Annual Action Plan

Krishi Vigyan Kendra
Sahibganj (Estb. 2004)

Directorate of Extension Education

Birsa Agricultural University, Ranchi

ATARI Zone-IV Patna, Bihar

Brief information about the district

Name of Agro Climatic Zone	Eastern Plateau and Hill Region
Longitude	87°25’ East to 87° 54’ East
Latitude	24°42’ North to 25°21’ North
Temperature Maximum	44.3°C
Temperature Minimum	6.8°C
Geographical (ha)	2,02,800
Total cultivable area (ha)	1,12,264
Total Net sown area (ha)	77,350
Area sown more than once (ha)	33,212
Kharif sown area (ha)	69,453
Rabi sown area (ha)	33,212
Summer sown area (ha)	4,084
Gross cropped area (ha)	1,06,749
Cropping intensity (%)	138
Annual Rainfall (mm)	1490.57
Rainy days	70
Total irrigated area (ha)	20,251 ha
Total rainfed area (ha)	57,099 ha
Irrigation per cent	26%
Soil type	Red Laterite, Alluvial and Black
Upland (ha)	36%
Midland (ha)	30%
Lowland (ha)	34%

Brief information about the district

Soil organic carbon status of the district	Low – 11.6%, Medium – 15.8%, High – 64.7%
Nutrient status of soil of the district	N (L-8.5%, M-66.1%, H-17.5%)
	P (L-70.9%, M-21.2%, H-7.9%)
	K (L-26.6%, M-41.2%, H-24.3%)
Secondary & Micronutrient status	S (L-56.3%), B (L-38.5%), Zn, Cu, Mn, Fe (Deficiency - 0.2 to 2.8%)
Fertilizer consumption	67 kg/ha
Total Population	11,50,567
Total SC population & (%) of total population	72,341 (6.3%)
Total ST population & (%) of total population	3,08,343 (27.8%)
Male population	5,89,391
Female population	5,61,176
Literacy (%)	42%
No of Tehasil	2
No of blocks	9
No of Panchayat	162
No of villages	1813 (1307)

Self Position

Name of staff	Designation and discipline	Date of joining in present KVK
Dr. Supriya Singh	Scientist, Horticulture & I/c Head	07-08-2025
Dr. Ashok Kumar Sinha	Scientist Agril. Engg.	09-10-2025
Sri Sanjeev Kumar	Scientist Agronomy	08-10-2025
Sri Deepak Kumar	Assistant	20-06-2025

Farmers category of the district

Name of Block	Geographical Area (ha)	Marginal Farmer (Nos.) Up to 1.0 ha	Small Farmers (Nos.) 1.0 – 2.0 ha	Medium Farmers (Nos.) 2.0 – 5.0 ha	Large Farmers (Nos.) More than 5.0 ha	Total Farmers (Nos.)
Sahibganj	1777.25	3908	307	2025	823	7,063
Mandro	23306.29	4670	3687	2458	983	11,798
Borio	35880.64	6138	4846	3220	1292	15,496
Barhait	36550.32	8312	6556	4375	1750	20,993
Barharwa	18693.03	953	8253	5502	2200	16,908
Pathna	17478.64	5150	4066	2510	1084	12,810
Rajmahal	12251.92	7623	6018	4012	1605	19,258
Udhwa	9214.28	8248	6511	4341	1736	20,836
Taljhari	25972.54	1061	3981	2654	1061	8,757
Total no of farmers		46,063	44,225	31,097	12,534	1,33,919
% of Land holding		34	33	23	9	

Average land holding of the district: 0.8383 ha
Source: SREP, Sahibganj (2011)

