suneeta Pant	SMS /Asstt.Prof.	Home Sc.	Column (12)	-	104200	23.06.2008	Permanent	Gen	9412048417	suneeta@svpuat.edu.in	
4	Subject Matter Specialist	Dr. Narendra Singh	SMS /Asstt.Prof.	Agronomy	Column (11)	-	101200	15.01.2009	Permanent	Gen	9457168051	narendrasingh@svpuat.edu.in	
5	Subject Matter Specialist	Dr. Ashish Kumar	SMS/T6	Horticulture	Column (10)	-	59500	01.07.2022	Permanent	Gen	9359058508	ashish@svpuat.edu.in	
6	Subject Matter Specialist	Dr. Anuj Bansal	SMS/T6	Plant Protection	Column (10)	-	59500	01.07.2022	Permanent	OBC	7417315657	anujbansal@svpuat.edu.in	
7	Computer Programmer	Sh. Bhagwan Singh Negi	Prog. Asstt./ Computer Programmer	Computer	Column (8)	-	62,200	18.08.2007	Permanent	Gen	9453381682	bsnegi.05@gmail.com	
8	Farm Manager	Dr. Hamvir Singh	Prog. Asstt./ Farm Manager	Plant Breeding	Column (8)	-	62,200	18.08.2007	Permanent	OBC	9759173168	hamveersingh15@gmail.com	
9	Driver	Sh. Sandeep Kumar	Driver		Column (5)	-	37,000	30.07.2007	Permanent	SC	9412833537	-	
10	Supporting staff	Sh. Vinod Kumar	Attendant	-	Column (2)	-	28,400	22.11.2010	Permanent	SC	9760671748	-	

1.6. Total land with KVK (in ha): 12.813 ha

S. No.	Item	Area (ha)
1	Under Buildings	1.512
2.	Under Demonstration Units	0.340
3.	Under Crops	7.500
4.	Horticulture	2.640
5	Pond	0.00
5.	Others (Irrigation channels, Chuck Road, bunds etc.)	0.821
	Total	**12.813**

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR		550.00	-			
2.	Farmers Hostel	ICAR		298.12	1643000.00			
3.	Staff Quarters (6)	ICAR		440.00	2669800.00			
4.	Demonstration Units (2)	ICAR		160.00	1105837.00			
5	Compound wall/ Fencing	ICAR		1000 R/M	1922000.00			
6	Rain Water harvesting system	-		-	-			
7	Threshing floor	ICAR		300.00	225000.00			
8	Farm godown	ICAR		60.00	362671.00			
9	Irrigation Channel	ICAR		1200 R/M	991440.00			
10	Soil testing lab	ICAR						

B) Vehicles

Type of vehicle	Year of purchase	Source (ICAR/RKVY)	Cost (Rs.)	Total kms. Run as on August, 2024	Present status
Bolero Jeep	2 July 2009	ICAR	507000.00	256104 km	Condemn 02-08-2024
Tractor (Sonalika)	March 2017	ICAR	520868.00	-	Working
Bicycle	20.11.2003	ICAR	1500.00	-	Not Working
Motorcycle	April, 2024	Revolving Fund	98000.00	800	Working

C) Equipments& AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
O.H. Projector	Transferred from Pantnagar on 05.09.1995	-	Not in Working Condition
Slide Projector	Transferred from Pantnagar on 05.09.1995	-	Not in Working Condition
Panasonic LCD multimedia projector with SD memory card reader	30.03.2007	68125.00	Not Working
Camera hot shot	Transferred from Pantnagar on 05.09.1995	-	Not in Working Condition
Sony Digital camera	31.03.2004	15300.00	Not working order
Sony WX Camera	14.03.2014	14200.00	Working order
Sonicview Projector & Screen	29.03.2024		Working order

1.8 A) Details of SAC meetings to be conducted in the year:

Sl. No.	Date
1. Scientific Advisory Committee	21 November, 2023

2. DETAILS OF MICRO-FARMING SITUATIONS OF THE DISTRICT

2.1 Micro-farming situations

a) Characteristics

S.No.	Agro-Ecological situations (AES)	Existing Farming System (Crop+livestock+others)	Major soil types
1	Mid western Plain zone	Agriculture- Horticulture- Agro forestry	Silt clay loam
		Agriculture- Dairying- Agro forestry	Loam and Sandy loam
		Agriculture- Goat rearing	Loamy Sand
		Agriculture- Poultry	Sandy Soil
		Poultry	

		Fishery	
		Bee keeping	
		Horticulture	
		Agro forestry	

b) Land Characteristics

S.No	Agro-Ecological Situation (AES)	Topography	Drainage
1.	Mid western Plain zone	The soils are coarse to medium in texture, neutral to slightly alkaline in nature. Moderately well drained, consistently deep and neutral to slightly alkaline in nature. Climate is the zone in general to subtropical mansoon type. The rain fall in distt,.rampur varies from 600 mm to 965 mm. About 77% area of the distt,. is irrigated and rest 23% area is unirrigated. The crop of the zone are rice, urd , wheat s, toria , sugarcane, lentil and mentha. Tha max temp of the distt. varies form 42 to 44^{o}C and min 1 to 6^{o}C	

c) AES-wise major problems

S.No	Agro-Ecological Situation (AES)	Major problems	Rank
1.	AES-I	The soils are low to medium in available phosphorus, medium to high in organic carbon. Bilaspur and Suar tehsils area falls under this AES. The major crops grown are paddy, wheat, sugarcane, toria, mentha, sunflower etc.	
2.	AES-II	The soils are low to medium in available phosphorus and organic carbon. Shahabad, Sadar, Tanda and Milak tehsil area falls under this AES. The major crops grown are paddy, wheat, sugarcane, toria, lentil ,mentha etc.	

2.2. Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (m.t.)	Productivity (Qt /ha)	Yield gap (q/ha) with respect to demo	Yield gap (q/ha) with respect to potential yield
1	Rice	143312	403423	28.15		
2	Wheat	150410	619990	41.22		
3	Jowar	602	574	0.95		
4	Bajra	3394	2746	0.81		
	Total Cereals	297718	1026733	71.13		
5	Urd	4964	5848	11.70		
6	Moong	14	02	0.14		
7	Lentil	1345	814	6.05		
8	Gram	33	45	13.64		
9	Pea	2835	4391	15.49		
	Total Pulses	**9191**	**11100**	**47.02**		
	Total Food Grains	**279751**	**895176**	**112.4**		
10	Mustard	4896	7001	14.30		

11	Til	11	01	0.09		
	Total Oilseeds	**4907**	**7002**	**14.39**		

Source: Agriculture department.

