

ACTION PLAN PROFORMA FOR THE KVK, SARAN.

(1st January to 31 December, 2025)

1. GENERAL INFORMATION ABOUT THE KVK

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

Name and Address of KVK	Telephone		E mail	Website
KVK Saran, Bihar	Office	FAX	head.kvk.manjhi@rpcau.ac.in	www.saran.kvk4.in
	6287797158			

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

Address	Telephone		E mail	Website
	Office	FAX		
Dr. Rajendra Prasad Central Agricultural University, Pusa, Bihar	06274240226 (VC Cell) 06274240251 (DoEE)	-	dec@rpcau.ac.in vc@rpcau.ac.in psvc@rpcau.ac.in	https://rpcau.ac.in

1.2.b. Status of KVK website : Yes; Date when the website last updated:

1.2.c. No. of Visitors (Hits) to your KVK website (as on today) : **101599**

1.2.d Status of ICT lab at your KVK :

a) No. of PC units : **03**

b) No. of Printers : **03**

c) Internet connection : **Yes**

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

Name	Telephone / Contact		
Dr. Sanjay Kumar Rai	Office	Mobile	Email
	6287797158	6287797158	head.kvk.manjhi@rpcau.ac.in

1.4. Year of sanction: F No-18-23/96-AE I 24.03.2006

1.5. Staff Position (as on 1st January, 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	Senior Scientist& Head	Dr. Sanjay Kumar Ray	Senior Scientist and Head	Horticulture		9000	156900	17.07.2007	Permanent	Others	9430557320	sanjayhortipusa@gmail.com	
2	Subject Matter Specialist	Dr. Jitendra Chandra Chandola	S.M.S.	Horticulture (Pomology)		5400	67000	13.12.2018	Permanent	SC	8218070207	jitendracm87@gmail.com	
3	Subject Matter Specialist	Dr. Jeer Vanayaka	S.M.S.	Plant Protection (Entomology)		5400	61300	10.03.2022	Permanent	Other	7337765461	vinaykksaran@gmail.com	
4	Subject Matter Specialist	Dr. Sushma Tamta	S.M.S.	Agriculture Engineering		5400	61300	14.03.2022	Permanent	SC	7906640287	sushma.tamta@rpcau.ac.in	
5	Programme Assistant	Dr. Vijay Kumar	Programme Assistant (Lab. Tech.)	Soil Science		4200	43600	28.11.2017	Permanent	OBC	9608150344	vkvijaymadhubani@gmail.com	
6	Assistant/ Superintendent	Mr. Amitesh Kumar Gaurav	Assistant	M.A. (Hindi)		4200	43600	23.11.2017	Permanent	OBC	8871458751	amitesh.gaurav@rpcau.ac.in	
7	Stenographer	Mr. Rama Ranjan	Stenographer	Graduate		2400	31400	20.02.2018	Permanent	Others	9155701319	rama.ranjan@rpcau.ac.in	
8	Driver	Uma Shankar Kumar	Tractor Driver	Graduate (History)		2000	24500	27.02.2021	Permanent	OBC	6203915717	umasankerji01@gmail.com	

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/OB C/ Others)	Mobile No.	Email id	Please attach recent photograph
9	Driver	Ankit Kumar Mishra	Jeep Driver	Graduate (History)		2000	24500	01.04.2021	Permanent	Others	9935612748	ankitmishra6731@gmail.com	
10	Supporting staff	Sri Ravirajan Kumar	Skill Supporting Staff	Graduate		1800	20300	01.03.2021	Permanent	Others	7294808517	ravirajan11221@gmail.com	
11	Supporting staff	Sri Rakesh Kumar	Skill Supporting Staff	12th		1800	20300	16.03.2021	Permanent	Others	9507536840	rakeshkumarcp_rhp@gmail.com	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	2
2.	Under Demonstration Units	1.6
3.	Under Crops	11.9
4.	Horticulture	4
5.	Pond	0.4
6.	Others if any	0
	Total	19.90

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding		Stage					
		ICAR	RKVY	Complete			Incomplete		
				Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR		-	423.25	-			
2.	Farmers Hostel	ICAR		-	305	-			

S. No.	Name of building	Source of funding		Stage					
		ICAR	RKVY	Complete			Incomplete		
				Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
3.	Staff Quarters (6)	ICAR		-	71.12 (PC and FM) 120.32 (Technical-2 unit) 78 (Supporting-2 unit)	-			
4.	Demonstration Units (2)	ICAR		-	-	-			
5	Fencing	ICAR		-	3.5 km	-			
6	Rain Water harvesting system			-	-	-			
7	Threshing floor	ICAR		-	130	-			
8	Farm godown	ICAR		-	78	-			
	Other			-	-	-			

B) Vehicles

Type of vehicle	Year of purchase	Source (ICAR/RKVY)	Cost (Rs.)	Total kms. run as on December, 2024	Present status
Jeep Bolero	2024	ICAR	914000	6575 km	Working condition
Tractor	2019	ICAR	612036	1482 hrs.	Working condition
Tractor	2021	RKVY	612425	1565 hrs.	Working condition
Motorcycle (10)	2016	ICAR	60000	48250 km	Working condition
Motorcycle (09)	2016	ICAR	60000	31110 km	Working condition

C) Equipment's & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status
a. Lab equipment			
Computer CPU, Monitor, LaserJet 1020 printer, Business jet 1000 printer and scan jet	2007-08	54963.00	Not Working
AC (2 Nos.)	2019-20	77514.00	Working
Mrida parikshak	2015-16		Expired /Not functional
b. Farm machinery			
Pump set (7.5 HP) with all the accessories	2007-08	35285.00	working

Name of equipment	Year of purchase	Cost (Rs.)	Present status
Zero Tillage Machine	2007-08	Supplied by RCT Project of RAU	Not working
Furrow Irrigated Raised Bed Planter	2007-08		Good
Knapsack sprayer	2007-08	1190.00	Good
Gatore sprayer	2007-08	3250.00	Good
Pump set (5HP) with all accessories)	2008-09	25000.00	Needs Repairing
Generator	2008-09	31540.00	Good
Thresher	2008-09	99320.00	Fully need repairing
Reaper+Bund Maker	2008-09	85840.00	Good
Sugarcane Cutter Planter	2008-09	99320.00	Need repairing
Rotavator	2008-09	95160.00	Need repairing
Reaper	2008-09	75400.00	Need repairing
Bund Maker	2008-09	10140.00	Good
Bucket leveler	2012-13		Good
Zero tillage Machine	Supplied by Government of Bihar		
Paddy Transplanter	Supplied by Government of Bihar		
Mobile Seed Processing Plant	Supplied by Government of Bihar		
Rotary Plough	2012-13		
Multi crop Thresher	2012-13		
Mobile Seed Processing Plant (Seed Hub)	2017-18	1500000.00	Good
Tractor	2019-2020	612036.00	Good
c. AV Aids			
Computer CPU, Monitor, printer	2010-11		Not Working
Digital Camera	2008-09	24880.00	Not Working
Panasonic Tough book	2018-19	215000.00	Not Working
HP Copier	2019-20	65400.00	Not Working
HP Color Printer	2019-20	21998.00	Not Working
Projector	2019-20	76140.00	Working
Inverter	2020-21	10,000.00	Working
Battery	2020-21	15,000.00	Working
Battery	2020-21	14,995.00	Working
Crompton Fan	2020-21	14,320.00	Working
Acer Desktop	2020-21	1,19,000.00	Working