Status of major field crops of the district

Season: Kharif			
Name of crop	**Area (ha)**	**Production (Ton)**	**Productivity (q/ha)**
Rice	45,053	1,41,691.68	31.45
Maize	13,945	31160.18	22.34
Pigeonpea	3,730	1,920.95	5.15
Blackgram	947	975.41	10.30
Lobia (cowpea)	600	720	12
Season: Rabi			
Wheat	12710	31520.8	24.80
Chickpea	10345	10076.03	9.74
Lentil	4131	1858.95	4.50
Mustard	14433	15,111.35	10.46

Source: District Agriculture Department, Sahibganj (2024-25)

Status of major horticulture crops of the district

Name of crop	**Area (ha)**	**Production (MT)**	**Productivity (q/ha)**
Fruits			
Mango	2964.3	28886	97.45
Guava	888.8	9292.00	104.54
Litchi	759.5	8382.00	110.36
Vegetables			
Brinjal	1899.5	24393.80	128.42
Chilli	1868.3	25169.00	134.7
Cabbage	1030.4	16080.00	156.05

Source: District Horticulture Office, Sahibganj (2024-25)

Livestock status of the district

Name of livestock	**Number**
Cattle	Indigenous – 2,83,367 Cross bred – 2,799
Buffalo	63,912
Sheep	3,505
Goat	3,39,991
Pig	67,439
Duck	29,745
Poultry	1,56,325(Desi)
Fish reservoir	560.20 ha
Total no. of commercial dairy unit	52
Total no. of commercial goatry unit	27
Total no. of commercial poultry unit	35

Details of Agro-Ecological Situation

Name of Agro- Climatic Zone	Name of Agro-Ecological Situation	Agro-Ecological Situation features	Blocks covered
Agro-Climatic Zone VII: Eastern Plateau and Hill Region **Sub Zone IV: Central and North Eastern Plateau**	AES I	Flood Prone, Alluvial Soil, Irrigated Soil near the Ganga river basin, irrigated, Maize , Wheat, vegetables- cucurbits, sugarcane	Sahibganj, Rajmahal, Udhwa
	AES II	Red Lateritic Soil in upland and hilly areas, rainfed Paddy/Maize, cowpea, bajra,Mustard/lentil/ Linseed	Borio, Barhait, Barharwa
	AES III	Black Soil in some plateau and valley regions, rainfed Paddy-Mustard-Blackgram/greengram Maize-vegetable, Cowpea, Bajra, Sesame	Mandro, Taljhari, Pathna

Major Problems Identified

- Non adoption of recommended package and practices of crops.
- Acidic soil, low soil fertility and imbalance use of plant nutrients
- Lack of Pest & Disease management
- Large are under rice fallow.
- Lack of improved breeds of Cattle, Pig & Poultry.
- Lack of farm mechanization tools & instruments
- Erratic rainfall and non availability of perennial water sources

Major Thrust Areas

- Conversion of rice fallow under cultivation through oilseed and vegetable cultivation
- Increasing productivity of major acidic soil
- Integrated nutrient and pest management in major crops
- Crop diversification through Horticulture
- Adoption of suitable soil conservation measures and rain water harvesting
- Promotion of organic and natural farming
- Promotion of secondary agriculture
- Entrepreneurship through dairy, goatery, poultry, beekeeping and mushroom production

Summary of the activities to be conducted during 2026

Target				Target	
Activity	**Number of activity**	**No. of farmers to be covered**	**Activity**	**Number of activity**	**No. of farmers to be covered**
OFTs	6	60	**No of Soil and Water Testing in Laboratory**	300	300
FLDs – Oilseeds (activity in ha)	-	-			
FLDs – Pulses (activity in ha)	2	10	**No of advisory through Kisan Sarathi portal**	50	22,528
FLDs – Other than Oilseed and Pulses crops (activity in ha)	8.8	55	**SAC Meeting (Date & no. of core/ official**	-	-
FLDs – Other than Crops (activity in no. of unit/Enterprises)	-	-	**members)**		
Training – Farmers and farm women	48	1200	**Literature to be developed/ Published**	5	5000
Training – Rural Youths	10	250			
Training – Extension Functionaries	12	360	**Convergence Programme / Sponsored Programme**	5	150
Extension activities	82	3,750			
Seed Production (Quintal)	125 q	-			
			KVK Progressive	2	200
No. of seedling/sampling Production	63,000	-	**Farmers interaction**		
Other Bio- products – Vermicompost (q)	48 q	-	**Outreach of KVK in the District (No. of blocks,**	9 (250)	
Live stock products (Poultry chicks – nos.)	-	-	**no. of villages)**		
(Fingerlings – nos.)	-	-			