2.3. Weather data: (2025)

Month	Rainfall (mm)	Temperature ^{0}C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum

2.4. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
Crossbred	23544		
Indigenous	128851		
Buffalo	*440452*	-	-
Sheep	*9437*		
Goats	*119753*		
Pigs			
Crossbred		-	-
Indigenous	*11611*	-	-
Rabbits			
Poultry			
Hens	*454068*		
Desi			
Category		Production (Q.)	Productivity
Fish (Reservoir)	360.636		26 q/ha

2.5 Details of Operational area / Villages

Taluk	Name of the block	Name of the village	Major crops & enterprises	Existing yield (q/ha, number/year)	Major problem identified	Identified Thrust Areas
Sadar	Chamroua	DaniapurShankarpur, Deenpur, Mankara, Kanpur, Rajarampur,	Paddy		Low yield	Integrated Nutrient Management Integrated Pest Management Weed management Water management

		Hariyal, Dundai, Koyala Kalrakha	Wheat		Low yield	Integrated Nutrient Management Integrated Pest Management Weed management
			Urd		Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
			Toria		Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
			Mentha		Low yield	Integrated Pest Management Replacement of variety
			Mango		Low yield	Poor management
			Poplar		Low growth	Integrated Pest Management Scientific planting technique
			Cattle		Low yield	Green fodder production Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms
			Buffalo		Low yield	Green fodder production Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms
Milak	Milak	Loha Patti Bholanath, Lodhipur, Narkhera, Nipaniya, Rasdandia, Nagla Udai, Sihari, Tirah, PureniyaZadid, Shyampur, KhanpurZadid, Bakeniya, Rathonda,	Paddy		Low yield	Integrated Nutrient Management Integrated Pest Management Weed management Water management Seed production
			Whaeat		Low yield	Integrated Nutrient Management Integrated Pest Management Weed management Seed production

		Singra, Saindoli, Bansipur, Chichuli, Barakhas, Lakhnakeda, Paigampur, Rooppur, Jadhonpur Babura, Mehndinagar, Mehndipur Khatanagliga, Anchora, JiwaiZadid, Rajpur, Jhunaiya, Baknauli	Urd		Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
			Toria		Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
			Mentha		Low yield	Integrated Pest Management Replacement of variety
			Mango		Low yield	Poor management
			Poplar		Low growth	Non adoption of scientific planting methods and plant protection measures
			Cattle		Low yield	Green fodder production Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms
			Buffalo		Low yield	Green fodder production Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms
Bilaspur	Bilaspur	Begamabad, Pipaliya Mishra, Kemri, Ahero, Kankpur, Pipaliyanau, Anwariya farm, Tajpur, Tanda Hurmatnagar, Dankara	Paddy		Low yield	Integrated Nutrient Management Integrated Pest Management Weed management Water management
			Wheat		Low yield	Integrated Nutrient Management Integrated Pest Management Weed management
			Urd		Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety

			Toria		Low yield	Integrated Nutrient Management Integrated Pest Management Replacement of variety
			Mentha		Low yield	Integrated Pest Management Replacement of variety
			Mango		Low yield	Poor managment
			Poplar		Low growth	Non adoption of scientific planting methods and plant protection measures
			Cattle		Low yield	Green fodder production Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms
			Buffalo		Low yield	Green fodder production Supplementation of mineral mixture and salt in feed Management and balanced feeding of farm animals Control of Animal Disease and abdominal worms

2.8 Top five major priority thrust areas

S. No	Thrust area
1.	Integrated nutrient management
2.	Crop management
3.	Varietal replacement
4.	Aromatic and Medicinal crop
5.	Vegetable production
6.	Orchard Management

7.	Water management
8.	Seed production of major crops
9.	Mushroom production
10.	Bee keeping
11.	Integrated pest management
12.	Management and balanced feeding of farm animals
13.	Green fodder production
14.	Supplementation of mineral mixture and salt in feed
15.	Control of Animal Disease and abdominal worms
16.	Availability of quality fish seed for stocking
17.	Balanced nutritional feed in fish culture.
18.	Disease management in fish farming
19	Balanced diet and nutrition management in human being
20	Popularizing handicraft
21	Drudgery reduction
22	Value addition to food products
23	Lack of Poplar clones and Eucalyptus specie

3. TECHNICAL PROGRAMME

3 A. Details of targeted mandatory activities by KVK

OFT		FLD	
(1)		(2)	
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers
04	24	62.75	275

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
117	2020	471	4790

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos.)	Soil Samples analyzed (Nos.)
(5)	(6)	(7)	(8)
200	20000	-	200

3. B. Abstract of interventions to be undertaken

S.No.	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1.	Use of old variety	Mustard	Low yield	- Use of newly released HYV	-	Identification and Characteristic of Newly release variety	Identification and Characteristic of Newly release variety	Field day	Seed
2.	No use of HYV timely and late sown condition	Wheat	Low yield	Evaluation of new wheat varieties under late sown condition	-	- Identification and Characteristic of HVY - Weed control techniques	Identification and Characteristic	Field day and Gosthi	Seed, and weedicide
3.	Incidence of insect ,pest , diseases , weeds and non adoption of recommended control measures as well as IPM	Paddy	Low yield	-	Use of pheromones trapes, trichoderma and pseudomonas	- IPM inPaddyManagement of stem borer and BLB in paddy	IPM in Paddy	Field day and Gosthi	Pheromones trapes ,trichoderma and pseudomonas
4.	No use of New variety	Paddy	Low yield	-	Use of new variety	- Weed control - Use of improve varieties	Use of improve varieties	Field day and Gosthi	Seed and Weedicide
5.	IDM	Field pea	Low yield	Biological management of root rot of field pea	-	-	-	Field day	Trichoderma and pseudomonas

6.	Use of old variety	Urd	Low yield	-	- Use of HYV	- Cultivation of Urd	-	Field day	HYV seed ,Fertilizer
7.	Malnutrition	Nutritional garden	Malnutrition	Enhancing household food security through nutritional garden		-	Importance of nutritional garden		Seeds Sapling etc.
8.	Malnutrition	Nutritional garden	Malnutrition	-	Enhancing household food security through nutritional garden	-	Importance of nutritional garden		Seeds Sapling etc.
9.	Use of local variety	Garden pea	Low yield	Screening of improved variety of vegetable pea	-	-	-	Field day and Gosthi	Seed

3.1 Technologies to be assessed

A.1 Abstract on the number of technologies to be assessed in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	01									**01**
Seed / Plant production										
Weed Management	01									**01**
Integrated Crop Management										
Integrated Nutrient Management				01						**01**
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Value addition										
Integrated Pest Management										
Integrated Disease Management										
Resource conservation technology						01				**01**
Small Scale income generating enterprises										
TOTAL	**02**			**01**		**01**				**04**