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

Sl. No.	Date
1. Scientific Advisory Committee	NIL

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 I (Upland rain fed saline lands)	Rice-wheat-green gram-maize-cole crop + Animal husbandry	Alluvial saline soils
2	AES II (Upland irrigated lands)	Rice-wheat-green gram-maize-cole crop + Animal husbandry	Alluvial plain -Loamy silt soils
3	AES III (Upland rain fed lands)	Pigeon pea-Rice + Mango/Banana+ Animal husbandry	Alluvial plain-Loamy silt soils
4	AES IV (Irrigated medium lands)	Rice-Lentil-Maize-Potato+ mango/banana +animal husbandry	Alluvial plain-Loamy silt soils
5	AES V (Low lands)	Wheat-green gram-Sesame-fallow land+ animal husbandry	Heavy clay soils
6	AES VI (Diara lands)	Wheat/Pulse/oil seed-Maize/Rice- Pointed gourd +Animal husbandry	Light sandy soils

b) Land Characteristics

S. No	Agro-Ecological Situation (AES)	Topography	Drainage
1.	AES-I Upland rain fed saline lands	Undulating	Poor drainage condition
2.	AES-II Upland irrigated lands	Alluvial plain lands	Moderate drainage condition
3.	AES-III Upland rain fed lands	Alluvial plain lands	Moderate drainage condition
4.	AES-IV Irrigated medium lands	Alluvial plain lands	Poor drainage condition
5.	AES-V Low lands	Water logged conditions	Poor drainage condition
6.	AES-VI Diara lands	Flooded during monsoons	Poor drainage condition

c) AES-wise major problems

S.No	Agro-Ecological Situation (AES)	Major problems	Rank
1.	AES I (Upland rain fed saline lands)	Alluvial saline soils with Poor drainage and undulating topography, high pH soils (7.5 to 8.2) with white and fluffy outgrowths	3
2.	AES II (Upland	Alluvial plain lands with Loamy silt soils under irrigated	4

	irrigated lands)	conditions subject to periodical inundation	
3.	AES III (Upland rain fed lands)	Alluvial plain lands with Loamy silt soils subject to periodical inundation	5
4.	AES IV (Irrigated medium lands)	Alluvial plain lands with Loamy silt soils or silty loam soils	6
5.	AES V (Low lands)	Bowl shaped depressions having heavy clay soils, generally under water logged conditions where there is no source of drainage, Cracks develop when dry due to high sodium content, Deficiency of available Ca, N and Zn	1
6.	AES VI (Diara lands)	Light sandy soils with poor water holding capacity, Flooded during monsoons	2

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 of last year	Yield gap (q/ha) with respect to potential yield
1	Rice	59207	161837	27.33	-17.67	-17.67
2	Ragi	165	128	7.76	-0.26	-1.48
3	Pigeon pea	240	490	20.42	8.42	2.92
4	Urad	39	35	8.97	-0.03	-3.53
5	Wheat	82441	298823	36.25	3.75	1.05
6	Maize	19411	78669	40.53	-16.47	-6.47
7	Lentil	3	3	10	-2.3	0.15
8	Rapeseed/mustard	3573	5888	16.48	-3.82	1.78
9	Green gram	1672	1328	7.94	-1.16	0.84
7	Potato	9945.71	28544.19	287.00	-3	20
8	Orchards and trees	309.82	31.54	10.18	-5.32	-14.82

Source: District agriculture department.

2.3. Weather data (2023-24)

Year	Month	Rainfall (mm)	Temperature °C		Relative Humidity (%)	
			Maximum	Minimum	Maximum	Minimum
2023	January 2023	0.00	25.80	7.19	94.08	47.89
	February 2023	0.00	27.51	10.78	84.78	31.91
	March 2023	0.00	35.96	18.37	65.30	20.71
	April 2023	0.00	39.65	22.61	52.55	12.99
	May 2023	269.75	36.09	25.23	80.98	53.29
	June 2023	544.75	35.36	27.66	87.35	48.41
	July 2023	194.25	34.51	27.86	88.83	68.00
	August 2023	54.50	33.94	26.96	90.61	79.24
	September 2023	24.50	32.73	26.36	91.67	72.74
	October 2023	251.00	33.05	22.05	92.09	55.30
	November 2023	0	32.41	15.00	90.16	30.91
	December 2023	0	26.78	10.80	98.20	98.70
2024	January 2024	0	24	6	92.5	48.2
	February 2024	0	29	8	85.6	33.4

	March 2024	0	38	13	69.4	21.4
	April 2024	0	43	22	56.7	15.4
	May 2024	0	43	21	81.6	54.2
	June 2024	65.8	44	27	86.3	50.1
	July 2024	95.6	38	25	89.4	68.5
	August 2024	125.6	37	24	91.7	80.1
	September 2024	112.9	36	25	92.5	75.4
	October 2024	95.8	34	23	93.4	56.3
	Nov-2024	0	31	15	89.4	32.4
	Dec- 2024	0	19	10	96.4	95.6
Total		1834.45				

2.4 Production and productivity of livestock, Poultry, Fisheries etc. in the district (2024)

Category	Population	Production	Productivity	Productivity gap
Cattle				
Plough Animals	168189	-	-	-
Cattle	232814	-	-	-
Buffalo	401625	-	-	-
Sheep	12486	-	-	-
Goats	206123	-	-	-
Cattle				
<i>Crossbred</i>	28994	-	-	-
<i>Indigenous</i>	208806	-	-	-
Pigs	126541	-	-	-
Poultry				
Hens	47592	-	-	-
<i>Desi</i>	38823	-	-	-
Category		Production (q)	Productivity	
Fish (Reservoir)				

*Statistical report

2.5 Details of Operational area / Villages

Taluka	Name of the block	Name of the village	Major crops & enterprises	Existing yield (q/ha, number/year)	Major problem identified	Identified Thrust Areas
Sadar	Manjhi	Nandpur	Paddy, wheat, potato, mustard, Red gram, Animal Husbandry		Lack of information on high yielding varieties, Lack knowledge of Product Production Procedure	Productivity enhancement of cereals, pulses and oilseeds
Sonepur	Dariyapur	Darihara	Paddy, wheat, maize, potato, mustard, Lentil, Gram		High dependence on chemical fertilizer and insecticides and pesticides	IPM and INM in cereals, pulses and oilseeds

Taluka	Name of the block	Name of the village	Major crops & enterprises	Existing yield (q/ha, number/year)	Major problem identified	Identified Thrust Areas
Sadar	Manjhi	Sitalpur	Paddy, wheat maize, potato, mustard, Red gram		High cost of cultivation and low return, lack of knowledge for safe and easy method of insect pest management	Resource Conservation Technology for sowing of different crops, IPM in cereals, pulses and oilseeds
Sadar	Nagra	Affaure	Paddy, wheat maize, potato, Red gram, Vegetables		Lack of information on soil testing, Lack of knowledge and non-availability of bio-fertilizers and bio-pesticides, lack of suitable technology for drought condition	Natural Resource management and INM and Climate Resilient Technology
Sadar	Manjhi	Hansrajpur	Paddy, wheat maize, potato		Lack of information on soil testing, Lack of knowledge and non-availability of bio-fertilizers and bio-pesticides, Wastage of cow dung manures, Pressure on women due to labor deployment	Natural Resource management and INM, Organic Farming, Drudgery reduction in women
Sadar	Jalalpur	Majhawali	Paddy, wheat maize, potato		Low productivity of paddy, low productivity and income from maize, Heavy infestation of weed in paddy and other crops	Productivity enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds
Sadar	Jalalpur	Ramnagar	Paddy, wheat maize, potato		Low productivity of paddy, low productivity and income from maize, Heavy infestation of weed in paddy and other crops	Productivity enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds

Taluka	Name of the block	Name of the village	Major crops & enterprises	Existing yield (q/ha, number/year)	Major problem identified	Identified Thrust Areas
Sadar	Manjhi	Majhanpura	Paddy, wheat maize, potato		Low productivity of paddy, low productivity and income from maize, Heavy infestation of weed in paddy and other crops	Productivity enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds
Sadar	Manjhi	Dumri	Paddy, wheat maize, potato		Low productivity of paddy, low productivity and income from maize, Heavy infestation of weed in paddy and other crops	Productivity enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds
Sadar	Manjhi	Dharhara	Paddy, wheat maize, potato		Low productivity of paddy, low productivity and income from maize, Heavy infestation of weed in paddy and other crops	Productivity enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds
Sadar	Revilganj	SitabDiar	Paddy, wheat maize, potato, mustard, Red gram		High cost of cultivation and low return, lack of knowledge for safe and easy method of insect pest management	Resource Conservation Technology for sowing of different crops
Sadar	Ekma	Atarsan	Paddy, wheat, maize, potato, Red gram, Rape seed and Mustard		Low productivity of paddy, low productivity and income from maize, Heavy infestation of weed in paddy and other crops	Productivity enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds.
Sadar	Chapra Sadar	NewajiTola	Paddy, wheat, maize, potato, mustard, Lentil, Gram		High dependence on chemical fertilizer and insecticides and pesticides	IPM and INM in cereals, pulses and oilseeds
Sonepur	Dighwar	Gopalpur	Paddy, wheat maize, potato, mustard, Red gram		High cost of cultivation and low return, lack of knowledge for safe and easy method of	Resource Conservation Technology for sowing of different crops, Productivity