Proposed OFT

OFT No: 1: District Area – 45053 ha, District Yield – 31.45 q/ha, State Yield – 26.72 q/ha

Crop	**Rice**
Season	Kharif 2026
Main problem	High cost of cultivation of rice
Main cause	Use of high seed rate
Title of OFT	Assessment of different seed rate on yield of Rice.
Farming situation	Red Lateritic Soil, Low land, Rainfed, Previous crop-Wheat/Mustard
Thematic area	Resource Management
Farmer practice	T1: Seed rate 80 kg/ha
Technology option selected for assessment	T2: Seed rate 40 kg/ha T3: Seed rate 30 kg/ha
Source of technology	ICAR- DWR, Jabalpur 2025
No of trial	10 (Area 1ha)
Detail of critical input	0
Cost of individual critical input	0
Total cost of critical input	0
Performance indicator	(i) Technical indicator (Plant Height(cm), Plant/m², Yield, (q/ha) (ii) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer perception

OFT No: 2:

District area – 14433 ha, District yield – 10.47 q/ha, State yield- 8.01 q/ha

Crop	**Mustard**
Season	Rabi
Main problem	Low yield of Mustard
Main cause	Low yield due to heavy weed infestation
Title of OFT	Assessment of chemical weedicides against major weeds of Mustard crop
Farming situation	Soil type:- Red lateritic, land type:- Mid Land, Irrigation type:- Irrigation, Previous crop:- Paddy
Thematic area	Weed management
Farmer practice	T1 (Hand weeding at 35 DAS)
Technology option selected for assessment	T2 - Pendimethalin @ 0.5 kg a.i./ha at 2 DAS + One Hand weeding at 30 DAS T3 -Pendimethalin @ 0.5 kg a.i./ha (as PE) at 2 DAS + Quizalafop @ 0.5 kg ai./ha at 30DAS
Source of technology	BAU, Ranchi 2020
No of trial	10 (1 ha area)
Detail of critical input	Weedicide
Cost of individual critical input	Weedicide:- Rs. 3000.00
Total cost of critical input	Rs.3000.00 /ha
Performance indicator to be recorded	(i) Mean number of *Chenopodium album* (Bathua) ; *Cynodon dactylon* (Doob grass) over per sq.m area) ; Yield (q/ha) (ii) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmers perception

OFT No: 3

District area – 1868 ha, District yield – 135 q/ha, State yield- 106 q/ha

Crop	**Chilli**
Season	Rabi 2026-27
Main problem	Flower drop in chilli crop.
Main cause	Hormonal imbalance
Title of OFT	**Management of flower drop in Chilli crop through PGR application**
Farming situation	Soil type:- Red laterite land type:- Mid Land Irrigation type:- Irrigation Previous crop:- Paddy
Thematic area	Growth regulator
Farmer practice	T-1 (No use of PGR, farmer practice)
Technology option selected for assessment	T-2: Spray of NAA @25PPM 1st spraying at 30DAT and at 2nd at flowering stage T-3: Spray of GA3 @10PPM 1st spraying at 30DAT and at 2nd at flowering stage
Source of technology	T-2: BAU Sabour Bihar, 2022 T-3: TNAU, 2024
No of trial	10, (Area : 0.4 ha)
Detail of critical input	PGR - NAA, GA_3
Cost of individual critical input	PGR - NAA & GA_3, Rs. 1000 .00 Each
Total cost of critical input	Rs. 2000/0.4ha
Performance indicator to be recorded	(i) Technical indicators: Days from transplanting to 50% flowering, No. of fruits/plant; Average fruit weight (g), Yield (q/ha) (ii) Economic indicators: (Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmers perception

