KVK Pilibhit

DETAILS OF ACTION PLAN OF KVKs DURING 2025

(1st January 2025 to 31st 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	Website
KRISHI VIGYAN KENDRA, TANDA VIJAISI , NEORIA, PILIBHIT-262305	Office	FAX	kvkpilibhit@gmail.com	http://pilibhit.kvk4.in

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

Address	Telephone		E mail	Website
	Office	FAX		
SARDAR VALLABHBHAI PATEL UNIVERSITY OF AGRICULTURE & TECHNOLOGY, MEERUT – 250 110 (U.P.) INDIA.	(0121) 2411540	(0121) 2411511	dir.ext@svpuat.edu.in	svbpmeerut.ac.in

1.2.b. Status of KVK website : Yes

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

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

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

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. S.S.Dhaka	--	9412114409	kvkpilibhit@gmail.com

1.4. Year of sanction: 2000

1.5. Staff Position (as on 1 Novemebr 2025)

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	Please attach recent photograph
1	Scientist	Dr. Shailendra Singh Dhaka	Asso. Professor	Plant Protection	37400-67000	9000	161600.00	10.12.03 21.08.11	P	Others	9412114409	chssdhaka @gmail.com	
2	Scientist	Dr Amarjeet Singh Dhaka	SMS/ Asstt Prof.	Agronomy	15600-39100	8000	107200.00	23.06.08 02.07.22	P	OBC	9411341621	asrathi78yahoo.com	
3	Scientist	Dr Saurabh Tomer	SMS	Horticulture	15600-39100	5400	59500.00	01.07.22	P	OBC	9760189018	chaudhary.csa@gmail.com	
4	Scientist	Dr Deepak Kumar	SMS	Animal Sc.	15600-39100	5400	59500.00	01.07.22	P	SC	9760683716	deepakkumar1445@gmail.com	
5	Computer Programmer	Sh. Ajay Kumar Singh	Programme Assistant	Comutr Program mer	9300-34800	4800	83600.00	16.10.1999 05.07.24	P	SC	9758893880	praveenkumar23 @gmail.com	
6	Acountant/ O.S.	Sh. N. S. Rathore	Office Supdtt. / Accountant	---	9300-34800	4800	62200.00	19.11.07 01.07.22	P	Others	9452215713	rathore_ns @gmail.com	
7	Stenographer	Sh. M.N. Dimri	Jr.steno/ Computer Operator	---	5200-20200	2400	56900.00	01.12.95 30.07.14	P	SC	8765649746	dimrimn @gmail.com	
8	Supporting staff	Sh. Mool Kumar	Office Attendant	---	4440-7440	1800	39800.00	15.12.08 15.09.21	P	Others	9457273887	mktyagi1973@gmail.com	

1.6. Total land with KVK (in ha) : 12.00

S. No.	Item	Area (ha)
1	Under Buildings	2.00
2.	Under Demonstration Units	0.15
3.	Under Crops	8.40
4.	Horticulture	1.45
5.	Pond	--
6.	Others if any	--
	Total	12.00

1.7. Infrastructural Development:

(A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (lac Rs)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	2006	500	32.00	---	---	---
2.	Farmers Hostel	ICAR	2007	300	7.9	---	---	---
3.	Staff Quarters (6)	ICAR	2007	400	7.72	---	---	---
4.	Demonstration Units (2)	ICAR	2007	160		---	---	---
5	Fencing	ICAR	2009	1000 RM	4.72	---	---	---
6	Tube Well	ICAR	June07		2.25	---	---	---
7	Threshing floor	ICAR	June07	300	2.15	---	---	---
8	Farm godown	ICAR	June07	60	3.50	---	---	---
9	Irrigation Channel	ICAR	2007	800	4.00	---	---	---

(B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
1 Splendor Motorcycle	03/06/05	40,256.00	21356	Condemned
1 Jeep (Marshal)	30/06/04	4,00,364.00	75925	Condemned
1 Sonalika Tractor	21/12/04	3,34,350.00		Very old
1 Rajdoot Motorcycle	13/07/00	Transferred	59677	Condemned

(C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Diesel Pump 10 HP Kirloskar	3.01.2001	22481.00	Good
Steel Almirah 37x19x78 with Machine Lock	22.03.2002	2856.00	Good
Steel Almirah	20.03.2004		Good
Steel Almirah 1980x860x480	13.10.2004	6555.00	Good
Steel Almirah 1980x860x480	31.03.2006	3410.00	Good
1980x860x480	31.03.2006	3410.00	Good
1280x760x430	31.03.2006	4700.00	Good
Drum	14.12.2000	470.00	Good
Harrow 7x7 disc Bearing beam trailing type	31.01.2005	20300.00	Good
Cultivator 1 Tyne spring loaded	31.01.2005	10900.00	Good
Leveller 7' Size	31.01.2005	5200.00	Good
Board 6x4	21.11.2002	1980.00	Good
Board 10x3	19.03.2004	885.00	Good
Pin-up-board 3x4	31.03.2004	11000.00	Good
Stand Delux	31.03.2004	10400.00	Good
Tractor Trolly 3 ton 2 wheel	31.01.2005	56100.00	Good
Ridger Maker Disc Type	31.01.2005	7000.00	Good
Motorcycle Rajdoot	13.07.2000	Transferred	Good
Motorcycle Hero Honda	03.06.2005	40256.00	Good
Chair Wooden+foam	19.03.2001	6750.00	Good
Office Chair Cushioned	06.03.2003	1700.00	Good
Chair Armed Wooden	20.03.2004	4947.00	Good
Office Chair Dunlop Cushion	20.03.2004	5400.00	Good
Office Chair Armed	30.03.2004	550.00	Good
Chair Wooden	30.12.2004	3282.00	Good
Office Chair Armed seat Back	31.03.2006	27830.00	Good
Computer Chair Armless	31.03.2006	1510.00	Good
Officer Chair	06.03.2003	1700.00	Good
Bench Armed	31.03.2006	2600.00	Good

Stool Lab 460x350x650mm	31.03.2006	1250.00	Good
Pump Diesel Machine	22.06.2002	300.00	Good
Zero Till Fertiseed Drill	08.12.2001	Transferred	Good
Seed cum Ferti Drill 11 tyne double box center wheel drive	31.01.2005	18040.00	Good
Table 4x25x2.5	19.03.2001	3980.00	Good
Officer Table 1520x900x760mm	05.03.2003	5050.00	Good
Office Table	20.03.2004	22162.00	Good
Office Table 910x650x760mm	31.03.2006	4000.00	Good
Computer Table 1500x650x760mm	31.03.2006	5750.00	Good
Wooden Takht 1830x915x450mm	31.03.2006	2600.00	Good
Office Rack Wooden 915x305x760mm	31.03.2006	6560.00	Good
Steel Rack	19.03.2001	450.00	Good
Steel Book Cell 1675x840x305mm	06.03.2003	2899.50	Good
Steel Book Cell 1675x840x305mm	06.03.2003	2899.00	Good
Steel Book Cell	30.03.2004	9394.00	Good
Book Case 1675x840x305mm	31.03.2006	6720.00	Good
Padestal Fan	15.07.2001	Transferred	Good
Ceillling Fan T-Series 48''	18.03.2002	926.00	Good
Lock	19.01.2004		Good
Lock	18.10.2004	110.00	Good
Chain	18.10.2004		Good
Pipe	25.01.2004	312.00	Good
Secateur	11.03.2004	346.00	Good
Budding Knife	11.03.2004	250.00	Good
Shower	19.03.2004	180.00	Good
Slide Projector O.H.PNr. 6089-5 Kinderman	31.03.2004	Transferred	Good
Scanner HP	31.03.2004	3800.00	Good
CDRW Samsung CD Writer	31.03.2004	2200.00	Good
Iron Plates 15''x10''with Stand 4''Rod	25.08.2004	3625.00	Good
Board 3x2 with angle frame	25.08.2004	3375.00	Good
Tractor Sonalika DI 745III	21.12.2004	334350.00	Good
Sprayer cum Duster Aspee Bolo Motorised	31.01.2005	4650.00	Good
Wonowing Fan Power Drawn	31.01.2005	5270.00	Good
Computer	31.12.2003		Good
UPS			Good
Printer HP Laserjet 1000			Good
UPS	21.12.2004	2495.00	Good
Digital Still Camera Sony DSC-P 200	24.05.2006	21640.00	Good
Cooler Cooler With Tullu Pump	24.03.2005	2400.00	Good
Cooler Stand	28.03.2005	575.00	Good
Paddy Transplanter Yanki Shakti 8row 2ZT-238	30.09.2005	151667.00	Good
Tools 8 Pcs.	19.02.2007	1250.00	Good
LCD Projector Panasonic PT-PI SDEA	30.03.2007	64125.00	Good
SD Memory Card		4000.00	Good
LCD Screen Hygeine			Good
Inverter Hyundai 1400 VA	14.05.2007	7900.00	Good
Battery Exide 12 volts	14.05.2007	16600.00	Good
Trolly (Double Battery)	14.05.2007	1300.00	Good
Fax Machine Panasonic KX-FP 342	13.06.2007		Good
UPS Numeric Digital LI Series	13.06.2007		Good
Bicycle Hi-Bird Black HB 454273	22.09.2004	1825.00	Good