Taluka	Name of the block	Name of the village	Major crops & enterprises	Existing yield (q/ha, number/year)	Major problem identified	Identified Thrust Areas
					insect pest management	enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds.
Sadar	Chapra Sadar	Dumri/ Newaji Tola	Paddy, wheat, maize, potato, mustard, Lentil, Gram		High dependence on chemical fertilizer and insecticides and pesticides	IPM and INM in cereals, pulses and oilseeds
Sonepur	Sonpur	Sahpur Diara, Pahleja	Vegetables		High cost of cultivation, high fertilizer application	IPM and INM in vegetables

2.6 Top five major priority thrust areas:

- Productivity enhancement of cereals, pulses and oilseeds.
- Enhancement of Area, Production and Productivity of Pulses and Oilseeds especially in the chaur lands and Diara lands.
- Promotion of Organic, Natural Farming and vermicomposting.
- Promotion of Climate Resilient Technology
- Women Empowerment through agri and allied technological interventions for sustainable income generation activities

3. TECHNICAL PROGRAMME

3 A. Details of targeted mandatory activities by KVK

OFT		FLD		
(1)		(2)		
Number of OFTs	Number of Farmers	Area (ha)/unit	No of enterprises	Number of Farmers
6	54	04 ha /30 units/farmer	6	186

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
99	2723	1210	3990

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Soil Samples
(5)	(6)	(7)	(8)
160	97,700	-	350

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	Crop diversification through papaya	Papaya	Disease outbreaks, especially viral diseases, poor access to quality plant material, and lack of knowledge about improved production techniques	-	Productivity enhancement of papaya through introduction of high yielding variety Red Lady	Scientific cultivation practice of papaya	-	2	Planting materials

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	-	-	-	-	-	-	-	-	-	-
Seed / Plant production	-	3	-	-	9	5	-	-	2	19
Weed Management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	2	-	-	-	-	-	-	2
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	1	-	-	-	-	-	1
Drudgery reduction	-	-	-	-	-	-	-	-	-	-
Farm machineries	2	-	-	-	-	-	-	-	-	2
Value addition	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	2	1	1	-	1	1	-	-	-	6
Integrated Disease Management	2	1	1	-	1	1	-	-	-	6

Resource conservation technology	2	-	-	-	1	1	-	-	-	4
Small Scale income generating enterprises	-	-	-	1	-	-	-	-	-	1
TOTAL	8	5	4	2	13	8			2	42

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

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Vermi culture	Fisheries	TOTAL
Evaluation of Breeds	-	-	-	-	-	-	-	-
Nutrition Management	-	-	-	-	-	-	-	-
Disease of Management	-	-	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-

B. Details of all On Farm Trial in the given format

Plant Protection: 01

Crop	Tomato
Season	<i>Rabi</i>
Main problem	Consistent attack of fruit borers causes significant yield loss
Main cause	The polyphagous pest <i>Helicoverpa armigera</i>
Title of OFT	Assessment of insecticides for the management of tomato fruit borer
Farming situation	Soil type- Sandy loam, land type-upland, irrigation type-Irrigated previous crop-Rice
Thematic area	Integrated pest management
Farmer practice	FP – Application of Dimethoate 30 EC @2ml/litre
Technology option selected for assessment	TO1: - Spray azadirachtin 1% (10000 ppm) neem based EC @ 400-600 ml in 200 l of water/acre or azadirachtin 5% W/W neem extract concentrate @ 80 g in 160 l of water/acre - Spray of HaNPV @ 250 LE /ha - Spray with Indoxacarb 14.5% SC @ 160-200 ml in 120-240 l of water/acre or flubendiamide 20% WG @ 40 g in 150-200 l of water/acre. TO2: - Transplantation of 20-25 day old Tomato and 45-50 day old Marigold simultaneously in a pattern of one row of marigold for every 16 rows of tomato. - Apply Neem cake @ 250 Kg/Ha to ridges at 20-25 DAP - Spray Ha NPV @250 LE/Ha with 1% Jaggery at 28, 35 and 42 days after planting

	Application of lambda-cyhalothrin 4.9% CS @ 120 ml in 200 l of water/acre or Chlorantraniliprole 18.5% SC @ 60 ml in 200l of water/acre
Source of technology	NCIPM & IIHR (2016)
No of trial	10
Detail of critical input	Azadirachtin 10000 ppm, HaNPV, Indoxacarb 14.5% SC , Neem Cake, Lambda-cyhalothrin 4.9% CS
Cost of individual critical input	Rs. 2200
Total cost of critical input	Rs. 22000/ha
Performance indicator to be recorded	(i)Technical indicator: Pest incidence, No. of infected fruit/plant, No. of larvae/fruit, Yield (kg/plant) (ii)Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio (iii)Farmer perception: Diagnostic field visit, one to one interaction with farmers, supply of reading materials

Plant Protection: 02

Crop	Rice
Season	Kharif
Main problem	Low yield of paddy due to attack of sheath blight disease
Main cause	The soil borne fungal pathogen Rhizoctonia solani
Title of OFT	Assessment of fungicides for the management of Sheath blight of Rice
Farming situation	Soil type-Alluvial soil, land type- Low land, irrigation type-rainfed, season-Kharif, Previous crop- Moong
Thematic area	Integrated Disease Management
Farmer practice	T1: Spray of hexaconazole 5 EC
Technology option selected for assessment	T2: Spray of Propiconazole 13.9% + Difenoconazole 13.9% EC @500ml/ha T3: Spray of Propiconazole 13.9% + Validamycin 3% EC @500ml/ha (45 days after transplanting)
Source of technology	RPCAU, Pusa; Annamalai University, Tamil Nadu
No of trial	10
Detail of critical input	Name of critical input
Cost of individual critical input	(Propiconazole 13.9% + Difenoconazole 13.9% EC)- Rs. 2000/lit, Validamycin 3% L- Rs. 2000/Lit
Total cost of critical input	Rs 22750/ha
Performance indicator to be recorded	(i)Technical indicator: Disease Incidence, Disease severity, Yield (q/ha) (ii)Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio (iii)Farmer perception: Diagnostic field visit, one to one interaction with farmers, supply of reading materials

Agricultural Engineering - 03

Crop	Maize
Season	Rabi
Main problem	Manual planting is drudgery in operation and high labour requirement results in low yield,
Main cause	Manual planting, High labour requirement, lack of knowledge and nonavailability of machine
Title of OFT	Assessment of different planting practices of Maize
Farming situation	Soil type- Sandy loam, land type-upland, irrigation type-Irrigated, Previous crop- Paddy
Thematic area	Farm mechanization
Farmer practice	Manual planting
Technology option selected for assessment	T.O-1 Dibbler T.O-2 Rotary dibbler
Source of technology	CIAE Bhopal
No of trial	7
Detail of critical input	Rotary Dibbler, dibbler
Cost of individual critical input	-
Total cost of critical input	-
Performance indicator to be recorded	(i) Technical indicator: Length of cob (cm), Yield (q/ha) (ii)Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio (iii)Farmer perception: Diagnostic field visit, one to one interaction with farmers, supply of reading materials