OFT No: 4

District area – 2964 ha, District yield – 97.45 q/ha, State yield- 93.48 q/ha

Crop	Mango
Season	Kharif 2026
Main problem	Poor yield of mango
Main cause	Poor yield due to improper nutrition
Title of OFT	Assessment of doses of NPK and micronutrient for higher yield of mango
Farming situation	Soil type : Red Lateritic, Land type: Upland, Irrigation type: Irrigated
Thematic area	Integrated Nutrient Management
Farmer practice	T1: FYM 20kg /plant, NPK @ 200:125:150 g/plant
Technology option selected for assessment	T2: FYM 50 Kg/plant + RDF(NPK 900:250:600 g/plant), as soil application T3 : FYM 50Kg/plant + RDF (NPK @ 900:250:600g/plant, after harvest) +Zinc Sulphate 100g + Copper Sulphate (50g) +Boric Acid (50g) as soil application + Zinc Sulphate (0.2%) + Copper Sulphate (0.1%) Boric Acid (0.1%) as foliar spray (Two sprays before flowering and at marble stage)
Source of technology	Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan, 2024
No of trial	10
Detail of critical input	RDF, Zinc sulphate, Copper sulphate, Boric acid
Cost of individual critical input	700/-
Total cost of critical input	7000/-
Performance indicator to be recorded	(i) Technical Indicator: Fruits / plant (Nos.), Fruit weight (g), Fruit yield (kg/tree & q/ha). (ii) Economic Indicator: Cost of cultivation, Gross Return, Net Return, B:C Ratio (iii) Farmers perception

OFT No: 5

District area – 3730 ha, District yield – 5.15 q/ha, State yield- 11.79 q/ha

Crop	Pegeon Pea
Season	Kharif 2026
Main problem	Low yield
Main cause	High weed infestation
Title of OFT	Assessment of manual low cost weeding tools in Pigeon pea crop
Farming situation	Red lateritic soil, Upland
Thematic area	Weed Management
Farmer practice	T1: No weeding/Hand weeding with khurpi/Kudal
Technology option selected for assessment	T2: Three Tyne hoe (grubber) T3: Rotary tiller (manual)
Source of technology	CIAE, Bhopal
No of trial	10
Detail of critical input	Three tyne hoe and rotary tiller
Cost of individual critical input	Rs. 16000/-
Total cost of critical input	Rs. 16000/-
Performance indicator to be recorded	(i) Technical indicator:- Field capacity (ha/hr), weeding efficiency(%), yield(q/ha) (ii) Economic indicator:- Cost of cultivation, Gross return, Net return, B:C ratio

OFT No: 6

District area – 3730 ha, District yield – 5.15 q/ha, State yield- 11.79 q/ha

Crop	Wheat
Season	Rabi 2026-27
Main problem	Low profitability in Wheat
Main cause	Improper irrigation management
Title of OFT	Assessment of cut off ratio in wheat irrigation
Farming situation	Red lateritic soil, Midland, Limited irrigation, Previous crop - rice
Thematic area	Water management Technology
Farmer practice	T1: 100% irrigation
Technology option selected for assessment	T2: Irrigation at 90%. cutoff T3: Irrigation at 80%. cutoff
Source of technology	DRRPCAU, Pusa
No of trial	10
Detail of critical input	0
Cost of individual critical input	0
Total cost of critical input	0
Performance indicator to be recorded	1. Technical indicator: Water of applied (m3/ha) Water saving (m3/ha), water use efficiency(q/ha-cm), and yield (q/ha) 2. Economic indicator : Cost of cultivation, Gross return,