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

Sl.No.	Date
1. Scientific Advisory Committee	20.11.24

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	AES 1	The main crops are paddy, wheat & Sugarcane.	The soils of this region are mostly heavy with pH around 7.2.
2	AES 2	Most of the area is under forest cover with high water table. Almost 95% cultivable area is irrigated.	The soils of the region are mostly heavy.
3	AES 3	Most of the area is under Sugarcane Cultivation. This region is least fertile in comparison to other zones of the District.	The soils of the region are medium heavy to sandy.

b) Land Characteristics

S.No	Agro-Ecological Situation (AES)	Topography	Drainage
1.	AES-1	Alluvial Plains	Surface Drainage System
2.	AES-2	Alluvial Plains	Slope Drainage System
3.	AES-3	Alluvial Plains	Surface Drainage System

c) AES-wise major problems

S.No	Agro-Ecological Situation (AES)	Major problems	Rank
1.	AES-1	Insect pests infestation	I
		Use of traditional varieties	II
		Low production of livestocks	III
2.	AES-2	Insect pests infestation	I
		Flooding of lands	II
		Low productivity of fruits and vegetables	III
3.	AES-3	Less fertility of soils	I
		Low productivity of sugarcane	II

2.2. Area, Production and Productivity of major crops cultivated in the district (2024)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)	Yield gap (q/ha) with respect to demo	Yield gap (q/ha) with respect to potential yield
1	Wheat	158338	6613778.26	41.77	12.34	13.65
2	Paddy	143003	4304390.30	30.10	16.56	17.73
3	Sugarcane	87643	60334317.60	688.41	276.35	287.48

Source: District agriculture department.

2.3. Weather data (2022-23)

Year	Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
			Maximum	Minimum	Maximum	Minimum
2023	October	45.00	32.00	18.00	90	60
	November	22.00	29.00	12.00	80	50
	December	36.00	22.00	5.00	70	50
2024	January	44.00	18.00	3.00	80	40
	February	23.00	21.00	11.00	70	50
	March	16.00	29.00	13.00	60	40
	April	17.00	34.00	17.00	55	50
	May	46.00	35.00	19.00	60	60
	June	212.00	39.00	22.00	100	70
	July	234.00	41.00	24.00	100	70
	August	267.00	42.00	25.00	100	75
	September	123.00	34.00	21.00	95	70
Total		**1085.00**				

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

Category	Population	Production	Productivity
Cattle			
Cross bred	15525		
Indeginous	107758		
Buffalo	187968		
Sheep	972		
Goats	86785		
Pigs	835		
Crossbred	8311		
Indigenous	3251		
Rabbits			
Poultry			
Hens	13284		
Desi	74986		

*Statical report

2.5 Details of Operational area / Villages

Sl. No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Pilibhit	Marauri	Devipura	Sugarcane, Paddy,Wheat, Livestock	Old Varieties, Insect & disease infestation, Imbalance Feeding	Management of high incidence of pests and diseases in paddy and sugarcane, Maintenance of soil productivity through IPNM, Residue management to improve fertility of the soil, Management of high population of weeds in paddy and wheat, Balanced feeding of livestock round the year year, Nutrition management in children and farm women for better health
2	Pilibhit	Marauri	Santoshpura	Sugarcane, Paddy,Wheat, Livestock	Old Varieties, Insect & disease infestation, Imbalance Feeding	
3	Pilibhit	Marauri	Jaunapuri	Wheat,Paddy Sugarcane, Livestock	Old Varieties, Insect & disease infestation, Imbalance Feeding	
4	Bisalpur	Barkhera	Atkauna	Sugarcane, Paddy,Wheat, Livestock	Old Varieties, Insect & disease infestation, Imbalance Feeding	
5	Pilibhit	Lalauri	Shivpuriya	Paddy,Wheat, Sugarcane, Livestock	Insect & disease infestation, Fertility depletion.	

2.6 Priority major thrust areas

S. No	Thrust area
1	IPM in rice, Wheat & sugarcane
2	Poor yield of basmati rice & scented indigenous.
3	Low organic matter contents in soil
4	Imbalance use of fertilizers in major crops
5	Non adoption of plant protection measures
6	Problem of insects, diseases & lack of micronutrients in orchards
7	Lack of improved breeds of buffalo and cows
8	Lack of the feeding quality of milch animals
9	Depletion in ground water
10	Decline in soil fertility
11	Malnutrition among rural population viz children,women and adults
12	Wastage in agricultural produce
13	Scientific Food grain Storage

3. TECHNICAL PROGRAMME

3A. Details of targeted mandatory activities by KVK

OFT		FLD	
(1)		(2)	
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers
11	55	66.05	185

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
100	2000	1000	10000

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Soil Samples
(5)	(6)	(7)	(8)
200	5000		100

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									
2									
3									
4									
5									
6									
7									
8									

3.1 Technologies to be assessed and refined

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	1	--	--	--	--	--	--	--	--	1
Seed / Plant production	--	--	--	--	--	--	--	--	--	
Weed Management	1	--	--	--	--	--	--	--	--	1
Integrated Crop Management	--	--	--	--	--	--	--	--	--	
Integrated Nutrient Management	--	--	--	--	1	--	--	--	--	1
Integrated Farming System	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	--	--	--	--	--	--	--	--	--	--
Drudgery reduction	--	--	--	--	--	--	--	--	--	--
Farm machineries	--	--	--	--	--	--	--	--	--	--
Value addition	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	2	--	--	1	--	--	--	--	--	3
Integrated Disease Management	--	--	--	--	--	--	--	--	--	--
Resource conservation technology	--	--	--	--	1	1	--	--	--	2
Small Scale income generating enterprises	--	--	--	--	--	--	--	--	--	--
TOTAL	**4**	--	--	1	**2**	**1**	--	--	--	**8**

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 of Management	--	--	--	--	--	--	--	--
Value Addition	--	--	--	--	--	--	--	3
Production and Management	3	--	--	--	--	--	--	--
Feed and Fodder		--	--	--	--	--	--	--
Small Scale income generating enterprises		--	--	--	--	--	--	--
TOTAL	3	--	--	--	--	--	--	3

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

OFT 1 :-

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 (*Echinochloa colona, Echinochloa crusgalli, Fimbristylis milliaceae, 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

OFT 2 :-

Crop/Enterprises	Wheat (Rabi 2025-25)
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. A. S. Rathi