A.2. Abstract on the number of technologies to be assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Wormi culture	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management								
Disease Management								
Value Addition								
Production and Management								

Feed and Fodder								
Small Scale income generating enterprises								
TOTAL								

B. Details of On Farm Trial (Based on soil test analysis)**:**

S.N.	OFT	
1.	**Crop/Enterprises**	Mango
	Title	Canopy management of mid-age mango orchards (>25years) though centre opening
	Thematic area	Resource conservation
	Major Problems	Low productivity of mango varieties Dashaheri and Langra due to highly dense mango orchards
	Major Cause	• Low light interception • Low photosynthesis • Highly dense tall trees with intervening branches • Use of imbalance dose of nutrients • Incidence of Gummosis
	Name of interventions	T1 Farmers practice-No pruning + Application of 2 kg DAP in the month of October T2 Centre opening + COC - 2kg + FYM, N, P, K, B, Zn and $CuSO_4$ @ 50kg, 1000,750,750, 250, 250 and 250 gm/tree/year
	No. of farmers	05
	Area	05 plant/location=25 plants
	Cost of input	Rs 6000/-
	Source of Technology	ICAR-CISH, Lucknow
	Critical Input	COC, Boron, Zinc and $CuSO_4$
	Observation to be recorded	• Days to flowering after pruning • Days to fruit set after pruning • Size of fruit • Fruit yield • Percent of disease incidence and insect infestation
	Name of Scientist	Dr. Ashish Kumar

2.	**Title**	Weed Management in Transplanted Rice through chemical method.
	Problem diagnosed	Rice is one of the major crop in the district during *Kharif* season covering more than 0.94 lakh ha area. Heavy infestation of weeds (*Echinochloacolona, Echinochloacrusgalli, Fimbristylismilliaceae, Cyprus rotendus, Cyprus difformis, Marsilea quadrifolia etc.*) causes competition with main crop and reduces the crop yield drastically.
	Micro farming situation	Irrigated condition with Medium land under Rice-Wheat cropping system.
	Thematic area	IWM
	Details of technology identified for solution	T_1: Bis-pyribac Sodium 10% @ 200-250 ml/ha T_2: Trifamone 20%+Ethoxysulfuron10%WG @90g/ha. T_3: Bispyribac Sodium 38% + Chlorimuron Ethyl 2.5% + Metsulfuron Methyl 2.5%(w/w) WG @ 100g/ha
	Source of Technology	ICAR-DWR, Jabalpur
	No. of farmers	10
	Area	(10x800)=8000 sq. m.
	Critical inputs	Weedicide
	Total Cost	Rs. 4000.00/- approx.
	Performance Indicator	
	Technical	1. Weed density at 30 and 45 DAT (No. of weeds/m^2). 2. Number of different weeds species (Number/m^2). 3. Total weed dry weight (g/m^2) 4. Major weed flora. 5. Number of effective tillers per plant (Number/m^2).
	Economical	1. Grain Yield (q/ha). 2. Straw Yield (q/ha). 3. Cost of Cultivation (Rs./ha) 4. Net Return (Rs./ha) 5. Cost Benefit Ratio (C:B Ratio)
	Social	1. Adoption Rate. 2. Suitability of Technology.
		3.Feedback of farmers
	Name of Scientist	Dr. Narendra Singh

3.	**Crop/Enterprises**	Sugarcane (Zaid-2025)
	Problem diagnosed	Low yield of sugarcane

	Major cause	High infestation of insect pests and weed
	Thematic Area	INM and WM
	Details of technologies selected for assessment/refinement	T1: Farmer's practice (flood irrigation + 400K urea + 130 kg DAP +0 kg potash per kg) T2: Use balanced fertilizer as per soil testing value and irrigate on the basis of soil moisture indicator
	Replications	03 (Area – 0.4 * 3 = 1.2 ha)
	Critical inputs	• SMI (Soil Moisture Indicator) • Balanced fertilizer NPK
	Source of technology	ICAR-IARI, New Delhi
	Observations to be recorded	• Pest build up (insect, disease infestation and weed population per m) • No. of irrigation and fertilizer saving • Cost of cultivation • Yield q/ha • B:C ratio
	Name of Scientist	Dr. Narendra Singh

4.	**Crop/Enterprises**	Wheat (Rabi 2025-26)
	Problem diagnosed	Low production in late sown condition
	Major cause	Sowing of traditional variety in late sown condition through broadcasting method
	Thematic Area	Varietal
	Details of technologies selected for assessment/refinement	T1: Farmer's practice – Use of old variety(DBW-173) and application of 100:60:0 kg NPK T2: Line sowing of wheat variety HD-3298 + application of recommendation dose of fertilizer @ 80:60:40 and Zinc (on he basis of soil testing)
	Source of technology	ICAR-IARI, New Delhi
	No. of farmers	06
	Critical inputs	Seed + balanced fertilizer
	Plot size & sowing time	800 sq. m per farmer & between 15-30 Dec.

	Observations to be recorded	• Seed rate • Plant population per m2 at 20-25 days & at harvesting • No. of effective tillers (60 DAS) • Days taken to maturity • Yield 10 m^2 area (randomly from 4-5 places) per q per ha • B:C ratio
	Name of Scientist	Dr. Narendra Singh

3.2 Frontline Demonstrations

A. Details of FLDs to be organized –

Sl. No.	Crop		Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/ demon	Parameters identified (Yield related attributes, yield economics and farmers' perception
	Crop Production								
1	Paddy		Varietal demon.	To demonstrate the yield potential of Scented rice variety	Improved seed (@ 20 kg / ha.	Kharif 2025	5.0	25	Grain yield (q/ha) Economics
2	Paddy		Varietal demon.	To demonstrate the yield potential of Scented rice variety	Improved seed (@ 20 kg / ha.	Kharif 2025	5.0	25	Grain yield (q/ha) Economics
3	Paddy		Resource conservation	Direct Seeding of rice	Seed and weedicides (Vivaya)	Kharif 2025	5.0	25	Grain yield (q/ha) Economics
4	Timely Sown Wheat		Varietal demon.	To demonstrate the yield potential of timely sown wheat	Improved seed @ 100 kg / ha.	Rabi 2025-26	10.0	25	Grain yield (q/ha) Economics
5	Late Sown Wheat		Varietal demon.	To demonstrate the yield potential of late sown wheat	Improved seed @ 120 kg / ha.	Rabi 2025-26	10.0	25	Grain yield (q/ha) Economics
6	Sugarcane		ICM	Weed management	Halo Sulfuron methyl @ 90gm/ha	Spring 2025	4.0	10	Cane Yield (q/ha) Economics
	Plant Protection								
7	Paddy		IPM	Management of stem borer in paddy crop through insecticide	Chlorantraniliprole 0.4%GR @10kg/ha.	Kharif -2025	8.0	20	-Yield - severity of disease -C:B ratio
8	Potato		IDM	Management of late blight disease through chemical	Foliar spray of cymoxanil 8 % and Mancozeb 64% (curzet) @1.5 kg/ha	Rabi 2025-26	8.0	20	-Yield - severity of disease -C:B ratio
	Agro Forestry								
9	Eucalyptus		IFS	Introduction of suitable *Eucalyptus* species	Plants	Zaid 2025	2.0	10	Yield/Profit Diameter of tree per

