

KRISHI VIGYAN KENDRA, BANKA

ANNUAL REPORT- 2024

(1st January- 31st December 2024)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Banka Jagatpur, Banka PIN Code- 813102	+91-9431659922	-	bankakvk@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Bihar Agricultural University Sabour, Bhagalpur, (Bihar)	0641-2452606	0641-2452604 -2451400 -2451350	vcbausabour@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	E-mail
Dr. Brajendu Kumar	Krishi Vigyan Kendra, Banka	+91-9431659922	bankakvk@gmail.com

1.4. Year of sanction of KVK with council order No. and date: **1983 (Sl. No.15 (22)/82 Agril. Extn./Jan 1983)**

1.5. Year of start of KVK: 1983

1.5. Staff Position (as on 31st December 2024)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent/ Probation	Category (SC/ST/OBC/ Others)
1.	Senior Scientist & Head	Dr. Brajendu Kumar	Senior Scientist & Head	Fisheries Science	147900.00	23.07.2019	Permanent	General
2.	Subject Matter Specialist	Er. Ravi Ranjan Kumar	Subject Matter Specialist	Agril. Engg.	92600.00	15.06.2009	Permanent	OBC
3.	Subject Matter Specialist	Sri Sanjay Mandal	Subject Matter Specialist	Soil Science	73200.00	03.05.2013	Permanent	OBC
4.	Subject Matter Specialist	Dr. Neha Singh	Subject Matter Specialist	Agril. Extension	56100.00	22.01.2024	Probation	General
5.	Subject Matter Specialist	Smt. Anamika Kumari	Subject Matter Specialist	Entomology	56100.00	19.02.2024	Probation	SC
6.	Subject Matter Specialist	Dr. Sanjit Kumar	Subject Matter Specialist	Vet. Science	56100.00	21.02.2024	Probation	OBC
7.	Subject Matter Specialist	Vacant	Subject Matter Specialist	-	-	-	-	-
8.	Programme Assistant	Vacant	Programme Assistant (Lab)	-	-	-	-	-
9.	Computer Programmer	Sri Rajiv Ranjan	Programme Assistant (Computer)	Computer Applications	47600.00	15.05.2013	Permanent	OBC
10.	Farm Manager	Sri Pawan Kumar	Farm manager	Agriculture	49000.00	29.10.2012	Permanent	General
11.	Accountant / Superintendent	Sri Sajjan Kumar Jha	Assistant	Account	47600.00	17.04.2013	Permanent	General
12.	Stenographer	Sri Devendra Kumar Singh	Stenographer	Stenography	34300.00	22.06.2013	Permanent	General
13.	Driver	Sri Kishori Mandal	Driver	Driving	28400.00	11.05.2015	Permanent	OBC
14.	Driver	Sri Shekhar Pathak	Driver	Driving	28400.00	09.02.1990	Permanent	General
15.	Supporting staff	Sri Kedar Prasad Yadav	Supporting staff	-	40600.00	01.01.1999	Permanent	OBC
16.	Supporting staff	Sri Lal Mohan Yadav	Supporting staff	-	39400.00	20.08.1986	Permanent	OBC

1.6 Total land with KVK (in ha):

Sl. No.	Item	Area (ha)
1	Under Buildings	3.00
2.	Under Demonstration Units	0.25
3.	Under Crops	10.00
4.	Orchard	0.75
5.	Agro-forestry	0.00
6.	Others with details (Pond + Road)	6.00
	Total	20.00

Total area should be matched with breakup

1.7. Infrastructure Development:**A) Buildings and others**

Sl. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Functional/ non-functional*	Source of funding
1.	Administrative Building	-	-	-	-	Constructed in 1983	199.2	Used but needs for renovation or New Building	ICAR
2.	Farmers Hostel & Training Hall	-	-	-	-	Yes, needs renovation	546.0	Used but needs for renovation	ICAR
3.	Staff Quarters (2) & Sr. Sc.H Qtr (1)	-	-	-	-	Damaged	400.6	Not used	-
4.	Piggery unit	-	-	-	-	-	-	-	-
5	Fencing	-	-	-	-	No	-	-	-
6	Rain Water harvesting structure	-	-	-	-	No	-	-	-
7	Threshing floor	-	-	-	-	Yes	831.26	Use	ICAR
8	Farm Godown	-	-	-	-	Yes	727.29	Use	ICAR
9.	Dairy unit	-	-	-	-	Yes	2500	Use	ICAR
10.	Poultry unit	-	-	-	-	Yes	286.0	Use	RKVY
11.	Goatry unit	-	-	-	-	Yes	122.5	Use	RKVY
12.	Mushroom Lab	-	-	-	-	Yes	106.4	Use	RKVY
13.	Mushroom production unit	-	-	-	-	Yes		Use	RKVY
14.	Shade house	-	-	-	-	No	-	-	-
15.	Soil test Lab	-	-	-	-	Yes	47.3	Use	ICAR
16	Vermicompost Unit	-	-	-	-	Yes	171.12	Use	ICAR