OFT 3 :-

Crop/ Enterprise	**Rice**
Title	**Management of Yellow Stem Borer and Sheath Blight in rice**
Major Problem	Low yield of rice due to heavy infestation of Yellow Stem Borer and high incidence of Sheath Blight
Major Cause	1. Heavy Infestation of Stem Borer 2. High Incidence of Sheath Blight disease
Name of Intervention	T1: Farmers Practice- Application of Cartap hydrochloride 4GR @ 20Kg /ha+ Tebuconazole 25.9 EC 750 ml /ha
	T2. 1- Seed Treatment with Carbendazim 50% WP 2g/kg will be at time of seed nursery sowing and installation of Pheromone traps 25-30 days after transplanting (Two time in 30 days interval and 30-40 traps per ha.) whereas application of Trichocards at 40-45 days after transplanting (Three Time in 7-10 days interval and 8 trichocards per ha) 2- Application of Chlorantraniliprole 0.4% GR @ 10Kg/ha will be at ETL of stem borer and Azoxystrobin 18.2 % + Difenoconazole 11.4% SC @ 500 ml/ha applying at appearance of sheath blight disease.
No. of farmers	06
Area	800X6= 4800 Sqm
Critical inputs	Bio-Agent , Insecticide and Fungicide
Production system	Rice-Wheat
Source of technology	NCIPM, New Delhi
Total Cost (Rs.)	Rs.7000/ha
Observation to be recorded	1. Plant Population per meter Square (30 days after transplanting). 2. Number of effective tillers at 60 days after transplanting. 3. Effective And Infected Tillers / meter Square (Insect/ Disease) • Dead heart data will be recorded at 30 and 45 days from randomly selected hills or 1 Square meter area. • White year head data will be recorded at the time of panicle exertion from 5 Random selected or 1sqm area. • Sheath blight data will be recorded at the time of disease appearance (60 Days after transplanting) from 5 randomly selected hills or 1sqm area. 4. Yield (10 Meter Square). 5. B:C (Benefit Cost Ratio).

OFT 4 :-

Crop / Enterprises	**Rice**
Title	**Management of Brown Plant Hopper (BPH) in rice**
Major Problem	Low yield of rice due to heavy infestation of Brown Plant Hopper (BPH)
Major Cause	1. Heavy Infestation of Brown Plant Hopper (BPH).
Name of Intervention	T1: Farmers Practice- Application of Imidacloprid 17.8 SL @ 500 ml /ha
	T2. 1. Maintenance of field sanitation. Main fields and bunds must be kept free from weeds which harbour the BPH population. 2. It is advised to alter the micro-climate of the rice plant through alternate wetting and drying technique. The field should be at least drained for 3-4 days when heavy infestations occur. 3. Split application of nitrogenous fertilizer. 4. Maintenance of optimum plant population by planting at 20x15 cm distance. 5. Conservation of spiders in the field 6. Foliar spray of Triflumezopyrim 10% SC @ 250g/Ha should be directed towards the base of the crop and to be repeated after 7-10 days on need basis.
No. of farmers	06
Area	800X6= 4800 Sqm
Critical inputs	Insecticide
Production system	Rice-Wheat
Source of technology	NCIPM, New Delhi
Total Cost (Rs.)	Rs.12000/ha
Observation to be recorded	1. No. of BPH nymphs and adults per plant • Number of insects will be recorded at 60, 75 and 90 days from randomly selected hills or 1 Square meter area. 2. Yield (10 Meter Square). 3. B:C (Benefit Cost Ratio).

OFT 5 :-

Crop/Enterprises	Sugarcane
Title	Assessment of IPM module for the management of shoot borer, top borer in sugarcane
Thematic area	Integrated Pest Management
Major Problems	Loss in cane yield (10-24%) of the crop leading to reduction in farmer's income
Major Cause	• Low quality cane production and reduction in crop productivity due to heavy infestation of shoot borer, top borer. • Reduction in height and weight of cane due to such common borer infestation • High residual effect in bi-products of sugarcane due to non judicious use of pesticides to control borer • Increase in infestation rate due to excess use of nitrogenous fertilizer.
Name of interventions	T1- Farmers practice- Furadan 3G @ 30 kg/ha and Chlorantraniliprole 18.5 SC @375 ml/ha T2- • Preference to the single bud method of sugarcane cultivation. • For the ease of **Seed treatment:** Chlorpyriphos 20 EC @40ml and Carbendazim @50g/10lit water • **Soil application:** Fertera 0.4 G @22.5 kg/ha at planting and drenching of Chlorantraniliprole 18.5 SC @375 ml/ha in 700 lit. of water at 60 DAP • **Installation of Trichocard** @7.5 card/ha(@50000 parasitoid/ha) at 45,60,75(at two weeks), 150 and 180 DAP(5 times during peak of egg laying) • **Pheromone traps** @ 27/ha at 45 DAP (lure change at an interval of 45 days) 10 meter distance from boundary & 20 meter distance between 2 trap should be maintain.
No. of farmers	05
Area	2.0 hectare (0.4×5= 2.0)
Cost of IPM modules	Rs. 9038.00/acre(Total Rs. 45190/- for 2.0 hectare area
Source of Technology	ICAR-IISR, Lucknow
Critical Input	Chloropyriphos 20 EC, Carbendazim 50WP, Fertera 0.4G, Trichocard and Pheromone trap with lure
Observation to be recorded	• Germination percent • No of tillers/5*2 m^2 • Height (m) of healthy and infected cane. • Cane girth (cm) of healthy and infected (5 cane each insect. • Infestation % of shoot borer & top borer. • Weight (g) of healthy and infested cane • Infestation of other insect-pest • Yield (t/ha) • B:C ratio • Meteorological data for crop period

OFT 6 :-

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

OFT -7

Crop/Enterprises	**Buffalo (Age group – 5 to 8 years)**
Title	Management of **repeat breeding** in dairy animals
Major Problems	Higher incidences of repeat breeding
Major cause	Nutritional deficiency and hormonal disbalance
Name of intervention	T1 : Farmers practice: Use of choker and common salt T2 : Dewormer + Use of Feed Supplement (Trace mineral) @50 gm /day /animal for 3 months + Hormonal treatment if needed
No. of Farmer	10 + 10
Thematic Area	Reproduction and breeding management
Cost of input	Rs. 10000/-
Source of Technology	ICAR-IVRI, Izatnagar
Critical Input	Mineral Mixture, Dewormer & hormonal treatment as per need
Performance indicator	**A) Technical** 1. Non Return Rate 2. Calving to conception interval

	3. Conception rate **B) Economic:** C:B Ratio C) **Social:** Adoptability

OFT - 8

Crop/Enterprises	**Cattle (Age group – 4 to 6 years)**
Title	Management of **repeat breeding** in dairy animals
Major Problems	Higher incidences of repeat breeding
Major cause	Nutritional deficiency and hormonal disbalance
Name of intervention	T1 : Farmers practice: Use of choker and common salt T2 : Dewormer + Use of Feed Supplement (Trace mineral) @50 gm /day /animal for 3 months + Hormonal treatment if needed
No. of Farmer	10 + 10
Thematic Area	Reproduction and breeding management
Cost of input	Rs. 10000/-
Source of Technology	ICAR-IVRI, Izatnagar
Critical Input	Mineral Mixture, Dewormer & hormonal treatment as per need
Performance indicator	**A) Technical** 1. Non Return Rate 2. Calving to conception interval 3. Conception rate **B) Economic**: C:B Ratio **C) Social**: Adoptability

OFT – 9

Crop/Enterprises	**Cattle/Buffalo**
Title	Management of **Peri-parturient** problems in dairy animals
Major Problems	Poor management practices during Peri-parturient period
Major cause	Poor nutrient management
Name of intervention	**T1** : Farmers practice: Use of choker +Common salt **T2** : Use of Feed Supplement (Metabolite mixture@100g/day) during transition period
No. of Farmer	10 + 10
Thematic Area	Reproduction and breeding management
Cost of input	Rs. 10000/-
Source of Technology	ICAR-NDRI, Karnal
Critical Input	Metabolite mixture
Performance indicator	A) **Technical** 1. Incidence of post parturient problems (%) 2. Service period 3. Conception rate B) **Economic:** C:B Ratio C) **Social:** Adoptability