									year
10	Poplar		IFS	Balanced & proper use of fertilizers	Fertilizer	Rabi 2025-26	2.0	10	Yield/Profit Diameter of tree per year
Home Science									
11	Seasonal Vegetable	-	House hold food security	Nutritional garden	Seeds	Khartif-25, Rabi 2025-26	0.2	20	- Net income -Availability / person
12	Mango		Post harvest technolog y	Value addition	Preservative, salt, spice, mango	Kharif -25	-	05	-Keeping quality - net income
	Horticulture								
13	Onion		Varietal	Demonstration of improved variety	Seed	Rabi-2025	1.0	10	Yield B:C Ratio Yield increase (%)
14	Tomato		Micro-nutrients Mngt.	Foliar application of micronutrients	Micronutrients	Rabi-2025	1.0	10	Yield B:C Ratio Yield increase (%)
15	Nursery		Nursery Manage ment	Nursery production under Shed net	Shed net	Kharif -25	0.05	10	Yield B:C Ratio Yield increase (%) Weed Spectrum
16	Nursery		Nursery Manage ment	Soil less nursery production	Pro-tray coco pit, vermicompost, vermiculite, perlite	Rabi-2025	1.0	10	Yield B:C Ratio Yield increase (%)
17	Garlic		Varietal	Demonstration of improved variety	Cloves	Rabi-2025	0.4	05	Yield B:C Ratio Yield increase (%)
18	Nursery		Nursery Manage ment	Drench the soil with 0.3% COC	0.3% COC	Kharif -25	0.10	10	Yield B:C Ratio Yield increase (%)

Sponsored Demonstration

Sl. No.	Crop	Area (ha)	No. of farmers

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days			
2	Farmers Training	06		120
3	Media coverage			
4	Training for extension functionaries			

C. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / Indicators

(ii) Livestock Enterprises

Enterprise	Breed	No. of farmers/ Area	No. of animals, poultry birds etc.	Critical inputs	Performance parameters / Indicators

3.3 Training (Including the sponsored and FLD training programmes):

A) On Campus

Thematic area	No. of courses	Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management								
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification	1	16	0	16	4	0	4	20
Site specific nutrient management								
Integrated Farming								
Water management	1	16	0	16	4	0	4	20
Seed production								
Nursery management	1	16	0	16	4	0	4	20
Integrated Crop Management	3	48	0	48	12	0	12	60
Fodder production								
Production of organic inputs								
Nature farming								
Total	**06**	**96**	**0**	**96**	**24**	**0**	**24**	**120**
II Horticulture								
a) Vegetable Crops								
Production of low value and high valume crops								
Off-season vegetables								
Nursery raising	2	30	0	30	10	0	10	40

Exotic vegetables like Broccoli	1	15	0	15	05	0	05	20
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)	01	15	0	15	05	0	05	20
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit								
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits	1	15	0	15	05	0	05	20
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
Total	**05**	**75**	**0**	**75**	**`25**	**0**	**25**	**100**
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management								
Production and use of organic inputs								
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing								
Total								
IV Livestock Production and Management								
Dairy Management								
Poultry Management								
Piggery Management								
Rabbit Management /goat								
Disease Management								
Feed Management								
Production of quality animal products								
Total								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet	01	0	15	15	0	05	05	20
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition	03	0	45	45	0	15	15	60
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts	01	0	15	15	0	05	05	20

Women and child care								
Others	01	0	15	15	0	05	05	20
Total	**06**	**0**	**90**	**90**	**0**	**30**	**30**	**120**
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	04	60	08	68	08	04	12	80
Integrated Disease Management	01	15	02	17	02	01	03	20
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides	01	15	02	17	02	01	03	20
Total	**06**	**90**	**12**	**102**	**12**	**06**	**18**	**120**
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
Total								
IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production								
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
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								
XI Agro-forestry								
Production technologies	3	44	4	48	10	2	12	60
Nursery management	1	13	1	14	5	1	6	20
Integrated Farming Systems	1	13	2	15	5	0	5	20
Total	**05**	**70**	7	**77**	**20**	**3**	**23**	**90**
XII Others (Pl. Specify)								
TOTAL	**28**	**331**	**109**	**440**	**56**	**39**	**120**	**550**
(B) RURAL YOUTH								
Mushroom Production	01	08	0	08	02	0	02	10
Bee-keeping								
Integrated farming								
Seed production	02	16	0	16	04	0	04	20
Production of organic inputs								
Integrated Farming (Medicinal)								

Planting material production								
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops	01	08	0	08	02	0	02	10
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching	01	0	08	08	0	02	02	10
Rural Crafts								
TOTAL	**05**	**32**	**08**	**40**	**08**	**02**	**10**	**50**
(C) Extension Personnel								
Productivity enhancement in field crops	10	80	0	80	20	0	20	100
Integrated Pest Management	1	8	0	8	2	0	2	10
Integrated Nutrient management								
Rejuvenation of old orchards								
Protected cultivation technology	1	8	0	8	2	0	2	10
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production								
Household food security								
Women and Child care	1	0	8	8	0	2	2	10
Low cost and nutrient efficient diet designing	4	0	32	32	0	8	8	40
Production and use of organic inputs	1	8	0	8	2	0	2	10
Gender mainstreaming through SHGs								
Any other (Nursery management, Water Management, Vegetable Nursery Production)	5	40	0	40	10	0	10	50
Total	**23**	**144**	**40**	**184**	**36**	**10**	**46**	**230**
G. Total	**56**	**507**	**157**	**664**	**100**	**51**	**176**	**830**