Proposed FLD

FLD No: 1 **Title of FLD**	**District Area – 45053 ha, District Yield – 31.45 q/ha, State Yield – 26.72 q/ha** **Demonstration on moderate drought tolerant variety of rice, CR Dhan - 320**	
Season & Year	Kharif 2026	
Main Problem	Low yield due to erratic rainfall	
Main cause of problem	Late onset of monsoon and long dry spell	
Full detail of farmer's Practice	Variety- Lalat, Seed rate 50 kg/ha, NPK @ 45:23:0 kg/ha	
Full detail of technology to be demonstrated	Variety- CR Dhan 320, Seed rate- 40 kg/ha, NPK @ 80:40:30 kg/ha	
Source of Technology with year	ICAR-National Rice Research Institute, Cuttack, Year-2021	
Name of the Technology	Varietal	
Thematic area	ICM	
Name of villages	Kartikdanga, Hathigarh, Chanan	
Farming situation	Rainfed	
Area (ha)/Unit (No.)	5ha	No of farmers : 25
Performance indicator	(i) Technical indicator Yield (q/ha) (ii) Economic indicator Cost of cultivation, Gross return, Net return, B:C ratio (iii) Farmer perception	

FLD No: 2 **Title of FLD**	**District Area – 311 ha, District Yield – 10 q/ha, State Yield – 10.73 q/ha** **Demonstration on improved variety of Ragi, Birsa Madua - 3**	
Season & Year	Kharif 2026	
Main Problem	Low yield	
Main cause of problem	Use of traditional local variety	
Full detail of farmer's Practice	Local variety lal dana, Seed rate – 15 kg/ha, Broadcasting, NPK @ 20:20:0 kg/ha	
Full detail of technology to be demonstrated	Variety – Birsa Madua 3, Seed rate – 8 kg/ha, Line sowing (30x10 cm), NPK @ 40:30:20 kg/ha	
Source of Technology with year	Birsa Agricultural University Ranchi, 2021	
Name of the Technology	Varietal	
Thematic area	ICM	
Name of villages	Taljhari, Modicola	
Farming situation	Rainfed	
Area (ha)/Unit (No.)	1 ha	No of farmers : 25

Performance indicator	(i) Technical indicator Yield (q/ha) (ii) Economic indicator Cost of cultivation, Gross return, Net return, B:C ratio (iii) Farmer perception

FLD No: 3 **Title of FLD**	**District Area – 10 ha, District Yield – 11.35 q/ha,** **rState Yield – 8.46 q/ha** **Demonstration on short duration improved Green Gram Variety IPM 512-1**		
Season & Year	Summer 2027		
Main Problem	Low yield		
Main cause of problem	Lack of Improved variety		
Full detail of farmer's Practice	Variety- SML-668 , No Seed Treatment, NPK@ 30:20 kg/ha, broadcasting		
Full detail of technology to be demonstrated	Improved Variety IPM 512-1, Seed treatment with Carbendazim 50 %WP @ 2 g/kg seed , Rhizobium culture @ 500 g/ha, Line sowing (30x10 cm), NPKS@ 25:50:25:20		
Source of Technology with year	IIPR, Kanpur, 2020		
Name of the Technology	Variety- IPM 512-1 , Duration 60 days		
Thematic area	Crop Production		
Name of villages	Chanan , Kabutarkhopi		
Farming situation	Midland, irrigated		
Area (ha)/Unit (No.)	2 ha	No of farmers	10
Performance indicator	(I) Technical indicator- Yield q/ha. (II) Economic indicator – B:C (III) Farmer Feedback-		