3.2 Frontline Demonstrations

A. Details of FLDs to be organized

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers / demon.	Parameters identified
1	Mustard	Pant Shweta	Varietal Evaluation	Pant Shweta	Seed, NPK, Sulphur	Rabi 2025-25	5.0	10	Yield/ProfitNo of branches / plant
2	Lentil	KLS-0903	Varietal Evaluation	KLS- 0903	Seed, NPK, Emamectin	Rabi 2025-25	5.0	10	Yield/ProfitNo of branches / plant
3	Soybean	PS 1225	Varietal Evaluation	PS 1225	Seed, NPK, Sulphur	Kharif 2025	5.0	10	Yield/Profit No of pod / plant.
4	Wheat	HD-3086	Weed Control	Improved weedicide	Clodinafop Propargyl 15 WP @ 160 g/acre	Rabi 2025-25	8.0	20	Yield/Profit No of *P.minor* / sq.m.
5	Wheat	HD-2967	Integrated disease management	Improved Fungicide for seed Treatment & Spraying	Azoxystrobin + Difenconazole 250 ml/ acre	Rabi 2025-25	8.0	20	Yield/Profit/% infestation of disease
6	Wheat	HD-3086	Weed Control	Improved weedicide	Metsulfuron methyl 20 WP @ 8 g/acre	Rabi 2025-25	8.0	20	Yield/Profit No of BLW / sq.m.
7	Wheat	HD-3086	Weed Control	Improved weedicide	Carfentrazone 40 DF @ 20 g/acre	Rabi 2022-23	8.0	20	Yield/Profit No of BLW / sq.m.
8	Wheat	HD- 2967	IPM	Control of aphids by thiamethoxam	Thiamethoxam 25 WDG 100 g/acre	Rabi 2025-25	8.0	20	Yield/Profit
9	Paddy	PR-121	Integrated Weed Management	Pretilachlor	Pretilachlor 50 EC @ 0.5 l/ha	Kharif 2025	8.0	20	Yield/Profit, No. of weeds per sq. m.
10	Paddy	PR-121	Integrated Weed Management	Bispyruvic sodium	Bispyruvic sodium 10 SC @ 100 g/acre	Kharif 2025	4.0	10	Yield/Profit, No. of weeds per sq. m.
11	Sugar Cane	Co.-0238	IPM	Control of early shoot borer by chlorantraniliprole	Chlorantraniliprole 18.5 SC @ 150 ml/acre	Zaid 2025	4.0	10	Yield/Profit No. of insect infested plants per sq. m.
12	Paddy	PR-121	IPM	Control of stem borer in paddy	Chlorantraniliprole 18.5 SC @ 60 ml	Kharif 2025	8.0	20	Yield/Profit No. of plants / sq. m.
13	Brinjal	Pusa Hybrid-6	Varietal	Impact of improved variety (Pusa Hybrid-6)	Seed Pusa Hybrid-6	Rabi 2025-25	2.0	10	Yield B:C Ratio Yield increase (%)
14	Radish	Pusa Chetki	Varietal	Improved variety	Seed Pusa Chetki	Rabi 2025-25	3.0	10	Yield B:C Ratio Yield increase (%)
15	Veg. Pea	Azad P-3	Weed management	Pre-emergence application of pendimethalin supplemented with one hand weeding	Pendimethalin 30 EC @ 1.5 l/ha	Rabi 2025-25	2.0	10	Yield B:C Ratio Yield increase (%) Weed Spectrum
16	Nutrition garden	Seasonal vegetables & fruit saplings	Household food security by nutrition garden	Production potential technology	Seed & fruit sapling	Rabi 2025-25	0.05	05	Yield/Profit

17	Fruits & Vegetables Tomato	Seasonal vegetables & fruit saplings Local	Value addition to fruits & vegetables	Use of recommended practices and preservatives Tomato chutney	Acetic acid, KMS Sodium Benzoate, Seasonal fruits, vegetables, spices, oil, salt	Rabi 2025-25		05	Profit
18	Cereals and pulses	Millets, wheat, moong, gram	Value addition of cereals and pulses.	Sprouting, malting and mixing of cereals and pulses	Wheat, gram, peanuts, bajra, jowar, maize, moong etc.	Kharif 2025		05	Profit, enhancement of nutritive value
					Total		**60.05**	**185**	

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	16	Jan -Dec	767
2	Farmers Training	20	Jan -Dec	400
3	Media coverage	45	Jan -Dec	--
4	Training for extension functionaries	15	Jan -Dec	300

C. Details of FLD on Enterprises

(i) Farm Implements : : Nil

(ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. etc.	Critical inputs	Performance parameters / indicators
Imbalanced feeding in milch cattle/ buffalo.	Milch cattle/ Buffalo	10	20	Chelated Mineral mixture with multivitamin syrup	1. Milk production 2. Yield persistency 3. Proper heat period 4.Service per conception 5. Conception rate 6. Adoptability 7. Economics (B:C ratio)
Berseem (Maximum fodder production)	Fodder production	10	1.0 ha	Berseem– BL-44 With Vermicompost	1.Production performance 2. Yield 3. No of cutting
Azolla	Milch Animal (Cow/Buffalo/Goat)	10	20	Azolla, Plastic sheet, Nylon Sheet, SSP	1. Milk production 2. Yield persistency 3. Proper heat period 4.Service per conception 5. Conception rate 6. Adoptability 7. Economics (B:C ratio)
Importance of Dewormer in Cow/ Buffalo	Milch Animal (Cow/Buffalo)	10	10 Adult 20 calf	Dewormer	1. Animal Health 2. Growth rate 3. Milk production 4. Proper heat period

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

A) ON 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	1	16	1	17	2	1	3	20
Crop Diversification	1	13	1	14	5	1	6	20
Fertilizer Management								
Integrated Crop Management	2	28	2	30	10	-	10	40
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	1	17	0	17	3	0	3	20
Protected cultivation	1	18	0	18	2	0	2	20
III Soil Health and Fertility Management								
IV Livestock Production and Management								
Dairy Management	1	15	2	17	2	1	3	20
Poultry Management	1	16	1	17	2	1	3	20
Piggery Management								
Rabbit Management/goat								
Disease Management	1	17	0	17	3	0	3	20
Feed management	1	16	1	17	2	1	3	20
Production of quality animal products								
V Home Science/Women empowerment								
Design and development for high nutrient efficiency diet	01	-	17	17		3	3	20
Value addition	01	-	18	18		2	2	20
Income generation activities for empowerment of rural women	01	-	19	19		1	1	20
House hold food security through nutrition garden	01	-	18	18		2	2	20
VI Agril. Engineering								
VII Plant Protection								
Integrated Pest Management	2	28	1	29	10	1	11	40
Integrated Disease Management	3	42	3	45	15	--	15	60
Bio-control of pests and diseases	1	17	1	18	2	-	2	20
Production of bio control agents and bio pesticides								
VIII Fisheries								
IX Production of Inputs at site								
Seed Production	1	17	2	19	1	-	1	20
Vermi-compost production	1	16	2	18	2	--	2	20
Small tools & Implements								
Organic manures production								
X Capacity Building and Group Dynamics								
Leadership development	1	13	1	14	5	1	6	20
Group dynamics	1	13	2	15	5	-	5	20
Formation and Management of SHGs	1	14	2	16	2	2	4	20
Mobilization of social capital	1	1	19	19	1	-		20
Entrepreneurial development of farmers/youths	1	13	5	18	2		2	20
WTO and IPR issues	1	11	1	12	7	1	8	20
XI Agro-forestry								
TOTAL	**27**	**353**	**67**	**420**	**106**	**14**	**120**	**540**
(B) RURAL YOUTH								
Seed Production of Cereal	2	14	--	14	06	--	06	20
Bio fertilizer	1	7	--	7	3	--	3	10