B) OFF Campus

Thematic area	No. of courses	Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	2	32	0	32	8	0	8	40
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification	3	48	0	48	12	0	12	60
Integrated Farming								
Water management	2	32	0	32	8	0	8	40
Seed production								
Nursery management								
Integrated Crop Management	6	96	0	96	24	0	24	120
Fodder production								
Production of organic inputs								
Total	**13**	**208**	**0**	**208**	**52**	**0**	**50**	**260**
II Horticulture								
a) Vegetable Crops								
Production of low value and high valume crops	02	30	0	30	10	0	10	40
Off-season vegetables								
Nursery raising	04	60	0	60	20	0	20	80
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization	02	30	0	30	10	0	10	40
Protective cultivation								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards	02	30	0	30	10	0	10	40
Cultivation of Fruit	02	30	0	30	10	0	10	40
Management of young plants/orchards	01	15	0	15	05	0	05	20
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology	01	15	0	15	05	0	05	20
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
Total	**14**	**210**	**0**	**210**	**70**	**0**	**70**	**280**
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management								
Production and use of organic inputs								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing								
IV Livestock Production and Management								

Dairy Management								
Disease Management								
Feed Management								
Production of quality animal products								
Total								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	01	0	15	15	0	05	05	20
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet	01	0	15	15	0	05	05	20
Storage loss minimization techniques	02	0	30	30	0	10	10	40
Value addition	01	0	15	15	0	05	05	20
Location specific drudgery reduction technologies	02	0	30	30	0	10	10	40
Rural Crafts								
Women and child care	02	0	30	30	0	10	10	40
Total	**9**	**0**	**135**	**135**	**0**	**45**	**45**	**180**
VII Plant Protection								
Integrated Pest Management	10	150	20	170	20	10	30	200
Integrated Disease Management	03	45	06	51	06	03	09	60
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
Total	**13**	**195**	**26**	**221**	**26**	**13**	**39**	**260**
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
Total								
IX Production of Inputs at site								
Seed Production								
Planting material production (Horti.)								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production (horti.)								
Organic manures production (A.S.)								
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								
X Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SHGs (HS)								
Mobilization of social capital								
Entrepreneurial development of farmers/youths (Agro)								
WTO and IPR issues								
XI Agro-forestry								
Production technologies	3	36	9	45	12	3	15	60
Intercropping	2	33	01	34	5	1	6	40
Identification of Clones	2	32	3	35	4	1	5	40
Training &Prunning	1	16	0	16	04	0	04	20
Fertilizers Management	2	33	2	35	4	1	5	40
Integrated Farming Systems	2	32	2	34	5	1	6	40
Total	**12**	**182**	**17**	**199**	**34**	**7**	**41**	**240**

XII Others (Pl. Specify)								
TOTAL	**61**	**795**	**178**	**973**	**182**	**65**	**245**	**1220**

C) Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	02	32	0	32	8	0	8	40
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification	04	64	0	64	16	0	16	80
Integrated Farming								
Water management	03	48	0	48	12	0	12	60
Seed production								
Nursery management	01	16	0	16	4	0	4	20
Integrated Crop Management	09	144	0	144	36	0	36	180
Fodder production								
Production of organic inputs								
Total	**19**	**304**	**0**	**304**	**76**	**0**	**76**	**380**
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	2	30	0	30	10	0	10	40
Off-season vegetables								
Nursery raising	6	90	0	90	30	0	30	120
Exotic vegetables like Broccoli	1	15	0	15	5	0	5	20
Export potential vegetables								
Grading and standardization	2	30	0	30	10	0	10	40
Protective cultivation (Green Houses, Shade Net etc.)	1	15	0	15	5	0	5	20
b) Fruits								
Training and Pruning								
Layout and Management of Orchards	2	30	0	30	10	0	10	40
Cultivation of Fruit	2	30	0	30	10	0	10	40
Management of young plants/orchards	1	15	0	15	5	0	5	20
Rejuvenation of old orchards								
Export potential fruits	1	15	0	15	5	0	5	20
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology	1	15	0	15	5	0	5	20
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
Total	**19**	**285**	**0**	**285**	**70**	**0**	**95**	**380**

III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management								
Production and use of organic inputs								
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing								
IV Livestock Production and Management								
Dairy Management								
Poultry Management								
Piggery Management								
Rabbit Management/goat								
Disease Management								
Feed management								
Production of quality animal products								
Total								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	1	0	15	15	0	5	5	20
Design and development of low/minimum cost diet	1	0	15	15	0	5	5	20
Designing and development for high nutrient efficiency diet	1	0	15	15	0	5	5	20
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques	2	0	30	30	0	10	10	40
Value addition	4	0	60	60	0	20	20	80
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies	2	0	30	30	0	10	10	40
Rural Crafts	1	0	15	15	0	5	5	20
Women and child care	2	0	30	30	0	10	10	40
Other (Specify)	1	0	15	15	0	5	5	20
Total	**15**	**0**	**225**	**225**	**0**	**75**	**75**	**300**
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	14	210	28	238	28	14	42	280
Integrated Disease Management	04	60	08	68	08	04	12	80
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides	1	15	02	17	02	01	03	20
Total	**19**	**285**	**38**	**323**	**38**	**19**	**57**	**380**
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
Total								
IX Production of Inputs at site								
Seed Production								

Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production								
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
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								
XI Agro-forestry								
Production technologies	6	80	13	93	22	5	27	100
Nursery management	3	46	3	49	9	2	11	60
Training & pruning	1	16	0	16	4	0	4	20
Fertilizer Management	2	33	2	35	4	1	5	40
Integrated Farming Systems	3	45	4	49	10	1	11	40
Intercropping	2	33	2	35	4	1	5	40
Identification of Clones								
Total	**17**	**253**	**24**	**277**	**53**	**10**	**63**	**300**
TOTAL	**89**	**1127**	**287**	**1414**	**237**	**104**	**366**	**1740**
(B) RURAL YOUTH								
Mushroom Production	01	08	0	08	02	0	02	10
Bee-keeping								
Integrated farming								
Seed production	02	16	0	16	04	0	04	20
Production of organic inputs								
Integrated Farming								
Planting material production								
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops	01	8	0	8	02	0	2	10
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts	01	0	8	08	0	02	02	10
TOTAL	**05**	**32**	**8**	**40**	**08**	**02**	**10**	**50**
(C) Extension Personnel								
Productivity enhancement in field crops	10	80	0	80	20	0	20	100
Integrated Pest Management	1	8	0	8	2	0	2	10
Integrated Nutrient management								

Rejuvenation of old orchards								
Protected cultivation technology	1	8	0	8	2	0	2	10
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production								
Household food security								
Women and Child care	1	0	8	8	0	2	2	10
Low cost and nutrient efficient diet designing	4	0	32	32	0	8	8	40
Production and use of organic inputs	1	8	0	8	2	0	2	10
Gender mainstreaming through SHGs								
Any other (Pl. Specify)	5	40	0	40	10	0	10	50
Total	**23**	**144**	**40**	**184**	**36**	**10**	**46**	**230**
G. TOTAL	**117**	**1303**	**335**	**1638**	**281**	**116**	**422**	**2020**