* If not in use then since when and reason for non-use

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Tractor- Holland 55HP	2019	801796.00	1113 hours	Running condition
Tractor- Holland 65HP	2020	924850.00	439 hours	Running condition
Bolero	2014	417598.00	143652 Kms.	Running condition
Two Wheeler (Discover)	2017	60000.00	15712 Kms	Running condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
BOD incubator	2012-13	287413.00	Working	BAU/RKVY
Autoclave	2012-13		Working	BAU/RKVY
Hot Air Oven	2012-13		Working	BAU/RKVY
Laminar flow	2012-13		Working	BAU/RKVY
Refrigerator	2012-13	14993.00	Working	BAU/RKVY
b. Farm machinery				
c. AV Aids				
CRT Monitor	2012	200000.00	Working	BAU/RKVY
Sound craft and channel	2012			BAU/RKVY
Microphone and speaker	2012			BAU/RKVY
Logicool AC 2T on spilt	2012			BAU/RKVY
Xerox machine (WC 5020)	2010	60030.00	Not Working	BAU/RKVY
Mahendra silent generator set	2012	300000.00	Not Working	BAU/RKVY
Computer	2013	50000.00	Working	BAU/RKVY
Numeric UPS 1000VA	2013			BAU/RKVY

D) Farm implements

Name of Implements	Year of purchase	Cost (Rs.)	Present status	Source of fund
Cultivator	1999-2000	4000.00	Not Working	ICAR
Cage wheel	1999-2000	3000.00	Not Working	ICAR
Knap Sac Sprayer (Battery operated)	-	5800.00	Working	ICAR
Pump set (Diesel)	-		Not Working	ICAR
Low-cost paddy thresher	2011-12	18500.00	Not Working	ICAR
Wheat thresher	2011-12	10000.00	Not Working	RKVY
Cultivator	2011-12		Working	RKVY
Rotavator	2011-12	28000.00	Working	RKVY
Electric pump set	2011-12	9000.00	Working	NHM
Wooden Planker	2011-12	6000.00	Working	RF
Ridger	2011-12	28500.00	Working	ICAR
Power shaw	2011-12	40000.00	Working	ICAR
Sprinkler	2011-12	68500.00	Working	ICAR
Multi seed drill	2011-12	58000.00	Working	ICAR
Zero till seed drill	2011-12	45000.00	Working	ICAR
Hydraulic trolley	2011-12	125000.00	Working	ICAR
Name of Implements	Year of purchase	Cost (Rs.)	Present status	Source of fund

Power conoweeder	2011-12	45000.00	Working	ICAR
Lavellor	2011-12	9500.00	Working	ICAR
Seed treatment drum	2011-12	3000.00	Working	ICAR
Cono weeder	2011-12	20000.00	Working	ICAR
Rice bailer	2012-13	860000.00	Transfer to BAU Sabour	Govt. Of Bihar
Mini rice mill	2012-13	207252.00	Not Working	Govt. Of Bihar
Lawn Mower (Electric)	2016-17	38000.00	Working	ICAR
Power Sprayer	2018-19	35000.00	Working	ICAR
Brush Cutter	2018-19	37000.00	Working	ICAR
Gatoor Sprayer	2019-20	7000.00	Working	ICAR
Chain saw (Petrol)	2020-21	16700.00	Working	ICAR
Happy Seeder	2020-21	289999.00	Working	Govt. Of Bihar
Zero till seed drill	2020-21	141000.00	Working	Govt. Of Bihar
Tractor Trolly	2020-21	250000.00	Working	Govt. Of Bihar
Land laser levellar	2020-21	305000.00	Working	Govt. Of Bihar
Harvestor	2020-21	2700000.00	Working	Govt. Of Bihar