Agro forestry	1	10	--	10	--	--	--	10
Home Science	2	--	17	17	--	3	3	20
Vermi compost	1	10	--	10	--	--	--	10
Nursery Management of Horticulture crops	2	15	0	15	5	0	5	20
Protected cultivation	1	7	0	7	3	0	3	10
Total	**08**	**41**	**25**	**65**	**09**	**5**	**15**	**80**
(C) Extension Personnel								
Productivity enhancement in field crops	2	39	--	39	1	--	1	40
Integrated Pest Management	2	34	--	34	6	--	6	40
Integrated Nutrient management	1	15	--	15	5	--	5	20
Protected cultivation technology	1	13	--	13	7	--	7	20
Group Dynamics and farmers organization	2	30	--	30	10	--	10	40
Use of A.V.Aids in transport technology	1	12	--	12	8		8	20
Food grain Storage	1	15	--	15	5	--	5	20
Production and use of organic inputs	1	15	--	15	5	--	5	20
Low cost & nutrient efficient diet designing	2	--	36	36	--	-	4	40
Value addition	1	--	15	15	5	--	5	20
Integrated Disease Management	2	30	--	30	10	--	10	40
Water Conservation	1	15	--	15	5	--	5	20
Seed Treatment	2	28	--	28	12	--	12	40
Bio Pesticides	1	15	--	15	5	--	5	20
Bio Fertilizers	1	17	--	17	3	--	3	20
Fertilizer Management	1	16	--	16	4	--	4	20
Organic Farming	1	16	--	16	4	--	4	20
Recycling of organic Waste	1	14	--	14	6	--	6	20
Inter cropping	1	15	--	15	5	--	5	20
Vermi compost	1	17	--	17	3	--	3	20
Chemical solutions Preparation	1	19	--	19	1	--	1	20
Productivity & enhancement in forestry	2	35	--	35	5	--	5	40
Training & Prunning	1	15	--	15	5	--	5	20
Women & child care	2	--	36	36	--	4	4	40
Low and high volume of vegetable crop	1	8	0	8	2	0	2	10
Management of orchard	1	8	0	8	2	0	2	10
Nursery management in horticulture crop	1	9	0	9	1	0	1	10
Total	**34**	**458**	**87**	**545**	**127**	**8**	**135**	**680**
G.T.	**69**	**901**	**259**	**1160**	**143**	**37**	**180**	**1300**

A) 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	2	32	3	35	4	1	5	40
Organic Farming	1	13	1	14	5	1	6	20
Cropping Systems	1	13	1	14	5	1	6	20
Production & use of organic Inputs	1	9	6	15	3	2	5	20
Inter Cropping	1	26	3	29	9	2	11	40
Production Enhancement in field crops	4	56	5	61	16	3	19	80
Seed production/Treatment	1	13	1	14	5	1	6	20

Recycling of organic West	1	11	2	13	4	3	7	20
Integrated Crop Management	1	14	1	15	5	--	5	20
Planning & budgeting of Farming	1	13	1	14	5	1	6	20
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	5	82	0	82	18	0	18	100
Micro irrigation	1	18	0	18	2	0	0	20
b) Fruits								
Layout and Management of Orchards	1	18	0	18	2	0	2	20
Management of young plants/orchards	2	33	0	33	7	0	7	40
Micro irrigation	1	18	0	18	2	0	0	20
d) Plantation crops								
Production and Management technology	1	18	0	18	2	0	2	20
III Soil Health and Fertility Management								
Soil fertility management	1	16	4	20	-	-	-	20
Green Manuring	1	12	2	14	5	1	6	20
Integrated Nutrient Management	3	40	5	45	13	2	15	60
IV Livestock Production and Management								
Dairy Management	3	36	9	45	12	3	15	60
Poultry Management	2	33	1	34	5	1	6	40
Piggery Management	2	32	3	35	4	1	5	20
Rabbit Management /goat	3	54	4	58	2	-	2	60
Disease Management	2	33	2	35	4	1	5	40
Feed management	2	32	2	34	5	1	6	40
Production of quality animal products								
V Home Science/Women empowerment								
Design and development of low /medium cost diet	1	-	18	18	-	2	2	20
Design and development for high nutrient efficiency diet	1	-	20	20	-			20
Value addition	3	-	50	50	-	10	10	60
Income generation activities for empowerment of rural women	2	-	31	31	-	9	9	40
House hold food security through nutrition garden	2	-	36	36	-	4	4	40
Storage loss minimization techniques	2	-	20	20	-			40
Women and child care	2	-	33	20	-	7	7	40
VI Agril. Engineering								
VII Plant Protection								
Integrated Pest Management	5	82	3	85	12	3	15	100
Integrated Disease Management	3	49	2	51	8	1	9	60
Bio-control of pests and diseases	2	28	2	30	9	1	10	40
Seed Treatment	2	34	1	35	5	-	5	40
Preparation of chemical solutions	1	17	-	17	3	-	3	20
Integrated Pest management in vegetables	2	32	3	35	4	1	5	40
VIII Fisheries								
IX Production of Inputs at site								
Vermi-compost production	2	26	4	30	8	2	10	40
Organic manures production	1	13	1	14	5	1	6	20
X Capacity Building and Group Dynamics								
Leadership development	1	12	2	14	5	1	6	20
Group dynamics	1	11	3	14	4	2	6	20
Formation and Management of SHGs	1	15	3	18	2	-	2	20
Mobilization of social capital	1	12	3	15	4	1	5	20
Entrepreneurial development of farmers/youths	1	14	2	16	3	1	4	20
WTO and IPR issues	1	12	3	15	4	1	5	20
XI Agro-forestry								
TOTAL	**70**	**845**	**296**	**1141**	**187**	**72**	**259**	**1400**

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	2	38	1	39	1	-	1	40
Organic farming	1	13	1	14	5	1	6	20
Cropping Systems	1	13	1	14	5	1	6	20
Crop Diversification	1	13	1	14	5	1	6	20
Seed production	1	13	1	14	5	1	6	20
Integrated Crop Management	4	56	4	60	20	--	20	80
Production of organic inputs	1	9	6	15	3	2	5	20
Inter Cropping	2	32	6	38	2	-	2	40
Production Enhancement in field crops	4	66	5	71	7	2	9	80
Recycling of organic waste	1	11	2	13	4	3	7	20
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	6	99	0	99	21	0	21	120
Protected cultivation	1	18	0	18	2	0	2	20
Micro irrigation	1	18	0	18	2	0	2	20
b) Fruits								
Layout and Management of Orchards	1	18	0	18	2	0	2	20
Management of young plants/orchards	2	33	0	33	7	0	7	40
Micro irrigation	1	18	0	18	2	0	2	20
c) Plantation crops	0	0	0	0	0	0	0	0
Production and Management technology	1	18	0	18	2	0	2	20
III Soil Health and Fertility Management								
Soil fertility management	1	12	2	14	5	1	6	20
Integrated Nutrient Management	2	36	1	37	2	1	3	40
Bio Fertilizer for enhancement of soil fertility	1	12	3	15	4	1	5	20
Production and use of organic inputs	1	12	3	15	4	1	5	20
Green Manuring	1	11	3	14	4	2	6	20
Micro nutrient deficiency in crops	1	19	-	19	1	-	1	20
IV Livestock Production and Management								
Dairy Management	5	61	13	74	21	5	26	100
Poultry Management	3	53	1	54	5	1	6	60
Piggery Management	2	24	6	30	8	2	10	40
Rabbit Management/goat	3	53	2	55	4	1	5	60
Disease Management	2	26	4	30	8	2	10	40
Feed management	2	34	1	35	4	1	5	40
Production of quality animal products	2	32	3	35	4	1	5	40
V Home Science/Women empowerment								
Design and development of low /medium cost diet	1		20	20				20
Design and development for high nutrient efficiency diet	2		40	40				40
Value addition	3		55	55		5	5	60
Income generation activities for empowerment of rural women	3		60	60				60
House hold food security through nutrition garden	3		60	60				60
Storage loss minimization techniques	2		40	40				40
Women and childcare	3		60	60				60
VI Agril. Engineering								
VII Plant Protection								
Integrated Pest Management	7	120	11	131	7	2	9	140
Integrated Disease Management	5	83	8	91	6	3	9	100