Agricultural Engineering - 04

Crop	Chilli
Season	Rabi
Main problem	Excessive use of irrigation water, low yield
Main cause	Non acceptable of mulching
Title of OFT	Assessment of different mulching material on growth and yield of chilli
Farming situation	Soil type- Sandy loam, land type-upland, irrigation type-Irrigated, Previous crop- Paddy
Thematic area	Irrigation water management
Farmer practice	No mulching
Technology option selected for assessment	T.O-1 Black mulch T.O-2 Silver mulch
Source of technology	ICAR-IIVR, Varanasi
No of trial	7
Detail of critical input	Seedlings of chilli, Black plastic mulch and silver plastic mulch

Cost of individual critical input	-
Total cost of critical input	-
Performance indicator to be recorded	(i) Technical indicator: Plant height (cm), Fruit diameter (cm) and Fruit yield (q/ha) (ii)Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio (iii)Farmer perception: Diagnostic field visit, one to one interaction with farmers, supply of reading materials

Horticulture- 05

Crop	Mango
Season	Rabi
Main problem	Poor quality of flowering, yield and alternate bearing
Main cause	Hormonal imbalances, competition between vegetative and reproductive growth, and the tree's internal regulation of resource allocation
Title of OFT	Assessment of proper doses of Paclobutrazol in mitigating irregular bearing in Mango
Farming situation	Soil type-Alluvial soil, land type-low land, irrigation type-rainfed, season-rabi
Thematic area	
Farmer practice	T1: No use of Paclobutrazol
Technology option selected for assessment	T2: Paclobutrazol @ 1.0 g a. i./ m of the effective canopy (30-45g) in soil. T3: Paclobutrazol @ 1.5 g a. i./ m of the effective canopy (30-45g) in soil.
Source of technology	GBPUAT, Pantnagar, UK
No of trial	10
Detail of critical input	Paclobutrazol
Cost of individual critical input	-
Total cost of critical input	-
Performance indicator to be recorded	(i) Technical indicator: Vegetative shoots (%), Flowering shoots (%), Panicle length, Fruit yield(kg/plant) (ii) Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio (iii) Farmer perception: Diagnostic field visit, one-to one interaction with farmers, supply of reading materials

Horticulture- 06

Crop	Potato
Season	Rabi
Main problem	Moisture loss is one of an important constraint in obtaining high potato yield.

Main cause	Low water holding capacity of soil
Title of OFT	Ex-situ residue management in potato cultivation
Farming situation	Soil type-Alluvial soil, land type-Up land, irrigation type-Borewell, season-rabi, previous crop-Maize
Thematic area	Residues management
Farmer practice	T1: Sowing in ridge and furrow method
Technology option selected for assessment	T2: Sowing of Potato with FYM and Paddy straw (15cm) T3: Sowing of Potato with FYM and Water hyacinth (15cm)
Source of technology	IIVR, Varanasi
No of trial	10 (Total area for field crops 1.0 ha and for vegetable 0.4 ha)
Detail of critical input	Potato seed, FYM, Water hyacinth
Cost of individual critical input	
Total cost of critical input	
Performance indicator to be recorded	(i) Technical indicator: Germination, Growth performance, Disease incidence, Weed population, Tuber yield (ii) Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio (iii) Farmer perception: Diagnostic field visit, one-to one interaction with farmers, supply of reading materials

Note: Each OFT detail should be given in the format

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/ demonstration.	Parameters identified (Yield related attributes, yield economics and farmers' perception)
1	Mushroom	Plant Protection	Mushroom production	Oyster mushroom kit	Winter	30 units/farmer	11	Disease incidence, Net return, Yield
2	Mushroom	Plant Protection	Mushroom production	Spawn	Kharif	30 units/farmer	40	Disease incidence, Net return, Yield
3	Papaya	Horticulture	Improved & High Yielding Variety	Seedlings	Rabi & 2025-26	1 ha	30	No. of fruit setting per plant, yield in quintal/ha and net return/ha
4	Moringa	Horticulture	Improved & High Yielding Variety	Seedlings	Kharif & 2025	1 ha	30	No. of fruit setting per plant, yield in quintal/ha and net return/ha
				Total			111	

Sponsored Demonstration

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

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Farmers Training	10	March, July, September, November, December, January	350
2	Field days	20	April, January, February, March	600
3	Media coverage	20	March, July, September, November, December, January	-
4	Training for extension functionaries	2	November, December	40

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
Grabber	Capsicum	Rabi, 2025-26	50 no./farmers	1	Grabber	Net return, Yield (q/ha)
3 nozzle sprayer	Paddy	Kharif -2025	25 no./farmers	1	3 nozzle sprayer	Net return, Yield (q/ha)

(ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. etc.	Critical inputs	Performance parameters / indicators
-	-	-	-	-	-

Details of all FLD in the given format**Plant Protection: 01**

Title of FLD	Cultivation of oyster mushroom for livelihood securities
Season & Year	Winter, 2025
Main Problem	Unavailability of quality mushroom spawn, lack of production and processing technologies
Main cause of problem	Limited access to quality spawn, inadequate infrastructure for post-harvest management, and challenges in supplying fresh mushrooms to distant markets
Full detail of farmer's	Unequal size of bags, contamination, improper moisture maintenance,

Practice	misjudge of harvesting stage		
Name of the Technology	Oyster Mushroom Production		
Full detail of technology to be demonstrated	Compost preparation, Casing treatment, Temperature and humidity control, use of chemical for check the infection		
Thematic area	Plant protection		
Source of Technology with year	RPCAU, Pusa		
Name of villages	Manjhi, Dwadpur, Karah, Dharhara, Affaur, Sonversa, Bareja, Ghorhat, Dumri, Durgapur		
Farming situation	-		
Area (ha)/Unit (No.)	30 units/farmer	No. of farmers	11
Performance indicator	(I) Technical indicator- Disease incidence, Yield (II) Economic indicator - Net return III) Farmer Feedback- Awareness, Training, Field visit, Farmers' interaction		

Plant Protection: 02

Title of FLD	Cultivation of oyster mushroom for livelihood securities		
Season & Year	Winter, 2025		
Main Problem	Unavailability of quality mushroom spawn, lack of production and processing technologies		
Main cause of problem	Limited access to quality spawn, inadequate infrastructure for post-harvest management, and challenges in supplying fresh mushrooms to distant markets		
Full detail of farmer's Practice	Unequal size of bags, contamination, improper moisture maintenance, misjudge of harvesting stage		
Name of the Technology	Oyster Mushroom Production		
Full detail of technology to be demonstrated	Compost preparation, Casing treatment, Temperature and humidity control, use of chemical for check the infection		
Thematic area	Plant protection		
Source of Technology with year	RPCAU, Pusa		
Name of villages	Manjhi, Dwadpur, Karah, Dharhara, Affaur, Sonversa, Bareja, Ghorhat, Dumri, Durgapur		
Farming situation	-		
Area (ha)/Unit (No.)	1kg spawn/farmer	No. of farmers	40
Performance indicator	(I) Technical indicator- Disease incidence, Yield (II) Economic indicator - Net return III) Farmer Feedback- Awareness, Training, Field visit, Farmers' interaction		

Agricultural Engg.: 03

Title of FLD	Efficient utilization of 3 boom sprayer for precise use of herbicides		
Season & Year	Rabi & 2025-26		
Main Problem	Weeding by Hollow cone nozzle is drudgery in operation; time consuming & reduces the crop yield		
Main cause of problem	Poor control of weed due to wrong selection of nozzle		
Full detail of farmer's Practice	Hollow cone nozzle		
Name of the Technology	3- boom sprayer in Knapsack sprayer		
Full detail of technology to be demonstrated	Uses of 3- boom sprayer in Knapsack sprayer for precise use of herbicides		
Thematic area	Farm mechanization		
Source of Technology with year	RPCAU, Pusa		
Name of villages	Manjhi, Dwadpur,, Samhota, Dharhara, Sonversa, Dumri, Durgapur		
Farming situation	Soil type-Alluvial soil, land type-Up land, irrigation type-Borewell, season-rabi, previous crop- Paddy		
Area (ha)/Unit (No.)	50 (No.)		
Performance indicator	(I) Technical indicator: Yield (q/ha) (II) Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio (III) Farmer perception: Diagnostic field visit, one to one interaction with farmers, supply of reading materials		