Details of training programmes attached in***Annexure -I***

3.4. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	12	340	150	490	10	0	10	350	150	500
Kisan Mela	1	250	50	300	35	5	40	285	55	340
Kisan Ghosthi	2	500	100	600	125	25	150	625	125	750
Exhibition	2	500	100	600	125	25	150	625	125	750
Film Show										
Farmers Seminar										
Workshop										
Group meetings										
Lectures delivered as resource persons										
Newspaper coverage	25									
Radio talks	8									
TV talks	8									
Popular articles	18									
Extension Literature	4									
Advisory Services										
Scientific visit to farmers field	185	500	100	600				500	100	600
Farmers visit to KVK	185	400	100	500	45	5	50	445	105	550
Diagnostic visits										
Exposure visits										
Ex-trainees Sammelan	1	50	10	60				50	10	60
Soil health Camp										
Animal Health Camp	1	40	10	50	10	0	10	50	10	60
Agri mobile clinic										
Soil test campaigns	6	280	25	305	25	0	25	305	25	330
Farm Science Club Conveners meet										
Self Help Group Conveners meetings										
Mahila Mandals Conveners meetings										
Celebration of important days (specify)	2	150	75	225	25		25	175	75	250
Krishi Mohostva										
Krishi Rath										
Pre Kharif workshop	1	250	50	300				250	50	300
Pre Rabi workshop	1	250	50	300				250	50	300
PPVFRA workshop										
Any Other (Research papers/ Abstrcts)	**9**									
Total	**471**	**3510**	**820**	**4330**	**400**	**60**	**460**	**3910**	**880**	**4790**

3.5 Target for Production and supply of Technological products

SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
CEREALS	Paddy	Pusa-1509/ As per availability	150
	Wheat	PBW-550/ DW-71/As per availability	200
OILSEEDS	Mustard	As per availability	30
PULSES			
VEGETABLES			
OTHERS (Specify)			

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS			
SPICES			
VEGETABLES	As per availability		19200
FOREST SPECIES	As per availability		
ORNAMENTAL CROPS	As per availability		800
		Total	**20000**

Bio-products

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
BIO PESTICIDES				
1	Vermicompost			500
2				

LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
Cattle				
GOAT				
SHEEP				
POULTRY				
Pig farming				
FISHERIES				

III.6 Literature to be Developed/Published

(A) KVK News Letter

Date of start :
Number of copies to be published :

(B) Literature developed/published

S.No.	Topic	Number
1	Research paper each scientist	02

2	Technical reports	03
3	News letters	01
4	Training manual all discipline	06
5	Popular article	18
6	Extension literature	12
	Total	**42**

(C) Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1			

3.7. Success stories/Case studies identified for development as a case. -

a. Brief introduction/Background
b. Interventions/process
c. Output
d. Outcomes
e. Impact
   i) Social economic
   ii) Bio-Physical
f. Good Action Photographs

3.8 Indicate the specific training need analysis tools/methodology followed for :

Practicing Farmers

a)
b)
c)

Rural Youth

a)
b
c)
d)

In-service personnel

a)
b)
c)

3.9 Indicate the methodology for identifying OFTs/FLDs

For OFT :

i) PRA
ii) Problem identified from Matrix based ranking & analysis
iii) Field level observations
iv) Farmer group discussions
v) Others if any

For FLD :

i) New variety/technology
ii) Poor yield at farmers level
iii) Existing cropping system
iv) Others if any

3.10 Field activities

i. Name of villages identified/adopted with block name (from which year) - Milak, Chamrauwa, Shahabad – 2023
ii. No. of farm families selected per village :50
iii. No. of survey/PRA conducted : 06
iv. No. of technologies taken to the adopted villages: 06
v. Name of the technologies found suitable by the farmers of the adopted villages: Variety, Seed Treatment, Bio pesticide, Soil Testing, Mineral Mixture, Kitchen Garden, Value addition .
vi. Impact (production, income, employment, area/technological– horizontal/vertical): 60 farmers adopted technology .
vii. Constraints if any in the continued application of these improved technologies: Recommended varieties, bio pesticide and mineral mixture area specific are timely not available in market.

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab:

1. **Year of establishment : 2008**

2. **List of equipments purchase with amount- No any equipment purchase this year.**

Sl. No	Name of the Equipment	Quantity	Cost(Rs.)
1.	Single pen balance	01	87000.00
2.	Lab. hot air oven	01	14500.00
3.	Refrigerator with stabilizer	01	12000.00
4.	Microscope revolving	01	4600.00
5.	Kjeldal apparatuses digestion appl complete with glass (Jendal)	02	13400.00
6.	Kejeldal apparatuses digestion appl complete with glass (Jendal make)	02	30000.00
7.	Lab willy milly (Grinder)	02	30000.00
8.	Spectrophotometer	01	23252.40
9.	Flame photometer	01	106500.00
10.	PH Meter micro probe hesed	01	33430.00
11.	Hot plate	01	10350.00
12.	Water Distillation	01	8200.00
13.	Physical Balance	01	85000.00
14.	Mechanical Shaker	01	11990.00
15.	MiridaParikshak Kit With Accessories	01	117525.00
Total		**18**	**587747.40**

3. **Targets of samples for analysis:**

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	200			
Water Samples				
Plant				
Total	**200**			

4.0 LINKAGES

4.1 Functional linkage with different organizations

Sl.No.	Name of the Organization	Nature of Linkage	Outcome of Linkage
1	State Agriculture department	Participation in training and meetings at Division, district, block and village level.	
		Participation in Exhibition, Gosthies and Kisan Melas at various levels.	
		Visits at Govt. farm for spot technical guidance.	
		Participation in soil testing programmes.	
2	Fertilizer Agencies	Participation in training, meetings, gosthies/Kisan diwas, Kisan Melas, soil testing and plantation programmes.	
3	Tractor/ Seed/Pesticide Companies	Participation in training, meetings, gosthies/Kisan diwas, Kisan Melas, soil testing and plantation programmes.	
4	State Animal Husbandry department and BAIF	Participations in Animal Health care programmes.	