2. Priority thrust areas of KVKs

Sl. No	Thrust area
1.	Development of location specific agro techniques for sustainable rice-wheat production system
2.	High tech fruit cultivation (crop diversification with high value fruit crops, fertigation, tree size control, canopy regulation etc.)
3.	Soil Fertility evaluation and nutrient management for sustaining soil health and yield optimization.
4.	Good agricultural practices such as organic farming and natural farming
5.	Integrated Farming Approach for year round income generation
6.	Promotion of allied agri-based enterprises such as mushroom production, poultry, dairy farming, fisheries among un-employed rural youths
7.	Formation of Self Help Groups for Women empowerment
8.	Climate Resilient Agriculture
9.	Health and nutrition management of milch animals
10.	Fodder production and preservation

2.a. District level data on agriculture, livestock and farming situation (2024)

Sl. No.	Items	Information
1	Major Farming system of the district	Provided below
2	One district one product (NITI Ayog)	<u>-do-</u>
2	Agro-climatic Zone	<u>-do-</u>
3	Agro ecological situation	<u>-do-</u>
4	Soil type	<u>-do-</u>
5	Productivity of major crops of districts	<u>-do-</u>
	Paddy	
	Wheat	
	Pulse	
	Oilseed	
	Veg. (name)	
	Fruit (Name)	

	Others	
	Enterprises	
6	Mean yearly temperature, rainfall, humidity of the district	
7	Production of major livestock products like, , etc.	
	milk	
	egg	
	meat	

❖ **Major Farming system/enterprise:**

Sl. No.	Major Farming System/Enterprises
1.	Agriculture-Horticulture
2.	Agriculture-silviculture
3.	Agriculture-silvipasture
4.	Agriculture-aquaculture
5.	Agriculture-dairying
6.	Agriculture-beekeeping-forestry
7.	Agriculture-Goatry-Dairying
8.	Agriculture-Aquaculture-Horticulture

❖ One district one product (NITI Ayog) of Banka district is Katarni Rice

❖ **Agro-climatic Zone:**

Sl. No.	Agro-climatic Zone	Characteristics
1	South Bihar Alluvial Plains Zone. III A	The district of Banka has 60% of area under hilly zone. The Climate of this district is characterized by a hot Summer and winter season having severe cold. March to June comprises the summer months while the cold season lasts from November to February. The bulk of the rainfall occurs in July and August. Monsoon rain sometimes starts in the June month and continues till September with October being the transitional month. The district also receives some amount of winter rains. The average annual rain fall is approx. 1000 mm. The temperature rises upto 45 ⁰ C in summer and average temperature is 10 ⁰ C in winter season.

❖ **Agro ecological situation:**

Sl. No	Agro ecological situation	Characteristics
1	Plain land, irrigated (55 % of total area). AES1	Predominance of clay loam and sandy clay loam soil across the river.
2	Undulating land, rainfed, majority of area covered with shrubs having shallow soils with hills & hill rocks. (45 % of total area). AES2	Plateau region having rock and coarse sand (Sandy clay loam).

❖ **Soil type:**

Sl. No	Soil type	Characteristics
1	Clay loam (AES1)	Slightly Alkaline to Neutral
2	Sandy clay loam (AES2)	Slightly Alkaline to slightly acidic, shallow soil.

❖ **Productivity of major crops of districts:**

Sl. No.	Crop	Area (ha)	Production (q)	Productivity (q/ha)
1	Paddy	99804	3677777	36.85
2	Wheat	37697	942425	25.00
3	Maize			
	(a) Kharif	8388	314550	37.50
	(b) Rabi	4482	313740	70.00
4	Gram	11029	194110	17.60
5	Lentil	7645	99385	13.00
6	Arhar	1371	8226	6.00
7	Pea	908	13620	15.00
8	Sugarcane	65	40300	620.00
9	Rai/Mustard	5099	61188	12.00
10	Total fruits & vegetables	19361	308867.81	15.95
	I. Mango	6500	52103.18	8.01
	II. Lime and Lemon	505	3333.00	6.60
	III. Citrus	700	6500.00	9.28
	IV. Guava	300	2500.00	8.33
	V. Banana	410	15067.5	36.75
	VI. Potato	4900	125700	25.65
	VII. Tomato	600	13300	22.16