Agricultural Engg.: 04

Title of FLD	Efficient weeding by Women's friendly tool i.e., Grabber		
Season & Year	Rabi & 2025-26		
Main Problem	Manual is drudgery in operation; time consuming & reduces the crop yield		
Main cause of problem	Poor control of weed due to non-availability of machine		
Full detail of farmer's Practice	Manual weeding		
Name of the Technology	Grabber		
Full detail of technology to be demonstrated	Grabber weed removal machine use to extract weeds from the ground		
Thematic area	Farm mechanization		
Source of Technology with year	RPCAU, Pusa		
Name of villages	Manjhi, Dwadpur, Samhota, Dharhara, Sonversa, Dumri, Durgapur		
Farming situation	Soil type-Alluvial soil, land type-Up land, irrigation type-Borewell,		

	season-rabi, previous crop-Maize		
Area (ha)/Unit (No.)	50 (No.)		
Performance indicator	(I) Technical indicator: Yield (q/ha) (II) Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio (III) Farmer perception: Diagnostic field visit, one to one interaction with farmers, supply of reading materials		

Horticulture.: 05

Title of FLD	Productivity enhancement of papaya through introduction of high yielding variety Red Lady		
Season & Year	Rabi, 2025		
Main Problem	Disease outbreaks, especially viral diseases, poor access to quality plant material, and lack of knowledge about improved production techniques		
Main cause of problem	Not suitable climate and soil for papaya, low land area		
Full detail of farmer's Practice	Cultivation of local Variety of Papaya		
Name of the Technology	High yielding variety		
Full detail of technology to be demonstrated	Cultivation of high yielding variety of Papaya (Red Lady)		
Thematic area	Fruit Production		
Source of Technology with year	RPCAU, Pusa		
Name of villages	Manjhi, Dwadpur, Samhota, Dharhara, Sonversa, Dumri, Durgapur		
Farming situation	Soil type-Alluvial soil, land type-Up land, irrigation type-Borewell, season-rabi, previous crop-Maize		
Area (ha)/Unit (No.)	0.16 ha/farmers	No of farmers	30
Performance indicator	(I) Technical indicator- No. of fruit setting per plant (II) Economic indicator – yield in quintal /ha and net return/ha (III) Farmer Feedback- Awareness, Training, Field visit, Farmers' interaction		

Horticulture: 06

Title of FLD	Productivity enhancement of Moringa through introduction of high yielding variety		
Season & Year	Kharif, 2025		
Main Problem	Disease outbreaks, especially viral diseases, poor access to quality plant material, and lack of knowledge about improved production techniques		
Main cause of problem	Fruiting in only one season		

Full detail of farmer's Practice	Cultivation of local Variety of Moringa		
Name of the Technology	High yielding variety		
Full detail of technology to be demonstrated	Cultivation of high yielding variety of Moringa (cv. PKM -1)		
Thematic area	Production of low volume and high value crops		
Source of Technology with year	NHRDF, Patna		
Name of villages	Manjhi, Dwadpur, Samhota, Dharhara, Sonversa, Dumri, Durgapur		
Farming situation	Soil type-Alluvial soil, land type-Up land, irrigation type-Borewell, season-rabi, previous crop-Maize		
Area (ha)/Unit (No.)	1 ha	No of farmers	30
Performance indicator	(I) Technical indicator- No. of fruit setting per plant (II) Economic indicator – yield in quintal /ha and net return/ha (III) Farmer Feedback- Awareness, Training, Field visit, Farmers' interaction		

Note: Each FLD detail should be given in the format

3.3 Training (Including the sponsored and FLD training programmes): Note: 25 participants per training

A) ON Campus

Thematic Area	No. of Course s	No. of Participants						
		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								
Site specific nutrient management								
Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management								
Fodder production								
Production of organic inputs								
Natural farming								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	04	133	12	145	10	1	11	156
Off-season vegetables								
Nursery raising	01	16	4	20	4	1	5	25

Thematic Area	No. of Course s	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
Natural farming								
b) Fruits								
Training and Pruning	01	21	8	29	2	0	2	31
Layout and Management of Orchards	03	98	7	105	9	0	9	114
Cultivation of Fruit	01	29	0	29	0	0	0	29
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards	02	43	4	47	4	1	5	52
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								
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								

Thematic Area	No. of Course	No. of Participants						Grand Total
		Others			SC/ST			
	s	Male	Female	Total	Male	Female	Total	
Feed management								
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	01	16	4	20	4	1	5	25
Use of Plastics in farming practices	01	16	4	20	4	1	5	25
Production of small tools and implements	02	44	7	51	9	3	12	63
Repair and maintenance of farm machinery and implements	03	63	7	70	12	4	16	86
Small scale processing and value addition	01	16	4	20	4	1	5	25
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	8	135	21	156	22	4	26	182
Integrated Disease Management	01	16	4	20	04	01	05	25
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides	02	39	4	43	04	01	05	48
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								
IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								

Thematic Area	No. of Course s	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
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/FPOs etc								
Mobilization of social capital								
Entrepreneurial development of farmers/youths								
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
XII Others (Pl. Specify)								
TOTAL	31	685	90	775	92	19	111	885
(B) RURAL YOUTH								
Mushroom Production	3	64	13	77	11	5	16	93
Bee-keeping	01	15	05	20	05	05	10	30
Integrated farming								
Seed production								
Production of organic inputs								
Integrated Farming (Medicinal)								
Planting material production								
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production	01	16	4	20	4	1	5	25
Repair and maintenance of farm machinery and implements	03	48	12	60	12	3	15	75
Nursery Management of Horticulture crops	03	48	12	60	12	3	15	75
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing	1	52	3	55	4	0	4	59
Quail farming								
Piggery	1	16	4	20	4	1	5	25
Rabbit farming								
Poultry production	1	16	4	20	4	1	5	25
Ornamental fisheries								

Thematic Area	No. of Course s	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology	1	16	4	20	4	1	5	25
Fry and fingerling rearing								
Small scale processing	01	16	4	20	4	1	5	25
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL	16	307	65	372	64	21	85	457
(C) Extension Personnel								
Productivity enhancement in field crops								
Integrated Pest Management	2	30	10	40	8	2	10	50
Integrated Nutrient management								
Rejuvenation of old orchards								
Protected cultivation technology								
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	01	16	4	20	4	1	5	25
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production								
Household food security								
Women and Child care								
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (Pl. Specify) Natural farming	02	43	16	59	5	0	5	64
Micro irrigation systems	01	16	4	20	4	1	5	25
TOTAL	06	105	34	139	21	04	25	164
G. Total	53	1097	189	1286	177	44	221	1506

B) OFF Campus **Note: 25 participants per training**

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								
Resource Conservation Technologies								
Cropping Systems	5	77	10	87	17	3	20	107
Crop Diversification								
Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management								
Fodder production								
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	3	56	15	71	12	4	16	87
Off-season vegetables								
Nursery raising	1	16	4	20	4	1	5	25
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards	6	111	63	174	21	23	44	218
Cultivation of Fruit	1	16	4	20	4	1	5	25
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management	1	16	4	20	4	1	5	25
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								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
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								
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								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	3	49	2	51	14	5	19	70
Use of Plastics in farming practices	2	32	8	40	8	2	10	50
Production of small tools and implements	4	76	12	88	20	3	23	111
Repair and maintenance of farm machinery and implements	5	81	16	97	21	4	25	122
Small scale processing and value addition	2	32	8	40	8	2	10	50
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	8	141	33	174	22	9	31	205
Integrated Disease Management	01	12	04	16	01	00	01	17
Bio-control of pests and diseases	2	41	0	41	2	0	2	43
Production of bio control agents and bio pesticides	2	38	16	54	7	1	8	62
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								
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								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
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								
Nursery management								
Integrated Farming Systems (Agro)								
XII Others (Pl. Specify)								
TOTAL	46	794	199	993	165	59	224	1217
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping								
Integrated farming								
Seed production								
Production of organic inputs								
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								
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								