5	UPSDC	Seed production programme at instructional farm.	
6	State Horticulture department	Participation in training, meeting, gosthies and field visits.	
7	Deptt. Of Fisheries	Participation as Technical expert in Training/ Gosthi etc.	
8	State Social Forestry department	Participation in Environment day and Gosthies.	
9	NABARD	Participation as resource person in Training/Goshti etc.	
10	Bank's	Training as resource person	

4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/No : Yes

S. No.	Programme	Nature of linkage
1	Scientist farmer interaction	Resource Person
2	Kisan Mela and Ghoshti	Resource Person
3	Farmer Field School	Resource Person

5. Utilization of Hostel facilities

S. No.	Programme	No. of days
1		
2		
	Total	

6. Partnership with departments for technology out scaling (proposed) :

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
07.05.25	PF	Nursery management in rice	02	16	-	16	4	-	4	20
15.05.25	PF	Production techniques of Export quality basmati rice	02	16	-	16	4	-	4	20
04.09.25	PF	Trench Method in sugarcane	02	16	-	16	4	-	4	20
10.09.25	PF	Role of mechanization in sugarcane crop	02	16	-	16	4	-	4	20
08.10.25	PF	Importance of micro irrigation in sugarcane	02	16	-	16	4	-	4	20
15.10.25	PF	Diversification in autumn sugarcane	02	16	-	16	4	-	4	20
Home Science										
11.01.2025	PF	Value addition of Rabi vegetables	02	0	17	17	0	03	03	20
17.02.2025	PF	Preserving of peas for a year for income generation at village level	02	0	17	17	0	03	03	20
23.03.2025	PF	Preservation of tomato at household level	02	0	17	17	0	03	03	20
19.04.2025	PF	Promoting composting and Kitchen gardening for safe and sustainable food	02	0	17	17	0	03	03	20
07.07.2025	PF	Rakhi Making by using locally available material	02	0	17	17	0	03	03	20
11.10.2025	PF	Vaccination schedule for infants	02	0	17	17	0	03	03	20
Plant Protection										
12-02-2025	PF	IPM in mentha crop	02	15	02	17	02	01	03	20
04.03.2025	PF	IPM in cucurbits crops	02	15	02	17	02	01	03	20
07.05.2025	PF	Use of seed treatment methods for the management of seed borne disease in paddy crop	02	15	02	17	02	01	03	20
03.06.2025	PF	IPM in paddy crop	02	15	02	17	02	01	03	20
10.09.2025	PF	Production of natural farming inputs	02	15	02	17	02	01	03	20
22.09.2025	PF	IPM in mango orchard	02	15	02	17	02	01	03	20
Agro forestry										
04.01.2025	PF	Planting techniques of Mentha with Agro-forestry trees	02	15	02	17	02	01	03	20
07.05.2025	PF	Planting techniques of Cymbopogon sppwithAgro-forestry trees	02	15	02	17	02	01	03	20
18.09.2025	PF	Management techniques of Agro-forestry trees	02	15	02	17	02	01	03	20
27.11.2025	PF	Plantation and nursery techniques of Poplar	02	15	02	17	02	01	03	20
18.12.2025	PF	Plantation and nursery techniques of Melia Dubia	02	15	02	17	02	01	03	20
Horticulture										
06.01.2025	PF	Production technology of Vegetables seedlings under low poly tunnel.	02	15	02	17	02	01	03	20
10.03.2025	PF	Introduction to export potential fruits crops.	02	15	02	17	02	01	03	20
06.08.2025	PF	Soilless nursery production of vegetable	02	15	02	17	02	01	03	20
02.09.2025	PF	Production technology of Exotic Vegetables.	02	15	02	17	02	01	03	20
08.12.2025	PF	Protected cultivation of vegetables crops.	02	15	02	17	02	01	03	20

i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
12.01.25	PF	Importance of micro irrigation in sugarcane	01	16	-	16	4	-	4	20
05.02.25	PF	Intercropping in spring sugarcane	01	16	-	16	4	-	4	20
12.02.25	PF	Sugarcane ratoon management	01	16	-	16	4	-	4	20
20.05.25	PF	Soil Testing and its Utility	01	16	-	16	4	-	4	20
22.05.25	PF	Integrated plant nutrient management in rice	01	16	-	16	4	-	4	20
29.06.25	PF	Weed management in rice	01	16	-	16	4	-	4	20
10.07.25	PF	Use and Importance of bio fertilizers in Kharif crops	01	16	-	16	4	-	4	20
25.09.25	PF	Intercropping of mustard in autumn planted sugarcane	01	16	-	16	4	-	4	20
02.10.25	PF	Intercropping in autumn planted sugarcane	01	16	-	16	4	-	4	20
22.10.25	PF	Scientific cultivation of wheat	01	16	-	16	4	-	4	20
13.11.25	PF	Importance of micro irrigation in pulse crop	01	16	-	16	4	-	4	20
04.12.25	PF	Weed management in wheat	01	16	-	16	4	-	4	20
18.12.25	PF	Importance of water soluble fertilizer in crops	01	16	-	16	4	-	4	20
Home Science										
10.03.2025	PF	Clean milk production and value addition to milk	01	0	17	17	0	03	03	20
05.04.2025	PF	Importance of efficient fuel energy utilization	01	0	17	17	0	03	03	20
11.04.2025	PF	Post harvest handling and storage of grain	01	0	17	17	0	03	03	20
18.04.2025	PF	Drudgery reduction tools and their uses	01	0	17	17	0	03	03	20
10.05.2025	PF	General health problem: precaution and management	01	0	17	17	0	03	03	20
14.06.2025	PF	Solar energy uses: solar cooker	01	0	17	17	0	03	03	20
03.07.2025	PF	Dehydration causes and remedies. Preparation of ORS.	01	0	17	17	0	03	03	20
27.07.2025	PF	Efficient water uses at household	01	0	17	17	0	03	03	20
04.11.2025	PF	Control of household insects and pests	01	0	17	17	0	03	03	20
Plant Protection										
06.02.2025	PF	IPM in Mentha crop	01	15	02	17	02	01	03	20
05.03.2025	PF	Management of insect and disease in zaid pulses	01	15	02	17	02	01	03	20
04-04-2025	PF	Management of major insect pest and disease in sugarcane	01	15	02	17	02	01	03	20
09.04.2025	PF	Management of root knot nematodes in vegetable crops	01	15	02	17	02	01	03	20
10-05-2025	PF	Use of seed treatment methods for the management of seed borne disease in paddy crop	01	15	02	17	02	01	03	20
14-05-2025	PF	Management of major insect pest and disease in maize crop	01	15	02	17	02	01	03	20
10-06-2025	PF	Management of major insect pest and disease in paddy crop	01	15	02	17	02	01	03	20
08-08-2025	PF	Management of major insect pest and disease in paddy crop	01	15	02	17	02	01	03	20
17.08.2025	PF	IPM in Guava orchard	01	15	02	17	02	01	03	20
09.10.2025	PF	IDM in potato crop	01	15	02	17	02	01	03	20
15.10.2025	PF	Management of mealy bug in mango orchard	01	15	02	17	02	01	03	20
06.11.2025	PF	IPM in wheat crop	01	15	02	17	02	01	03	20
12.12.2025	PF	Management of white rust and aphid in mustard crops.	01	15	02	17	02	01	03	20
Agro Forestry										
23.01.2025	PF	Trimming and pruning of Melia Dubia	01	15	02	17	02	01	03	20
13.02.2025	PF	Identification of Poplar clones in field	01	15	02	17	02	01	03	20
19.03.2025	PF	Intercropping of mentha spp. with Melia Dubia	01	15	02	17	02	01	03	20