Source: DAO Office, Banka 2024-25

❖ **Mean yearly temperature and rainfall of the district:**

Month	Rainfall (mm)	Temperature (°C)	
		Maximum	Minimum
January-2024	0.00	21.7	9.0
February-2024	0.00	25.5	11.2
March-2024	0.00	35.5	15.5
April-2024	0.00	40.3	24.75
May-2024	73.77	37.5	25.0
June-2024	39.76	37.0	25.0
July-2024	312.32	35.2	27.5
August-2023	236.62	36.5	26.5
September-2024	268.54	34.0	25.0
October-2024	47.40	32.35	18.5
November-2024	0.00	28.5	14.5
December-2024	0.00	25.0	9.5

❖ **Production of major livestock products like milk, egg, meat etc.:**

Livestock Product	Production
Milk(ton)	328250
Egg (nos.)	10970280
Meat (ton)	10448

Source: Department of Animal Husbandry, Banka, 2023

2.b. Details of operational area / villages (2024)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Rajoun	Rajoun	Uprama	Rice-Wheat	Rice- Delayed onset of monsoon, prolonged dry Spell, broad leaved weeds & grasses, long duration varieties Wheat- Delayed sowing due to late harvesting of paddy, poor grain setting due to terminal heat.	Climate Resilient Agriculture
2	Rajoun	Rajoun	Lilatari	Rice-Wheat		
3	Rajoun	Rajoun	Kathchatar	Rice-Wheat		
4	Rajoun	Rajoun	Kathoun	Rice-Wheat		
5	Rajoun	Rajoun	Bhusiya	Rice-Wheat		
6	Banka	Banka	Chutiya	Rice-Wheat		
7	Banka	Banka	Choubatiya	Rice-Wheat		
8	Banka	Banka	Pokhariya	Rice-Wheat		
9	Bounsi	Bounsi	Jharnapahar	Rice-Wheat		
10	Banka	Banka	Dharhabari	Rice-Wheat		
11	Katorita	Katorita	Tetariya	Pulse-fallow		
12	Chanan	Chanan	Babumahal	Rice-pulse		
13	Barahat	Barahat	Bhansiyabitta	Rice-Wheat		
14	Katoriya	Katoriya	Merha	Rice-pulse		
15	Banka	Banka	Jhirwa	Rice-Wheat		
16	Banka	Banka	Belatkar	Rice-Wheat		
17	Bounsi	Bounsi	Kaniket	Rice-Wheat		
18	Banka	Banka	Gouwabakhar	Rice-Wheat		
19	Banka	Banka	Larumadih	Rice-Wheat		
20	Amarpur	Amarpur	Koushalpur	Rice-Wheat		
21	Amarpur	Amarpur	Madachak	Rice-Wheat		
22	Rajoun	Rajoun	Mohna	Rice-Wheat		
23	Katoria	Katoria	Salaiya	Silviculture-pulse		

2. c. Details of village adoption programme during 2024:

Name of the villages adopted by Senior Scientist & Head and SMS (in year 2024) for its development and action plan

Name of village	Block	Action taken for development
Salaiya	Katoriya	CFLD, FLD, OFT, Field day, Training, Animal Health Camp, Demonstration, Diagnostic visit etc.
Sato	Chandan	
Kokritari	Banka	
Laxmanadih	Katoriya	
Dhariwaran	Katoriya	
Bhemiya	Katoriya	
Bengalgarh	Katoriya	

3. TECHNICAL ACHIEVEMENTS

3.1. Summery details of target and achievement of mandatory activities by KVK during the year 2024

OFT												FLD													
No. of technologies tested:												No. of technologies demonstrated:													
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers											
Target	Achievement	Target	Achievement										Target	Achievement	Target	Achievement									
			SC		ST		Others		Total							SC		ST		Others		Total			
			M	F	M	F	M	F	M	F	T	M				F	M	F	M	F	M	F	T		
5	5	35	17	0	13	0	28	0	58	0	58	32	32	1469	156	52	734	287	185	55	1075	394	1469		

Training												Extension activities													
Number of Courses		Number of Participants										Number of activities		Number of participants											
Target	Achievement	Target	Achievement										Target	Achievement	Target	Achievement									
			SC		ST		Others		Total							SC		ST		Others		Total			
			M	F	M	F	M	F	M	F	T	M				F	M	F	M	F	M	F	T		
141	141	5084	384	301	794	1302	1618	685	2796	2288	5084	287	287		1230	434	2865	1324	2587	2277	6682	4035	10717		