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
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								
TOTAL	0	0	0	0	0	0	0	0
(C) Extension Personnel								
Productivity enhancement in field crops								
Integrated Pest Management								
Integrated Nutrient management								
Rejuvenation of old orchards								
Protected cultivation technology								
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								
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (Pl. Specify)								
TOTAL	0	0	0	0	0	0	0	0
G. Total	46	794	199	993	165	59	224	1217

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								
Resource Conservation Technologies								
Cropping Systems	5	77	10	87	17	3	20	107
Crop Diversification								

Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management								
Fodder production								
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	7	189	27	216	22	5	25	243
Off-season vegetables								
Nursery raising	2	32	8	40	8	2	10	50
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
Natural farming								
b) Fruits								
Training and Pruning	1	21	8	29	2	0	2	31
Layout and Management of Orchards	9	209	70	279	30	23	53	332
Cultivation of Fruit	2	45	4	49	4	1	5	54
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards	2	43	4	47	4	1	5	52
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management	1	16	4	20	4	1	5	25
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								
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								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	4	65	6	71	18	6	24	95
Use of Plastics in farming practices	3	48	12	60	12	3	15	75
Production of small tools and implements	6	120	19	139	29	6	35	174
Repair and maintenance of farm machinery and implements	8	144	23	167	33	8	41	208
Small scale processing and value addition	3	48	12	60	12	3	15	75
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	16	276	54	330	44	13	57	387
Integrated Disease Management	2	28	8	36	5	1	6	42
Bio-control of pests and diseases	2	41	0	41	2	0	2	43
Production of bio control agents and bio pesticides	4	77	20	97	11	2	13	109
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								
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								
Nursery management								
Integrated Farming Systems								
Sponsored training								
TOTAL	77	1479	289	1768	257	78	335	2102
(B) RURAL YOUTH								
Mushroom Production	3	64	13	77	11	5	16	93
Bee-keeping	01	15	05	20	05	05	10	30
Integrated farming								
Seed production								
Production of organic inputs								
Integrated Farming								
Planting material production								
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production	01	16	4	20	4	1	5	25
Repair and maintenance of farm machinery and implements	03	48	12	60	12	03	15	75
Nursery Management of Horticulture crops	03	48	12	60	12	03	15	75
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing	1	52	3	55	4	0	4	59
Quail farming								

Piggery	1	16	4	20	4	1	5	25
Rabbit farming								
Poultry production	1	16	4	20	4	1	5	25
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	1	16	4	20	4	1	5	25
Fry and fingerling rearing								
Small scale processing	01	16	4	20	4	1	5	25
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL	16	307	65	372	64	21	85	457
(C) Extension Personnel								
Productivity enhancement in field crops								
Integrated Pest Management	2	30	10	40	8	2	10	50
Integrated Nutrient management								
Rejuvenation of old orchards								
Protected cultivation technology								
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	01	16	4	20	4	1	5	25
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production								
Household food security								
Women and Child care								
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (Pl. Specify) Natural farming	02	43	16	59	5	0	5	64
Micro irrigation system	01	16	4	20	4	1	5	25
Total	6	105	34	139	21	4	25	164
G. TOTAL	99	1891	388	2279	342	103	445	2723

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	15	500	250	750	0	0	0	500	250	750
Kisan Mela	02	300	200	500	5	5	10	305	205	510

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Kisan Ghosthi	06	200	100	300	0	0	0	200	100	300
Exhibition	04	100	50	150	5	5	10	105	55	160
Film Show	0	0	0	0	0	0	0	0	0	0
Farmers Seminar	2	150	50	200	0	0	0	150	50	200
Workshop	2	150	50	200	0	0	0	150	50	200
Group meetings	24	200	100	300	5	5	10	205	105	310
Lectures delivered as resource persons	10	200	100	300	5	5	10	205	105	310
Newspaper coverage	100	-	-	-	-	-	-	-	-	-
Radio talks	2	-	-	-	-	-	-	-	-	-
TV talks	10	-	-	-	-	-	-	-	-	-
Popular articles	10	-	-	-	-	-	-	-	-	-
Extension Literature	5	-	-	-	-	-	-	-	-	-
Advisory Services										
Scientific visit to farmers field	120	650	70	720	10	10	20	660	80	740
Farmers visit to KVK	1000	800	200	1000	10	10	20	810	210	1020
Diagnostic visits	45	150	50	200	0	0	0	150	50	200
Exposure visits	5	300	200	500	0	0	0	300	200	500
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0
Soil health Camp	0	0	0	0	0	0	0	0	0	0
Animal Health Camp	0	0	0	0	0	0	0	0	0	0
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	0	0	0	0	0	0	0	0	0	0
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	0	0	0	0	0	0	0	0	0	0
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0
Celebration of important days (specify)	20	300	200	500	5	5	10	305	205	510
Krishi Mohostva	0	0	0	0	0	0	0	0	0	0
Krishi Rath	0	0	0	0	0	0	0	0	0	0
Pre Kharif workshop	10	300	200	500	5	5	10	305	205	510

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Pre Rabi workshop	10	300	200	500	5	5	10	305	205	510
PPVFRA workshop	0	0	0	0	0	0	0	0	0	0
Any Other (Specify)	0	0	0	0	0	0	0	0	0	0
Total	1210	2800	1120	3920	35	35	70	2835	1155	3990

3.5 Target for Production and supply of Technological products

A) SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
CEREALS	Paddy	Rajendra bhagwati	105
	Ragi	Rajendra Mauda 1	06
	Wheat	Rajendra genhu 4	05
OILSEEDS	Rai/Mustard	Rajendra suflam	10
PULSES	Lentil	IPL 220	10
	Pigeon pea	Rajendra Arhar 1	24
VEGETABLES	-	-	-
OTHERS (Specify)	-	-	-

B) PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
Fruits	Papaya	Pusa dwarf, Red lady	4000
	Mango	Allahabad safeda	3500
	Litchi	Shahi and Chiana	200
	Lemon	Ureca, Local	500
	Guava	Allahabad safeda, Lalit, Shweta, L-49	3000
	Jamun	Local	500
Spices			
Vegetables	Tomato	Arka rakshak	10000
	Brinjal	Pusa purple long & pusa purple round	10000
	Chilli	Kashi Aabha, Kashi Anmol	10000
	Cauliflower	Pusa Dipali	10000
	Cabbage	Pusa Ageti	10000
	Bottle gourd	Kashi Ganga	5000
	Bitter gourd	Kashi Urvashi	5000
	Sponge gourd	Pusa Sneh	5000
	Cucumber	Pusa Udai	5000
Forest species			
Ornamental crops	Marigold	Pusa Narangi & Pusa Basanti	5000
Medicinal & aromatic plants	Satawar	-	1000
	Lemon grass	-	1000
	Aloe vera	-	1000

Sl. No.	Crop	Variety	Quantity (Nos.)
	Mulethi	-	1000
	Kalmegh	-	1000
	Patharchur	-	1000
		Total	97,700.00

C) BIO-PRODUCT

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

D) LIVESTOCK

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

3.6 Literature to be Developed/Published

(A) KVK News Letter

Date of start :

Number of copies to be published : 05

(B) Literature to be developed/published

S. No.	Topic	Number
1	Research paper each scientist	01 by each scientist total -3
2	Technical reports	01
3	News letters	05
4	Training manual all discipline	3
5	Popular article	6
6	Extension literature	3
	Total	21

(C) Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette, whatsapp group, mobile app, etc.	Title of the product	Number
1	News paper	Media coverage of different programme of KVK Saran	100
2	Whats app group, mobile app, Kisan sarthi	Different Agricultural technologies of KVK Saran	14

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

a. Brief introduction/Background: Scientific cultivation of improved variety of Rapeseed/Mustard (Var.- *Rajendra suflam*)

b. Interventions/process: Improved Variety, Seed Treatment with Azotobacter and Nutrient Management based on Soil test value.