Bio-control of pests and diseases	2	28	2	30	9	1	10	40
Seed Treatment	3	41	4	45	13	2	15	60
Preparation of Chemical Solutions	3	52	4	56	3	1	4	60
VIII Fisheries								
IX Production of Inputs at site								
Vermi Compost	3	39	5	44	13	3	16	60
Small tools & implements	3	38	6	44	13	3	16	60
X Capacity Building and Group Dynamics								
Leadership development	3	37	8	45	12	3	15	60
Group dynamics	2	23	5	28	9	3	12	40
Formation and Management of SHGs	2	26	4	30	8	2	10	40
Mobilization of social capital	2	33	4	37	2	1	3	40
Entrepreneurial development of farmers/youths	2	36	1	37	3	-	3	40
WTO and IPR issues	1	18	-	18	2	-	2	20
XI Agro-forestry								
TOTAL	**101**	**1266**	**474**	**1740**	**238**	**62**	**300**	**2020**
(B) RURAL YOUTH								
Seed Production of Cereal	1	10	--	10	--	--	--	10
Seed Production of vegetable crops	1	10	--	10	--	--	--	10
Bio fertilizer	1	7	--	7	3	--	3	10
Rural craft	1	--	8	8	--	2	2	10
Agro forestry	1	10	--	10	--	--	--	10
Home Science	2	--	17	17	--	3	3	20
Vermi compost	1	10	--	10	--	--	--	10
Total	**8**	**47**	**25**	**72**	**3**	**5**	**8**	**80**
(C) Extension Personnel								
Productivity enhancement in field crops	2	39	--	39	1	--	1	40
Integrated Pest Management	2	34	--	34	6	--	6	40
Integrated Nutrient management	1	15	--	15	5	--	5	20
Protected cultivation technology	1	13	--	13	7	--	7	20
Group Dynamics and farmers organization	2	30	--	30	10	--	10	40
Use of A.V.Aids in transport technology	1	12	--	12	8		8	20
Food grain Storage	1	15	--	15	5	--	5	20
Production and use of organic inputs	1	15	--	15	5	--	5	20
Low cost & nutrient efficient diet designing	2	--	36	36	--	-	4	40
Establishment of orchards	1	15	--	15	5	--	5	20
Value addition	1	--	15	15	5	--	5	20
Integrated Disease Management	2	30	--	30	10	--	10	40
Water Conservation	1	15	--	15	5	--	5	20
Seed Treatment	2	28	--	28	12	--	12	40
Bio Pesticides	1	15	--	15	5	--	5	20
Bio Fertilizers	1	17	--	17	3	--	3	20
Fertilizer Management	1	16	--	16	4	--	4	20
Micro nutrient management	2	34	--	34	6	--	6	40
Organic Farming	1	16	--	16	4	--	4	20
Recycling of organic Waste	1	14	--	14	6	--	6	20
Inter cropping	1	15	--	15	5	--	5	20
Vermi compost	1	17	--	17	3	--	3	20
Chemical solutions Preparation	1	19	--	19	1	--	1	20
Productivity & enhancement in forestry	2	35	--	35	5	--	5	40
Training & Prunning	1	15	--	15	5	--	5	20
Nursery Management	1	18	--	18	2	--	2	20
Women & child care	2	--	36	36	--	4	4	40
Total	**34**	**530**	**40**	**570**	**90**	**20**	**110**	**680**
Grand total	**143**	**2280**	**200**	**2480**	**230**	**70**	**300**	**2780**

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 (Est.)		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	22	1200	100	1300	30	10	40	1230	110	1340
Kisan Mela	8	1500	100	1600	350	50	400	1850	150	2000
Kisan Ghosthi	55	2000	300	2300	500	200	700	2500	500	3000
Exhibition	2	70	30	100	--	--	--	70	30	100
Film Show	--	--	--	--	--	--	--	--	--	--
Farmers Seminar	--	--	--	--	--	--	--	--	--	--
Workshop	--	--	--	--	--	--	--	--	--	--
Group meetings	24	200	50	250	--	--	--	200	50	250
Lectures delivered as resource persons	150	7000	1000	800	--	--	--	7000	1000	8000
Newspaper coverage	120	--	--	--	--	--	--	--	--	--
Radio talks	11	--	--	--	--	--	--	--	--	--
TV talks	5	--	--	--	--	--	--	--	--	--
Popular articles	24	--	--	--	--	--	--	--	--	--
Extension Literature	5	--	--	--	--	--	--	--	--	5000
Advisory Services										
Scientific visit to farmers field	412	350	62	412	--	--	--	350	62	600
Farmers visit to KVK	320	300	20	320	--	--	--	300	20	320
Diagnostic visits	24	150	50	200	--	--	--	150	50	200
Exposure visits	12	450	150	600	--	--	--	450	150	600
Ex-trainees Sammelan	1	50	--	50	--	--	--	50	--	20
Soil health Camp	5	170	30	200	--	--	--	170	30	200
Animal Health Camp	1	50	--	50	--	--	--	50	--	50
Agri mobile clinic	--	--	--	--	--	--	--	--	--	--
Soil test campaigns	8	300	100	400	--	--	--	300	100	400
Farm Science Club Conveners meet	2	40	10	50	--	--	--	40	10	50
Self Help Group Conveners meetings	2	20	20	40	--	--	--	20	20	40
Mahila Mandals Conveners meetings	4	--	100	100	--	--	--	--	100	100
Celebration of important days (specify)	5	400	100	500	--	--	--	400	100	500
Krishi Mohostva	2	150	50	200	--	--	--	150	50	200
Pre Kharif workshop	1	90	10	100	--	--	--	90	10	100
Pre Rabi workshop	1	90	10	100	--	--	--	90	10	100
Any Other (Specify)	**10**	**800**	**100**	**900**	**100**	**--**	**100**	**900**	**100**	**1000**
Total	**1236**	**15380**	**2392**	**10572**	**980**	**260**	**1240**	**16360**	**2652**	**24170**

3.5 Target for Production and supply of Technological products

SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
CEREALS	Paddy	PB- 1718	200
	Wheat	DBW-303	200
		Total	**400**

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS		Guava	500
		Mango	500
VEGETABLES	Seasonal	Brinjal	3000
		Cabbage	3000
FOREST SPECIES		Tomato	2000
		Onion	12000
		Total	**20000**

Bio-products

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
BIO PESTICIDES				
1 Vermi Compost	Vermi Compost	--	--	2500

LIVESTOCK : Nil

3.6 Literature to be Developed/Published : 50

(A) KVK News Letter

Date of start : April 2025

Number of copies to be published : 100

(B) Literature to be developed/published

S.No.	Topic	Number
1	Research paper each scientist	12
2	Technical reports	6
3	News letters	2
4	Training manual all discipline	12
5	Popular article	12
6	Extension literature	6
	Total	**50**

(C) Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1	YouTube Videos	Farmers success stories & Innovation	10
		New technologies Introduced by KVKs	10

3.7. Success stories/Case studies identified for development as a case. - 10

a. Brief introduction
b. Interventions
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** - According to the need of farmers known through their visit to the centre, questions asked by them during the kisan melas & goshthies organized by various agencies throughout the year.
    - power point presentations
    - Flexi charts
    - banners
- **Rural Youth -** The potential of district is seen by self-watch and by the questions asked by youths at various places. Also the potential of market is watched that what suitable techniques will be useful for self-employment.
    - Presentations
    - Flexies
- **In-service personnel -** The problems and issues raised by farmers before extension functionaries are asked by them through various interactions with them. Then the knowledge status of these personnel is found out to fill the gap of their knowledge so that they can deal with farmer in the better manner.
    - Presentations
    - Flexies

3.9 Indicate the methodology for identifying OFTs/FLDs –

The PRA survey is conducted once in the villages of every AES of the district to know about the major issues and problem of the area. Then the main problems are ranked by using the matrix ranking system to know the possible strategy to be made for each problem. The problem cause diagram is also made to come across all the possible solution of any particular problem of any

major crop or enterprise. The group discussion of farmers at various level is also conducted at various level to get acquainted with their views. Time to time discussions with extension personnel are also done to know about all the problems being faced and raised by the farmers and then a overall plan for various FLDs and Ofts to be done is Made.