		and agroforestry trees								
04.04.2025	PF	Fertilizer & irrigation management in Melia Dubia	01	15	02	17	02	01	03	20
15.05.2025	PF	Planting techniques of Melia Dubia	01	15	02	17	02	01	03	20
18.06.2025	PF	Planting techniques of a Aromatic crops with Agro-forestry trees	01	15	02	17	02	01	03	20
25.07.2025	PF	Planting methods of Mahogony.	01	15	02	17	02	01	03	20
21.08.2025	PF	Suitable tree species for water logged area.	01	15	02	17	02	01	03	20
30.09.2025	PF	Suitable Poplar clones in various soil.	01	15	02	17	02	01	03	20
09.10.2025	PF	Importance of Melia Dubiain field.	01	15	02	17	02	01	03	20
20.11.2025	PF	Planting techniques of Melia Dubia	01	15	02	17	02	01	03	20
11.12.2025	PF	Nursery raising techniques of Melia Dubia	01	15	02	17	02	01	03	20
Horticulture										
07.02.2025	PF	Scientific Production technology of Papaya	01	15	02	17	02	01	03	20
14.02.2025	PF	Scientific Production technology of Papaya	01	15	02	17	02	01	03	20
11.03.2025	PF	Quality improvement in cauliflower by blanching method.	01	15	02	17	02	01	03	20
14.03.2025	PF	Quality improvement in cauliflower by blanching method.	01	15	02	17	02	01	03	20
09.05.2025	PF	Preparation & layout for orchard establishment.	01	15	02	17	02	01	03	20
21.06.2025	PF	Preparation & layout for orchard establishment.	01	15	02	17	02	01	03	20
29.07.2025	PF	Point to be kept in mind at the time of production vegetables seedlings in kharif season	01	15	02	17	02	01	03	20
30.07.2025	PF	Point to be kept in mind at the time of production vegetables seedlings in kharif season	01	15	02	17	02	01	03	20
01.08.2025	PF	Point to be kept in mind at the time of production vegetables seedlings in kharif season	01	15	02	17	02	01	03	20
02.08.2025	PF	Point to be kept in mind at the time of production vegetables seedlings in kharif season	01	15	02	17	02	01	03	20
08.09.2025	PF	Precautions at the time of transplanting vegetable seedling in kharif season	01	15	02	17	02	01	03	20
09.09.2025	PF	Precautions at the time of transplanting vegetable seedling in kharif season	01	15	02	17	02	01	03	20
29.09.2025	PF	Importance of nutrient management in bulb and tuber crops	01	15	02	17	02	01	03	20
04.10.2025	PF	Quality improvement in guava by modern technology of packing & grading.	01	15	02	17	02	01	03	20

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Month	Duration (days)	No. of Participants			SC/ST participants			G.Total
					M	F	T	M	F	T	
Crop Production	Seed Production	Wheat Seed Production Techniques	Oct, 25 to March, 26	06	08	-	08	02	-	02	10
Home Science	Ensuring employment	Articles made by Macramé	Oct. 25	06	0	08	08	0	02	02	10
Plant Protection	Small scale income generating enterprises	Mushroom Production technology	Oct-25	06	06	02	08	01	01	02	10
Agro Forestry	Small scale income generating enterprises	Plantation and nursery raising techniques of Poplar and Melia Dubia and its economics.	Nov-25	06	08	02	10	0	0	0	10
Horticulture	Seed Production	Seed Production and storage of vegetables crops	October-25	06	06	02	08	02	00	02	10

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
On Campus Crop Production										
07.02.25	EF	Mechanization in sugarcane ratoon	01	08	-	08	02	-	02	10
14.02.25	EF	Sugarcane ratoon management	01	08	-	08	02	-	02	10
24.05.25	EF	Nursery management of paddy	01	08	-	08	02	-	02	10
29.05.25	EF	Role of extension worker in Export enhancement of basmati	01	08	-	08	02	-	02	10
14.08.25	EF	Importance of micro irrigation and fertigation in crops	01	08	-	08	02	-	02	10
18.09.25	EF	Intercropping in autumn planting sugarcane	01	08	-	08	02	-	02	10
11.12.25	EF	Production techniques of late sown wheat	01	08	-	08	02	-	02	10
Home Science										
19.01.2025	EF	Nutritional deficiency diseases, its symptoms and remedies in human being	01	0	08	08	0	02	02	10
27.01.2025	EF	Common food adulterants and their identification	01	0	08	08	0	02	02	10
04.05.2025	EF	Common food adulterants and their identification	01	0	08	08	0	02	02	10
06.07.2025	EF	Vaccination schedule for infants	01	0	08	08	0	02	02	10
20.11.2025	EF	Nutritional deficiency diseases, its symptoms and remedies in human being	01	0	08	08	0	02	02	10
Plant Protection										
19.05.2023	EF	Use of Bio pesticide in Organic farming	01	08		08	02	0	02	10
16.09.2023	EF	Integrated pest management (IPM) in potential crops of Rampur district	01	08		08	02	0	02	10
Agro Forestry										
21.01.2025	EF	Nutritional studies in Poplar	01	08		08	02	0	02	10
04.02.2025	EF	Intercropping of Mentha with Poplar	01	08		08	02	0	02	10
19.05.2025	EF	Cultivation techniques of Melia Dubia	01	08		08	02	0	02	10
12.06.2025	EF	Suitable tree species for water logged areas.	01	08		08	02	0	02	10
14.08.2025	EF	Intercropping techniques of Cymbopogon spp. With trees.	01	08		08	02	0	02	10
29.08.2025	EF	Silvicultural practices of Bamboo and Melia Dubia	01	08		08	02	0	02	10

25.11.2025	EF	Plantation and nursery raising techniques of Melia Dubia	01	08		08	02	0	02	10
05.12.2025	EF	Identification of Poplar clones in field.	01	08		08	02	0	02	10
Horticulture										
15.01.2025	EF	Protected cultivation of Vegetable crops.	01	08		08	02	0	02	10
02.12.2025	EF	Nursery production under low tunnel	01	08		08	02	0	02	10

iv) Sponsored programme

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
a) Sponsored training progdramme											
			Total								
b) Sponsored research programme											
			Total								
c) Any special programmes											
			Total								

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