Impact of capacity building											Impact of Extension activities										
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achieve ment	SC		ST		Others		Total			Target	Achiev ement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T
4272	4272	12	0	4	0	82	32	98	32	130	287	287	152	0	212	37	456	250	820	250	1070

Seed production (q)			Planting material (in Lakh)		
Target (Crop and variety)	Achievement (q)	Sold (q)	Target (crop and variety)	Achievement	Sold (number)
Paddy (R. Sweta)	120.0	In Kind available	Cauliflower (Hybrid)	10000	10000
Paddy (R. Mahsuri)	57.0		Cabbage (Hybrid)	10000	10000
Paddy (S. Harshit)	3.99		Tomato (Hybrid)	10000	10000
Green Gram (Shikha)	8.15	7.45	Brinjal (Hybrid)	10000	10000
Wheat (S. Nirjal)	108.45	100.40	Chilli (Hybrid)	10000	10000
Chickpea (S. Chana-1)	8.65	7.80	Lobia (Kashi Keshar)	10000	10000
			French Beans (Vaishnavi 264)	10000	10000
			Bitter guard (Pragati 065)	10000	10000
			Cucumber (Hybrid)	500	500
			Fruits		
			Guava (Allahabadi Safeda)	850	850
			Papaya (Red Lady)	1000	1000

			Others (Flower Plant)	1000	1000
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Livestock strains (in no's) and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
-	-	0.01	0.01085

* Give no. only in case of fish fingerlings

3.2 ACHIEVEMENTS ON TECHNOLOGIES ASSESSED AND REFINED (OFT)

3.2. 1 Technology Assessed by KVK (Discipline wise)

A	Technologies assessed under various crops (Cereal Crop Production)			
	Thematic areas	Number of the technologies (Technology Interventions)	No. of trials	No. of Locations
1	Integrated Nutrient Management	2	20	6
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management			
5	Integrated Disease Management	1	18	3
6	Small Scale Income Generation Enterprises			
7	Weed Management	1	10	5
8	Resource Conservation Technology	1	10	7
9	Farm Machineries			
10	Integrated Farming System			
11	Seed / Plant production			
12	Post Harvest Technology / Value addition			
13	Drudgery Reduction			
14	Storage Technique			
15	Others (Pl. specify)			
16	Cropping Systems			
17	Farm Mechanization			
18	Others			
	Total			
B	Technologies assessed under various crops (Hort crops)			
	Thematic areas	Number of the technologies (Technology Interventions)	No. of trials	No. of Locations
1	Integrated Nutrient Management			
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management			
5	Integrated Disease Management			

6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Post-harvest Technology / Value addition			
10	Others if any specify			
C	Technologies assessed under livestock & Fisheries by KVKs			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Disease & Health Management			
2	Breeding management/Evaluation of Breeds			
3	Feed and Fodder management			
4	Nutrition Management			
5	Production and Management			
6	Processing and Value addition			
7	Fisheries management			
8	Others (waste, ITK etc)			
	Total	0	0	0
D	Technologies assessed under miscellaneous enterprises by KVKs			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery reduction			
2	Entrepreneurship Development			
3	Health and nutrition			
4	Processing and value addition			
5	Energy conservation			
6	Small-scale income generation			
7	Storage techniques			
8	Household food security			
9	Organic farming			
10	Agroforestry management			
11	Mechanization			
12	Resource conservation technology			
13	Value Addition			
14	Others			
	Total	0	0	0
E	Technologies assessed under various enterprises for women empowerment			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery Reduction			
2	Entrepreneurship Development			
3	Health and Nutrition			

4	Value Addition			
5	Others			
	Total	0	0	0

3.2.2 OFT (All discipline)

OFT-1 (Agril. Engg.)

- **Thematic area:** Recourse conservation technology
- **Problem definition/Name of OFT:**

1.	Title of On Farm Trial	Influence of nozzle type and spray volume on herbicide efficacy in paddy weed ecosystem
2.	Problem diagnosed	Farmers generally use cone nozzle for spraying weedicide which is not efficient in eradication of weeds as proper amount of weedicide does not reach the target site due to low water discharge efficiency per unit time.
3.	Details of technologies selected for assessment/refinement (Assessed)	Farmers Practices: - Spray of weedicide using cone type nozzle with spray volume 500 l/ha TO₁ – Spray of weedicide using flat fan nozzle with spray volume 500 l/ha TO₂ – Spray of weedicide using flood jet nozzle with spray volume 500 l/ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IIPFT, Gurgaon
5.	Production system and thematic area	Rice-Wheat/Pulse, Weed management
6.	Performance of the Technology with performance indicators	Weed/m ² , Yield attributes, Yield, Economics
7.	Final recommendation for micro level situation	Farmers are recommended to Spray using flood jet nozzle with spray volume 500 l/ha
8.	Constraints identified and feedback for research	Further research also to be made in the next year
9.	Process of farmers participation and their reaction	Field visit and interest of farmers.