For OFT :

i) PRA
ii) Problem identified from Matrix
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) : 05 (Marauri, lalauri, Barkhera)

ii. No. of farm families selected per village : 20

iii. No. of survey/PRA conducted : 02

iv. No. of technologies taken to the adopted villages : 07

v. Name of the technologies found suitable by the farmers of the adopted villages : 05

vi. Impact (production, income, employment, area/technological–horizontal/vertical) : 67

vii. Constraints if any in the continued application of these improved technologies

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab: Not installed yet

1. Year of establishment : 2007

2. List of equipment's purchase with amount

Sl. No.	Name of the equipment	Quantity	Cost (Rs)
1			

3. Targets of samples for analysis : Nil

4.0 LINKAGES

4.1 Functional linkage with different organizations

Sl.No.	Name of organization	Nature of Linkage
1.	Agri. Deptt., U.P. Govt.	Participation in meetings, Training Programmes, Fair, Preparation of distt report, Kisan Kalyan Abhiyan, Million farmers school, Kisan Pathshala
2.	TATA Chemicals	Training Programmes
3.	Horticulture Deptt.	Training, Fair, Gosthi, Meetings
4.	Cane Deptt.	Training, Fair, Gosthi, Meetings
5.	Fisheries Deptt.	Training, Fair, Gosthi, Meetings
6.	U. P. Agro	Training, Fair, Gosthi, Meetings
7.	Rural Development Deptt.	Training, Fair, Gosthi, Meetings
8.	Akashwani, Rampur	Radio Talk (Mass Communication)
9.	D.D., Bareilly, D.D. Kisan	T.V. Talks Relay
10.	Local News Paper	Mass Communication
11	IFFCO	Training, Gosthi, Meetings, Field days
12	KRIBHCO	Training, Gosthi, Meetings, Field days
13	National Fertilizers Limited	Training, Gosthi, Meetings, Field days
14	Animal Husbandry	Training, Gosthi, Meetings
15	UP Seed Development Corporation	Training, Gosthi, Meetings
16	ATMA	Kisan Mela, Farmers Goshthi, Farmers School, Farmers Scientist Interaction
17	NABARD	Farmer clubs, FPOs
18	Lead Bank	Training, Gosthi, Meetings
19	NGOs	Training, Gosthi, Meetings

4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage
1	Kisan Mela	Delivering lectures as resource person
2	Farmers Goshthi	Delivering lectures as resource person
3	Farmers School	Delivering lectures as resource person
4	Farmers Scientist Interaction	Delivering lectures as resource person

4.3 Give details of programmes under National Horticultural Mission. : N.A.

4.4 Nature of linkage with National Fisheries Development Board : N.A.

5.0 Utilization of hostel facilities : Nil

6.0 Partnership with departments for technology out scaling (proposed) : Nil

Annexure - I

Detailed Training Programmes

i) Farmers & Farm women (On Campus)

Subject	Title of Training Programme	Date	Duration Days	No. of Participants	
				Male	Female
Ist Quarter – January to March 2025					
Crop Production	Intercropping in spring sugarcane Production technology of Moong.	Feb.04-07 Mar.06-07	4 4	18 18	2 2
Plant protection	Disease Management in wheat.	Jan. 18-21	4	20	-
Home Science	House hold food security through nutrition garden	Jan.-22-25	4	--	20
Horticulture	Seed production techniques of Sunflower.	Jan. 27-30	4	18	2
Livestock Production	Disease management in farm animals	Feb. 05-08	4	18	2
IInd Quarter – April to June 2025					
Crop Production.	Scientific techniques of paddy nursery.	May 06-07	4	18	2
Plant protection	Control of insect pests in stored food grains.	Apr., 22-23	4	19	1
Home Science	Design and development of low cost and high nutrients efficiency diet with use of millets	May, 15-18	4	-	20
Livestock Production	Importance of Mineral mixture in dairy animal	May 01-04	4	18	2
Horticulture	INM in Cucurbitaceous crop	April 12-15	4	18	2
IIIrd Quarter – July to September 2025					
Crop Production	Scientific cultivation of Toria/ Mustard.	Aug.27-30	4	17	3
Plant protection	Integrated management of leaf folder in Basmati rice .	July 01-04	4	19	1
	Management of stem borer in paddy	Aug.05-08	4	18	2
Home Science	Malnutrition causes, symptoms & remedies and designing balanced diet in limited resources	July 7-10	4	-	20
Horticulture	Production technique of onion crop	Sept., 13-16	4	17	20
Livestock Production	Balance feeding of cattle and buffalo	Aug 22-25	4	16	4
IVth Quarter – October to December 2025					
Crop Production	Integrated weed management in wheat.	Oct. 05-08	4	16	4
Plant protection	Integrated pest management of soil arthropods in Rabi crops	Oct. 09-12	4	19	1
	Control of Smut, Rust & Karnal Bunt in Wheat.	Dec. 11-14	4	18	2
Home Science	Preparation of low cost nutritive recipes with use of millets	Oct. 15-18	4	-	20
Horticulture	Protected cultivation of vegetables crop	Nov. 10-13	4	18	2
Livestock Production	Care and management of calves during winter season	Dec. 06-09	4	17	3

i) Farmers & Farm women (Off Campus)

Ist Quarter –January to March 2025					
Crop Production	1. Importance and use of Bio-fertilizers in Moong crop.	Jan. 23	1	18	2
	2. Improved production techniques of sunflower.	Feb. 05	1	16	4
	3. Importance and production technology of Urd and Moong in rice wheat cropping system.	Feb. 26	1	19	1
Plant Protection	1. Control of loose smut in wheat through cultural biological & chemical method.	Jan 20	1	19	1
	2. Control of early shoot borer in sugarcane.	Feb. 10	1	18	2
	3. Control of armyworm & karnal bunt in wheat.	Mar 7	1	19	1
Home Science	1. House hold food security through nutrition garden	Feb 8	1	--	20
	2. Clean milk production and value addition of milk	Jan. 6	1	--	20
	3. Value addition of seasonal fruits and vegetables.	Mar.11	1	--	20
Horticulture	1 Importance & implementation of micro irrigation system in litchi orhcrad	Jan 3	1	18	2
	2 Production technique of Cucumber	Feb 8	1	17	3
	3. Mgt. of mango orchard.	March 02	1	19	1
Livestock Production	1. Green fodder production throughout the year	Jan. 02	1	18	2
	2. Management of milking animal during summer season	Feb. 03	1	17	3
	3. Increase milk yield in buffaloes by adding feed supplement of calcium, phosphorus and vitamin D	March 13	1	18	2
IInd Quarter – April to June 2025					
Crop Production	1 Green manure crops & its importance in soil health.	Apr. 16	1	15	5
	2. Scientific techniques of paddy nursery	May 4	1	18	2
	3. Management of Cultural operation in sugarcane.	June 7	1	19	1
Plant protection	1. Management of termite in sugarcane.	Apr. 09	1	19	1
	2. Management of early shoot borer in sugarcane.	May 13	1	18	2
	3. Diseases of rice nursery & their management.	June 6	1	19	1
Home Science	1. Design and development of low /medium cost diet utilizingmillets	April.23	1	--	20
	2. Nutrition management during different physiological conditions	May 22	1	--	20
	3.value addition of seasonal fruits and vegetables at household level	June.23	1		20
Horticulture	1 Production technique of bottle gourd crop.	June 07	1	18	2
	2. Production technique of bitter gourd crop.	May 10	1	15	5
	3. Production technique of kharif season onion	Jun. 02	1	18	2
Livestock Production	1. Balanced ration for milch animals and heifers	Apr. 03	1	16	4
	2. Effect of deworming in farm animals	May 04	1	17	3
	3. Mastitis and udder infection in milch animals : Causes and prevention	June 07	1	18	2
IIIrd Quarter – July to September 2025					
Crop Production	1. Crop production Technique of millets.	Jul 10	1	18	2
	2. Water management in rice.	July 18	1	19	1
	3.Awareness about High yielding varieties of Toria and Mustard for better production	Aug 19	1	18	2
	4 Techniques of natural farming.	Sept 16	1	18	2
Plant Protection	1. Leaf Folder & stem borer control in Paddy	Aug. 01	1	17	3
	2. Control of Bacterial Blight & Blast in rice.	Aug. 13	1	19	1
	3. Management of vector pests in kharif crops	Sep. 14	1	19	1
	4. Control of BPH in paddy.	Sep 25	1	18	2
Home Science	1. Value addition of cereal crops for better nutrition	July.17	1	--	20
	2. House hold food security through nutrition garden	July.27	1	--	20
	3 Drudgery reduction & work simplification techniques of farm women during paddy harvesting	Sep.19	1	--	20
Horticulture	1 Management of manures & fertilizers in Litchi & Mango orchard	Jul 04	1	18	2
	2 Production technique of potato crop	Aug 09	1	17	3