FLD No: 4 **Title of FLD**	**Area – 45053 ha, District Yield – 31.45 q/ha, State Yield – 21.47 q/ha** **Demonstration on high yielding papaya hybrid Arka Surya**		
Season & Year	Kharif - Rabi 2026		
Main Problem	Low Yield		
Main cause of problem	Unavailability of superior high yielding hybrids		
Full detail of farmer's Practice	Variety-Local, Spacing:1x1, FYM-5kg		
Full detail of technology to be demonstrated	Hybrid-Arka Surya, Spacing:1.8x1.8m, FYM 7kg , karanj cake- 1kg, DAP - 1.5 kg, MOP- 500g, lime -250g/Pit, & RDF- 185g N, 190g P, K 210g/plant/year		
Source of Technology with year	ICAR-IIHR Bangalore		
Name of the Technology	Varietal		
Thematic area	Fruit crop production		
Name of villages	Taljhari, Pathna		
Farming situation	Irrigated		
Area (ha)/Unit (No.)	0.4 ha	No of farmers :	10
Performance indicator	(i) Technical indicator Yield (q/ha) (ii) Economic indicator Cost of cultivation, Gross return, Net return, B:C ratio (iii) Farmer perception		

FLD No: 5 Title	Demonstration on improved high yielding vegetable - type cowpea		
Season & Year	Kharif 2026		
Problem	Low productivity		
Main cause of the problem	Lack of improved high yielding variety		
Farmer's Practice	Variety Jarra, spacing 20x10, NP 25:50 kg/ha		
Full details of technology to be demonstrated	Improved Variety : Swarn mukut, Spacing 45x15, NPKS@ 20:40:20:20kg/ha		
Source of Technology (Year)	ICAR RCER Ranchi		
Name of the Technology	Varietal		
Thematic area	Vegetable crop production		
Name of villages	Bhatbhanga Pahad, Taljhari		
Farming situation	Rainfed		
Area	0.4 ha	No. of Farmers:	5
Performance indicator	Technical indicator: Yield in (kg) Economic indicator: B:C ratio Farmers Perception:		

Proposed trainings

	Title of Training Programme	Venue	Thematic Area	Duration(Days)	Training (Nos.)	Participant (Nos.)	Month
S.No.	**Farmers and Farm Women training**						
1	Soil testing - Improtance and benefits in crop production	Off campus	Resource conservation technologies	1	2	50	April
2	Integrated crop management technique of summer moong	Off campus	Integrated crop management	1	1	25	February
3	Integrated crop management technique of rice	Off campus	Integrated crop management	1	1	25	May
4	Integrated crop management technique of kharif pulses	Off campus	Integrated crop management	1	1	25	May
5	Integrated crop management technique of kharif oilseeds	Off campus	Integrated crop management	1	1	25	June
6	Integrated crop management technique of Finger millet	Off campus	Integrated crop management	1	1	25	July
7	Integrated crop management technique of mustard	Off campus	Integrated crop management	1	1	25	September
8	Integrated crop management technique of linseed	Off campus	Integrated crop management	1	1	25	October
9	Integrated crop management technique of Rabi Pulses	Off campus	Integrated crop management	1	1	25	October
10	Integrated crop management technique of wheat	Off campus	Integrated crop management	1	1	25	November
11	Crop Rotation design – planning the systematic succession of crops	On campus	Crop rotation	1	1	25	January
12	Green manuring Techniques	On campus	Resource conservation technology	1	1	25 Febru	February
13	Techniques of organic input production	On campus	Production of organic inputs	1	1	25	April
15	Techniques of natural farming	On campus	Resource conservation	1	1	25	June