Technology Assessed

Table: Yield, yield attributes and economics on diversification of rice based cropping system

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield (q/ha)	Cost of Cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
Weed management	FP - Spray using cone type nozzle with spray volume 500 l/ha	3	3	37.50	35700	87187	55137	2.44
	TO ₁ – Spray using flat fan nozzle with spray volume 500 l/ha			41.12	35700	95604	65874	2.68
	TO ₂ – Spray using flood jet nozzle with spray volume 500 l/ha			43.89	35700	102044	72314	2.86

Weed Population /m² (At Maturity stage) in FP, TO1 and TO2 was found 48.92, 44.08 and 37.65 respectively. Weed dry matter, g/m² (At Maturity stage) in FP, TO1 and TO2 was found 219.25, 213.25 and 200.12 respectively and no. of grain/panicle in FP, TO1 and TO2 was found 183.24, 187.26 and 198.89 respectively.

Result: The highest grain yield of 43.89 q/ha was recorded in spray of weedicide by using flood jet nozzle with spray volume 500 l/ha in TO₂ in which B: C ratio of 2.86 was found.



OFT-2 (Agril. Engg.)

1.	Title of On farm Trial	Assessment of Multi crop planter for sowing of pulses in different field condition
2.	Problem diagnosed	In higher moisture condition field preparation for cultivation of Chick pea takes more time after harvesting of paddy
3.	Details of technologies selected for assessment/refinement	FP: Broadcasting in tilled condition TO ₁ : Sowing with Zero tillage Multi crop planter (No till condition) TO ₂ : Sowing with Multi Crop planter (Tilled condition)
4.	Source of Technology	CIMMYT
5.	Production system and thematic area	Rice – wheat, Recourse conservation technology.
6.	Performance of the Technology with performance indicators	Yield and economics
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Field visit and interest of farmers.

Technology being assessed

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield (q/ha)	Cost of Cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
Weed management	Farmers Practice - Broad casting in tilled condition	3	3					
	TO ₁ – Sowing with Zero tillage Multi crop planter (No till condition)			Continuing				
	TO ₂ – Sowing with Multi Crop planter (Tilled condition)							

OFT-3 (Soil Science)

- **Thematic area:** Nutrient Management
- **Problem definition/Name of OFT:** Assessment of Fertilizers and Foliar application of Nutrient on wheat yield

1.	Title of on farm Trial (OFT)	Assessment of Fertilizers and Foliar application of Nutrient on wheat yield.
2.	Problem diagnosed	Low yield of Wheat due to poor soil productivity
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Technology Option: - FP - 100 kg N + 40 Kg P₂O₅ ha⁻¹. TO₁ - 120 kgN+60 Kg P₂O₅ +40 kg K₂O ha⁻¹ TO₂ - 120 kgN+60 Kg P₂O₅ +40 kg K₂O ha⁻¹ + 18:18:18 NPK 1% Spray at flowering stage.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour
5.	Production system and thematic area	Nutrient Management
6.	Performance of the Technology with performance indicators	Soil: - (i) Technical indicators (Plant height (cm), No. of tiller, Effective tiller, grain per panicle, Yield (Q/ha) (ii) Economic indicators (Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmers' perception
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Interaction with famers by training and field visit.

Technology being assessed

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
Nutrient Management	FP - 100 kg N + 40 Kg P ₂ O ₅ ha ⁻¹ .	4	4					Continuing
	TO ₁ - 120 kgN+60 Kg P ₂ O ₅ +40 kg K ₂ O ha ⁻¹							
	TO ₂ -120 kgN+60 Kg P ₂ O ₅ +40 kg K ₂ O ha ⁻¹ + 18:18:18 NPK 1% Spray at flowering stage.							