	3 Techniques of vegetable pea cultivation	Sep 21	1	18	2
Livestock Production	1. Mastitis diseases in milch animals its causes and control. 2. Symptoms, prevention and control of FMD disease 3. Feeding management in dairy animal	July 03 Aug. 29 Sep 19	1 1 1	16 14 15	4 6 5
IVth Quarter – October to December 2025					
Crop Production	1. Scientific Cultivation of Lentil. 2. Importance and techniques of trench method of planting in sugarcane. 3. Integrated Weed Management in wheat 4. Importance & use of Organic farming..	Oct. 09 Oct . 14 Nov.25 Dec. 24	1 1 1 1	16 17 18 18	4 3 2 2
Plant Protection	1.Rat control by Zinc Phosphide 2. Technique of seed treatment and its importance in Rabi Crops. 3. Management of non-insect pests in rabi pulses 4. Control of rusts in wheat.	Oct. 19 Nov. 7 Nov., 16 Dec. 21	1 1 1 1	18 19 18 17	2 1 2 3
Home Science	1. Designing low cost diets utilizing coarse grains and pulses 2.Nutrition management during different physiological conditions 3. Malnutrition- causes and remedies and nutrition management.	Oct. 15 Nov. 13 Dec.11	1 1 1	- - -	20 20 20
Horticulture	1. Importance & implementation of micro irrigation system in vegetable crops 2. Production technology of early cucurbits crop. 3. Layout & Plantation of Guava & mango orchard.	Oct 10 Nov.8 Dec. 05	1 1 1	18 18 19	2 2 1
Livestock Production	1. Infertility management in dairy animal 2. Care of milch animals and calves in winter season 3. Care and feed of newly born calves	Oct 11 Nov. 28 Dec. 22	1 1 1	13 16 15	7 4 5

ii) Vocational training programmes for Rural Youth

Subject	Title of Training Programme	Date	Duration Days	No. of Participants	
				M	F
Ist Quarter – January to March 2025					
Home Science	Value addition of different food crops for better nutrition	January 11-17	7	--	10
Livestock Production	Different aspect of Natural Farming	January 16-23	7	10	--
Horticulture	Nursery management of horticulture crops	Feb. 17- 24	7	3	7
IInd Quarter – April to June 2025					
Crop Production	Natural farming.	May 13-19	7	10	---
Horticulture	Protected cultivation of flower & vegetable crops	June 12-19	7	10	---
Livestock Production	Technique of vermicomposting in Natural Farming and Organic Farming	May. 15-22	7	10	--
IIIrd Quarter – July to September 2025					
Horticulture	Nursery raising in vegetables crop	Sep. 11-18	7	10	---
Livestock Production	Techniques of Poultry farming	Aug. 14-21	7	17	3
IVth Quarter – October to December 2025					
Crop Production	Seed production technology of wheat.	Oct., 12-18	7	10	---
Home Science	Preparation of house old articles utilizing different craft techniques	Nov., 14-20	7	--	10
Horticulture	Propagation techniques of fruit plants	Dec. 13-20	7	10	--
Livestock Production	Techniques and benefits of Goat rearing	Nov., 13-20	7	10	--

iii) Training programme for extension functionaries

Subject	Title of Training Programme	Date	Duration Days	No. of Participants
Ist Quarter – January to March 2025				
Crop Production	1. INM in sugarcane. 2. Techniques of Sunflower production in Zaid season.	Feb 16 Mar. 19	1 1	20 20
Plant protection	1. IPM Techniques of sugarcane. 2.Management practices for aphid in Rapeseed & Mustard.	Feb. 06 Jan 15	1 1	20 20
Home Science	1. Food safety for nutritional security among rural masses 2. Low cost and nutrient efficient diet design for efficient management of malnutrition	Jan, 7 Mar.15	1 1	20 20
Horticulture	1. Nursery raising of cucurbits in poly bag/ Pro tray.	Mar 10	1	20
Livestock Production	1. Lumpy Skin Disease of cattle: Cause and Prevention 2. Common breeding system in farm animals	Jan. 09 Feb. 06	1 1	20 20
IInd Quarter – April to June 2025				
Crop Production	1. Importance and techniques of SRI. 2. Production technology of Hybrid rice.	Apr 24 May 24	1 1	20 20
Plant Protection	1. Identification of common bio agents & their role in management of pests & diseases of crops. 2. Control of insect pests in food grains storage.	May 21-22 Apr 25-26	1 1	20 20
Home Science	1 Malnutrition – causes, symptoms, remedies & Nutrition management.	June 15	1	20
Livestock Production	1. Problem and control of sterility in animals 2. Buffalo rearing and its profitability.	Apr. 10 May 12	1 1	20 20
Horticulture	Production technique of off season vegetables.	May 25	1	20
IIIrd Quarter – July to September 2025				
Crop Production	1. Trench method of sugarcane planting. 2. Intercropping in Autumn sugarcane.	Aug.29. Sept.11	1 1	20 20
Plant Protection	1. Identification & control of insects pests & diseases of rice crop. 2. Management of stem borer in paddy	July 06 Aug 07	1 20	20 20
Home Science	1.Child care during early childhood 2. Nutrition management for women during different physiological conditions	Aug 07 Sep. 24	1 1	20 20
Horticulture	1. Layout & plantation of mango, litchi & guava crops	Sept. 29	1	20
Livestock Production	1. Importance of vaccination in farm animals 2. Feeding management of Goat	July 11 Sept. 13	1 1	20
IVth Quarter – October to December 2025				
Crop Production	1.Scientific cultivation of Barseem 2.Integrated Weed Management in Wheat.	Oct. 08 Nov.28	1 1	20 20
Plant Protection.	1. Technique of seed treatment and its importance in Rabi Crops. 2. Insect & disease management in Rabi Pulses.	Oct 23 Nov. 06	1 1	20 20
Home Science	1. Preparation of teaching aids utilizing local material for Aanganwadi centres. 2.Development during early childhood	Oct 17 Dec 01	1 1	20 20
Horticulture	1. Rejuvenation of mango orchard	Nov 16	1	20
Livestock Production	1. Importance of mineral vitamins in animal feeds 2. Use of mineral mixture and its importance for milch animals	Nov 07 Dec 01	1 1	20 20

ANNUAL ACTION PLAN

(JANUARY 2025 – DECEMBER 2025)

KRISHI VIGYAN KENDRA

PILIBHIT

Presented in Midterm Review Workshop of KVK's

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at ICAR-ATARI, Kanpur

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