			technology				
16	Integrated farming system for sustainability	On campus	Integrated farming	1	1	25	August
17	Scientific Production technology of Okra	Off Campus	Cultivation of Vegetable	1	2	25	January & May
18	Scientific Production and management of cowpea	Off Campus	Cultivation of Vegetable	1	2	25	January & May
19	Scientific production and management of tuber crops	Off Campus	Cultivation of Vegetable	1	1	25	June
20	Scientific production and management of cucurbits	Off Campus	Cultivation of Vegetable	1	1	25	June
21	Scientific production and management of Litchi	Off campus	Orchard management	1	1	25	February
22	Scientific production and management of mango	Off campus	Orchard management	1	1	25	February
23	Lay out and management	On campus	Orchard management	1	1	25	March
24	Intercropping in orchard for profitability	On campus	Orchard management	1	1	25	July
25	Training and pruning of fruit crop	On campus	Management Young orchard	1	1	25	September
26	Protective cultivation of vegetable and flower crops	On campus	Protective cultivation	1	1	25	November
27	Nursery management of vegetable crops	On campus	Nursery raising	1	1	25	June
28	Nursery management of fruit crops	On campus	Nursery management	1	1	25	June
29	Scientific production and management of cruciferous vegetable crops	On/Off campus	Cultivation of vegetable crops	1	1	25	August
30	Scientific production and management of solanecous vegetable crops	On/Off campus	Cultivation of vegetable crops	1	1	25	June
31	Scientific Production technology of aswagandha, sarpgandha and giloe	On campus	Production and management technology	1	1	25	June
32	Scientific Production and management of roses	On campus	Production and management technology	1	1	25	October
33	Importance of primary tillage implements and their selection	On campus	Farm Mechanization	1	1	25	November
34	Importance of secondary tillage implements and their selection	On campus	Farm Mechanization	1	1	25	December
35	Importance of interculture tools/ implements/equipments and their selection	On campus	Farm Mechanization	1	1	25	August
36	Importance and selection of	On	Farm	1	1	25	October

	harvesting equipments/tools/implement s	campus	Mechanization				
37	Importance and selection of plant protection equipments/tools/implement s	On campus	Farm Mechanization	1	1	25	February
38	Implements for drudgery reduction of farm women	On campus	Farm Mechanizatio n	1	1	25	January
39	Summer plouging importance and benefit in crop production	On/Off	Farm Mechanizatio n	1	1	25	April
40	Water management techniques and Methods for rabi and kharif crops/vegetables	On/Off	Water Management	1	2	50	Jan-Sept
41	Rainwater harvesting for life saving irrigation	On/Off	Water Management	1	1	25	July
42	Farm bunding and its role in mitigating drought	On/Off	Water Management	1	1	25	June
43	Micro irrigation Importance and benefits	On/Off	Water Management	1	1	25	May
44	Water Management technique in vegetable Crops	On/Off	Water Management	1	1	25	March
45	Method of calibartion of On zero till seed-cum-fertilizer drill for its efficient use of sowing of rabi crops	On	1 Farm Mechanization	1	1	25	December
46	Summer ploughing importance and benefit in crop production	On/Off	1 Farm Mechanization	1	1	25	May
47	Protected cultivation (green house, shade net etc) of vegetable and flower crops	On	Water Management 1 ent	1	1	25	February
48	Scientific method for storage of pulse grains to reduce deterioration of loss	On	Post Harvest Technology	1	1	25	March
	Total				**48**	**1200**	

	Title of training programme	Venue	Thematic Area	Duration (Days)	Training (No.)	Participant (No.)	Month
S.No.	**Rural Youth Training**						
1	Entrepreneurship Development through integrated farming	On campus	Integrated farming	5	1	1	June
2	Entrepreneurship Development through Bee keeping	On campus	Bee keeping	5	1	1	September
3	Entrepreneurship Development through Production of organic inputs	On campus	Production of organic inputs	5	1	1	May
4	Entrepreneurship Development through vermicomposting	On campus	vermiculture	5	1	1	July
5	Entrepreneurship Development through Nursery raising	On campus	Planting material Production	5	1	1	July
6	Entrepreneurship Development through Mushroom Production	On campus	Mushroom Production	5	1	1	August
7	Entrepreneurship Development through Preparation of handicraft items of water hyacinth	On campus	Waste management	5	1	1	February
8	Entrepreneurship Development through Protective cultivation of vegetable crops	On campus	Protective cultivation of vegetable crops	5	1	25	November
9	Entrepreneurship Development through Repair and maintenance of irrigation pumps, engines and farm implements	On campus	Water Management	5	1	25	July
10	Entrepreneurship Development through Technological know how of micro irrigation	On campus	Water Management	5	1	25	December
	Total				**10**	**250**	