c. Output

Specific Technology	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Farmer practices	13.6	40442	76840	36398	1.90
Demonstration	20.4	45023	115260	70237	2.56
% Increase	50.0				

e. Impact

i) Social economic: adoption of technologies by farmers community of saran in association with KVK Manjhi, the farmers get income 70237 per hectare and also encourage to the other farmers on account of 25 farmers for adoption of this technology

ii) Bio-Physical: seed treatment and nutrient management under this intervention may improve the bio physical condition of soil and plant and also minimized the pesticide and fertilizers cost which reflected to reduction in cost of cultivation.

f. Good Action Photographs



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

- PRA
- Farmer group discussions
- Field level observations

Rural Youth

- PRA
- Farmer group discussions

c) Field level observations

In-service personnel

a) Group discussions

c) Field level observations

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)
- ii. No. of farm families selected per village:
- iii. No. of PRA conducted:
- iv. No. of technologies taken to the adopted villages
- v. Name of the technologies found suitable by the farmers of the adopted villages:
- vi. Impact (production, income, employment, area/technological– horizontal/vertical)
- vii. Constraints if any in the continued application of these improved technologies

Sl. No.	Villages	Block	Year	Farm families (No.)	PRA conducted (No.)	No. of technologies (No.)	Suitable Technologies name	Impact		Constraints
								Production (q/ha)	Income (Rs./ha)	
1.	Manjhi	Manjhi	2021	25	1	5	QPM, ZT	62	25785	NA
2.	Nanadpur	Manjhi	2021	30	1	5	Green manuring in rice, Zero tillage Wheat	49	31456	NA
3.	Dumri	Manjhi	2021	45	1	8	Plastic mulching in	295.0	178000	NA

Sl. No.	Villages	Block	Year	Farm families (No.)	PRA conducted (No.)	No. of technologies (No.)	Suitable Technologies name	Impact		Constraints
								Production (q/ha)	Income (Rs./ha)	
							tomato, Zero tillage Wheat			
4.	Bareja	Manjhi	2019	12	0	5	Vertical farming,	785.0	230000	NA
5.	Majhwaliya	Jalapur	2021	36	0	8	RCT in Rice	45.0	25785	NA
6.	Affaur	Nagra	2021	25	0	8	Natural farming in rice-wheat, Zero tillage Wheat	85.0	48000	NA
7.	Karah	Baniyapur	2021	25	0	5	Organic farming in Banana	450.0	205000	NA
8.	Sitalpur	Sitalpur	2023	5	0	1	Mushroom under AC chamber, Laser land leveller, Zero tillage Wheat	1075.4	475000	NA

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab: To be established

1. Year of establishment : NA

2. List of equipment's purchase with amount

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

3. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	350	350	10	-
Water	-	-	-	-
Plant	-	-	-	-
Total	-	-	-	-

4.0 LINKAGES

4.1 Functional linkage with different organizations/department

Sl.No.	Name of organization	Nature of Linkage	Outcome of linkage
1.	ATMA , Saran	Training, demonstration of agriculture and allied activities	-
2.	NABARD	Infrastructure development related to IFS	-

4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage	Outcome of linkage
1	Training	Entrepreneur development	-
2	-	-	-

5. Utilization of Hostel facilities

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

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

Annexure - I

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientel e	Title of the training programme	Duratio n in days	Number of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
Crop Production											
	PF/FW										
Horticulture											
20.01.2025	PF/FW	Layout and care of Kitchen Garden	1	71	0	71	04	0	04	75	January
05.02.2025	PF/FW	Cultivation of vegetables in summer season	1	20	0	20	0	0	0	20	February
06.02.2025	PF/FW	Application of micro irrigation in mango, guava and litchi	1	27	0	27	0	0	0	27	February
27.02.2025	PF/FW	Scientific cultivation of Papaya	1	29	0	29	0	0	0	29	February
10.03.2025	PF/FW	Establishment of new orchard	1	26	4	30	2	0	2	32	March
27.03.2025	PF/FW	Scientific Cultivation of Cucurbitaceous vegetables	1	26	8	34	2	0	2	36	March

Date	Clientel e	Title of the training programme	Duratio n in days	Number of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
2.04.2025	PF/FW	Bahr treatment for quality production of guava	1	21	8	29	2	0	2	31	April
04.04.2025	PF/FW	Care and management of mango and litchi	1	49	2	51	5	0	5	56	April
28.7.2025	PF/FW	Establishment of new orchard	1	23	1	24	02	0	02	26	July
11-08-2025	PF/FW	Layout & importance of Nutrition Garden	1	16	4	20	04	01	05	25	August
06.09.2025	PF/FW	Micro irrigation system used in orchards of mango, guava and litchi	1	16	4	20	04	01	05	25	Septemb er
21.10.2025	PF/FW	Nursery raising of brinjal and tomato	1	16	4	20	04	01	05	25	October
Livestock prod.											
	PF/FW										
Agril. Engg.											
06.02.2025	PF/FW	Uses of small agricultural tools	1	28	3	31	5	2	7	38	February
03.04.2025	PF/FW	Zero tillage sowing of green gram	1	31	1	32	4	0	4	36	April
12.08.2025	PF/FW	Installation and maintenance of micro irrigation systems	1	16	4	20	04	01	05	25	August
20.08.2025	PF/FW	Importance of Direct Seeded Rice	1	16	4	20	04	01	05	25	August
10.09.2025	PF/FW	Use of Plastics in farming practices	1	16	4	20	04	01	05	25	Sept.
23.10.2025	PF/FW	Small scale processing and value addition	1	16	4	20	04	01	05	25	October
18.11.2025	PF/FW	Sowing of Wheat by Zero tillage	1	16	4	20	04	01	05	25	Nov.
19.12.2025	PF/FW	Production of small tools and implements	1	16	4	20	04	01	05	25	Dec.
Home Sc.											
	PF/FW										
Plant Protection											
23.01.2025	PF/FW	Integrated pest and disease management in mustard	01	29	3	32	0	0	0	32	Jan
01.02.2025	PF/FW	Integrated pest and disease management in chilli	01	10	1	11	0	0	0	11	Feb
17.03.2025	PF/FW	Use of bio rational pesticides for the management of agricultural pests	01	23	0	23	00	00	00	23	Mar
05.04.2025	PF/FW	Integrated pest management in maize	01	16	1	17	02	0	02	19	April
08.05.2025	PF/FW	Integrated pest management in Green gram	01	16	0	16	04	0	04	20	May
19.06.2025	PF/FW	Integrated pest and disease management in paddy crop	01	16	4	20	04	01	05	25	June
18.08.2025	PF/FW	Integrated pest management of field rats (Bandicoota sp., Rattus sp.) in paddy & wheat fields	01	16	4	20	04	01	05	25	Aug
17.09.2025	PF/FW	Integrated pest and disease management in Lentil	01	16	4	20	04	01	05	25	Sept

Date	Clientele	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
09.10.2025	PF/FW	Use and application of organic pesticides in Rabi crops	01	16	4	20	04	01	05	25	Oct
20.11.2025	PF/FW	IP&DM in rabi crops particularly in wheat production	01	16	4	20	04	01	05	25	Nov
30.12.2025	PF/FW	Integrated pest and disease management in Cole crops	01	16	4	20	04	01	05	25	Dec
Fisheries											
	PF/FW										
Soil Health											
	PF/FW										

i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Durati on in days	No. of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
Crop Production											
16.04.2025	PF/FW	Plan the kharif crop cultivation according to time sown of rabi crop	1	16	5	21	5	3	8	27	April
15.05.2025	PF/FW	Scientific cultivation of paddy crops at Sitabdiyara	1	10	0	10	02	0	2	12	May
16.05.2025	PF/FW	Scientific cultivation of pigeon pea at Sitabdiyara	1	17	0	17	05	0	5	22	May
25.06.2025	PF/FW	Scientific cultivation of millets	1	17	04	21	05	0	05	26	June
01.07. 2025	PF/FW	Plan the kharif crop cultivation according to time sown of rabi crop	1	19	1	20	0	0	0	20	June
Horticulture											
19.05.2025	PF/FW	Layout and establishment of new fruit orchard	1	14	38	52	3	18	21	73	May
21.05.2025	PF/FW	Care and management of mango and litchi orchard	1	21	03	24	2	0	2	26	May
02.06.2025	PF/FW	Planting techniques of mango litchi, banana and papaya saplings	1	28	10	38	04	02	06	44	June
06.06.2025	PF/FW	Selection of kharif season vegetables and their management	1	24	07	31	04	02	06	37	June
25.08.2025	PF/FW	Layout and preparation of kitche n gardening	1	16	4	20	04	01	05	25	August