	Title of training programme	Venue	Thematic Area	Duration (Days)	Training (No.)	Participant (No.)	Month
S.No.	**Extension Functionaries**						
1	Concept of Farmers Producer Organization	On	Group dynamics and farmers organization	1		30	February
2	Concept of kitchen garden for nutritional security	On	Household food security	1		30	March
3	Recent technologies and advancements in protected cultivation	On	Protected Cultivation	1		30	February
4	Recent technologies and advancements in water management	On	Water Management	1		30	January
5	Use of plastic in agriculture	On	Protected Cultivation	1		30	October
6	Productivity enhancement through crop rotation	On	Productivity enhancement of field Crops	1		30	July
7	PPVFR Act, 2001- Importance and benefits of conservation of farmer's varieties	On	Resource conservation	1		30	June
8	Canopy management techniques of orchard	On	Household food security	1		30	September
9	System of root intensification in wheat	On	Productivity enhancement in field crops	1		30	October
10	Care and maintenance of farm machinery and implements	On	Integrated Nutrient Management	1		30	June
11	Rejuvenation of old orchards	On	Rejuvenation of old orchards	1		30	September
12	Drone Technology	On	Farm Mechanization	1		30	July
	Total			**12**		**360**	

Proposed Extension Activities

Details of extension activities

Name of activity	No.	No. of farmers	Quarter wise details of activities to be conducted			
			Q1	Q2	Q3	Q4
Field day	20	600	10	0	0	10
Kisan Mela	01	1000	1			
Kisan Ghosthi	8	480	2	2	2	2
Exhibition	1	150	1			
Ex-trainees sammelan	2	100	1			1
Special day celebration						
Animal health camp	2	100	2	0	0	0
Soil test camp	2	200	0	1	1	0
Soil health camp	4	200	0	4	0	0
SHG conveners meeting	4	100	0	2	2	0
Farmer Scientist interaction	2	100	0	0	1	1
Scientist visit to farmer's field	36	720	9	9	9	9
Total	82	3750	26	18	15	23

Quality seed production programme 2026-27

Sl. No.	Season	Name of crops	Name of varieties	Target Area (ha)	Target of production(q)	Category of seed to be produced
1	Kharif 2026	Rice	MTU 7029	2.0	60.0	CS
2	Kharif 2026	Rice	IR 64 Drt - 1	1.0	25.0	CS
3	Kharif 2026	Rice	CR Dhan - 320	1.0	25.0	CS
4	Kharif 2026	Pigeonpea	Birsa Arhar - 2	1.0	12.0	CS
	Sub Total			**5.0**	**122.0**	
5	Rabi 2026-27	Mustard	Birsa Bhabha Mustard - 1	2.0	24.0	CS
	Total			**7.0**	**146.0**	

Details of quality seedling/sapling production programme

Sl. No.	Season	Name of vegetable/frui t	Name of varieties	No of seedling/ sapling to be prepared
1	Kharif	Mango	Amrapali, Mallika, Dasahri, Lagra	2000 (500each)
2	Kharif	Guava	L 49, Allahabad Safeda	1000 (500each)
3	Kharif/Ra bi	Tomato	Swarna Prakash	20000
4	Kharif/Ra bi	Brinjal	Swarna Shyamali	20000
5	Kharif/Ra bi	Chilli	Swarna Arohi	20000

Details of soil & water testing

Sl. No	Name of activity	No of sample to be tested	No of farmer to be covered	Revenue to be generated (Rs)
1	Soil Testing and generation of Soil Health Card	300	300	3000