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
16.09.2025	PF/FW	Scientific cultivation of cucurbitaceae vegetables	1	16	4	20	04	01	05	25	September
20.09.2025	PF/FW	Scientific cultivation of papaya	1	16	4	20	04	01	05	25	September
09-10-2025	PF/FW	Nursery raising of marigold	1	16	4	20	04	01	05	25	October
13-10-2025	PF/FW	Nursery raising of onion	1	16	4	20	04	01	05	25	October
10.11.2025	PF/FW	Production and management technology of marigold	1	16	4	20	04	01	05	25	November
05.12.2025	PF/FW	Care and management of Papaya and Potato	1	16	4	20	04	01	05	25	December
08.12.2025	PF/FW	Management of horticultural crops during month of December	1	16	4	20	04	01	05	25	December
22.12.2025	PF/FW	Layout and establishment of new fruit orchards	1	16	4	20	04	01	05	25	December
Live Stock Production.											
	PF/FW										
Agril. Engg.											
27.01.2025	PF/FW	Solar power irrigation system	1	13	1	14	4	0	4	18	January
05.03.2025	PF/FW	Application of micro irrigation in fruit crop	1	19	1	20	6	1	7	27	March
15.05.2025	PF/FW	Women's friendly tool "Grabber"	1	28	0	28	8	0	8	36	May
16.05.2025	PF/FW	Importance of Direct Seeded Rice	1	17	0	17	5	0	5	22	May
19.08.2025	PF/FW	Importance of 3 nozzle sprayer	1	16	4	20	04	01	05	25	August
18.09.2025	PF/FW	Importance of farm machinery and implements	1	16	4	20	04	01	05	25	September
19.09.2025	PF/FW	Installation and maintenance of micro irrigation systems	1	16	4	20	04	01	05	25	September
22.09.2025	PF/FW	Importance of mulching for water conservation	1	16	4	20	04	01	05	25	September
10.10.2025	PF/FW	Women's friendly tool "Grabber"	1	16	4	20	04	01	05	25	October
13.10.2025	PF/FW	Importance of Direct Seeded Rice	1	16	4	20	04	01	05	25	October
04.11.2025	PF/FW	Importance of farm machinery and implements	1	16	4	20	04	01	05	25	November
07.11.2025	PF/FW	Use of Plastics in farming practices	1	16	4	20	04	01	05	25	November
15.11.2025	PF/FW	De-husking of Maize-by-Maize sheller machine	1	16	4	20	04	01	05	25	November
08.12.2025	PF/FW	Uses of small tools and implements	1	16	4	20	04	01	05	25	December
11.12.2025	PF/FW	Importance of Zero tillage for Rabi crop	1	16	4	20	04	01	05	25	December

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
18.12.2025	PF/FW	Small scale processing and value addition	1	16	4	20	04	01	05	25	December
Home Sc.											
	PF/FW										
Plant Protection											
23.01.2025	PF/FW	Management of pests & diseases in horticulture crops	01	28	03	31	01	00	01	32	Jan
22.03.2025	PF/FW	Pest and disease management in mango	01	12	04	16	01	00	01	17	Mar
26.3.2025	PF/FW	Importance of trichoderma culture in green gram	01	22	12	34	03	00	03	37	Mar
07.04.2025	PF/FW	Organic pest and disease management	01	20	00	20	01	00	01	21	April
21.05.2025	PF/FW	Integrated pest management in paddy	01	27	00	27	00	00	00	27	May
12.6.2025	PF/FW	Seed treatment and IDM in vegetables using Trichoderma	01	21	00	21	01	00	01	22	June
16.7.2025	PF/FW	Integrated pest and disease management in pigeon pea	01	02	13	15	02	05	07	22	July
19.7.2025	PF/FW	Use of pesticides for the management of paddy pests	01	20	01	21	03	00	03	24	July
21.08.2025	PF/FW	Integrated pest management in cabbage & cauliflower	01	16	4	20	04	01	05	25	Aug
10.09.2025	PF/FW	Importance of brahmastra in pulse crops	01	16	4	20	04	01	05	25	Sept
15.10.2025	PF/FW	Integrated pest management in cabbage & cauliflower	01	16	4	20	04	01	05	25	Oct
26.11.2025	PF/FW	Integrated disease management in cabbage & cauliflower	01	16	4	20	04	01	05	25	Nov
16.12.2025	PF/FW	Integrated pest and disease management in mustard	01	16	4	20	04	01	05	25	Dec
Fisheries											
	PF/FW										
Soil health											
	PF/FW										

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			SC/ST participants			G.Total	Month of training
				M	F	T	M	F	T		
Mushroom	Plant Protection	Cultivation techniques of Oyster mushroom	05	15	02	17	02	01	03	20	Jan
Mushroom	Plant	Oyster mushroom	05	33	7	40	05	03	08	48	July

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			SC/ST participants			G.Total	Month of training
				M	F	T	M	F	T		
	Protection	production techniques									
Mushroom	Plant Protection	Cultivation techniques of Bütün mushroom	05	16	4	20	04	01	05	25	Oct
Honey bee	Plant Protection	Care and maintenance of honey bees	05	15	05	20	05	05	10	30	Nov
Agricultural Engg.	Agricultural Engg.	Repair and maintenance of farm machinery and implements	3	16	4	20	04	01	05	25	August
Agricultural Engg.	Agricultural Engg.	Small scale processing	3	16	4	20	04	01	05	25	September
Agricultural Engg.	Agricultural Engg.	Tractor operator	5	16	4	20	04	01	05	25	October
Agricultural Engg.	Agricultural Engg.	Uses of small tools in agriculture	3	16	4	20	04	01	05	25	November
Horticulture	Horticulture	Gardener	5	16	4	20	04	01	05	25	August
Horticulture	Horticulture	Raising of vegetable nursery	3	16	4	20	04	01	05	25	September
Horticulture	Horticulture	Vertical Farming	3	16	4	20	04	01	05	25	October
Horticulture	Horticulture	Layout and establishment of new orchards	3	16	4	20	04	01	05	25	December
Cow & Goat	Veterinary science	Scientific rearing of Cow & Goat	5	52	3	55	04	0	04	59	July
Fish farming	Veterinary science	Scientific rearing of Fish	5	16	4	20	04	01	05	25	September
Poultry farming	Veterinary science	Scientific rearing of Poultry	5	16	4	20	04	01	05	25	October
Pig Farming	Veterinary science	Scientific rearing of Pig	5	16	4	20	04	01	05	25	November

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	Month
				M	F	T	M	F	T		
On Campus											
03.10.2025	Plant Protection	IP&DM in paddy	01	15	05	20	04	01	05	25	Aug
15.12.2025	Plant Protection	IP&DM in horticultural crops	01	15	05	20	04	01	05	25	Dec
01.09.2025	Agricultural Engg.	Care and maintenance of farm machinery and implements	01	16	4	20	04	01	05	25	September
04.10.2025	Agricultural Engg.	Importance of Micro irrigation systems	01	16	4	20	04	01	05	25	October
07-09/01/2025	Horticulture	Natural Farming	3	27	01	28	04	0	04	28	January
05-06.03.2025	Horticulture	Natural Farming	2	21	15	36	1	0	1	36	March

iv) Sponsored programme

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

**Signature of Senior Scientist & Head
KVK SARAN BIHAR**