OFT-4 (Soil Science)

- **Thematic area:** Nutrient Management
- **Problem definition/Name of OFT:** Assessment of Fertilizers and Foliar application of Nutrient on wheat yield

1.	Title of on farm Trial (OFT)	Assessment of Sulphur levels on mustard yield in Banka district
2.	Problem diagnosed	Low yield of Mustard due to poor soil productivity
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP – 60 kg N +20 kg P ₂ O ₅ ha ⁻¹ . TO₁ - 80 kg N + 40 Kg P ₂ O ₅ +40Kg K ₂ O + 20 kg Bentonite Sulphur ha ⁻¹ . TO₂ - 80 kg N + 40 Kg P ₂ O ₅ +40Kg K ₂ O + 30 kg Bentonite Sulphur ha ⁻¹ .
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	DRPCAUI, Pusa Samastipur. (2011-12)
5.	Production system and thematic area	Nutrient Management
6.	Performance of the Technology with performance indicators	(i) Technical indicator (Plant height(cm), No. of Branches Plant ⁻¹ , No. of silique Plant ⁻¹ , Test Weight (g), Seed yield (kg/ha), Stover yield (Kg/ha) (ii) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) (iii) Farmer perception
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Interaction with famers during training and field visit.

Technology being assessed

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
Nutrient Management	FP – 60 kg N +20 kg P ₂ O ₅ ha ⁻¹ .	4	4					
	TO ₁ - 80 kg N + 40 Kg P ₂ O ₅ +40Kg K ₂ O + 20 kg Bentonite Sulphur ha ⁻¹							Continuing
	TO ₂ - 80 kg N + 40 Kg P ₂ O ₅ +40Kg K ₂ O + 30 kg Bentonite Sulphur ha ⁻¹							

OFT-5 (Animal Science)

1.	Title of On farm Trial	Assessment of feeding and local application of herbal medicine on subclinical mastitis.
2.	Problem diagnose	Mastitis is the major problem in milch animal due to which there a loss in milk production. Its treatment is costly also.
3.	Details of technologies selected for assessment	Farmers practices (FP): Hot fomentation + Aconite 30 @10 pills at 30 minute interval 4 times TO₁: Eucalyptus leaves+ Curcuma longa+ Aloevera paste (1:1:1) TO₂: Green coriander leaves 250gm orally for 5 days
4.	Source of Technology	NDDB Website
5.	Production system and Thematic Area	Semi- intensive, Disease management
6.	Performance of the Technology with performance indicators	Udder condition, milk color, milk consistency, total milk yield, Fat% (from unaffected quarter), milk pH, CMT Test, No. of days required for recovery
7.	Final recommendation for micro level situation	-

8	Constraints identified and feedback for research	-
9	Process of farmers participation and their reaction	Interaction with famers during training and field visit.

Technology being assessed

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Milk Yield (ltr/ animal)	Cost of cultivation (Rs./ animal)	Gross return (Rs/ animal)	Net return (Rs./ animal)	BC ratio
		Proposed	Actual					
Disease Management	FP: Hot fomentation + Aconite 30 @10 pills at 30 minute interval 4 times	18 Cow	18 Cow	Continuing				
	TO1: Eucalyptus leaves+ Curcuma longa+ Aloe vera paste (1:1:1)							
	TO2: Green coriander leaves 250gm orally for 5 days							



3.3 ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS (FLD)

A. Overall achievements of FLDs conducted during the year 2024

S. No.	Crop category	No. of FLD	Area/ No.	No of beneficiaries	Yield in Demo (q/ha)	Yield in check (q/ha)
	Cereals					
1	Paddy (DR DHAN 67)	2	10.0	52	40.12	38.22
2	Paddy (Sabour Harshit)	2	20.0	68	38.85	37.17
3	Biofortified Wheat (BHU-31)	3	15.0	42	Crop is standing	-
4	Finger Millet (RAU 08)	1	15.0	38	11.2	NA
	Oil Seed (CFLD)					
5	Groundnut (Kadari Lepakshi)	1	20	121	12.78	NA
6	Mustard, RH- 761 (2024-25)	1	200	522	Crop is standing	-
	Pulses					
7	Pigeon pea (IPA 203)	1	6.0	31	Crop is standing	-
8	Chickpea (Sabour Chana-1)	2	5.0	73	Crop is standing	-
10	Lentil (IPL-316)	1	22.5	96	Crop is standing	-
11	Kulthi (Alakh)	2	7.5	40	5.56	4.35
	Horticulture Crops					
12	Cauliflower	12	100000	244	-	-
13	Other crops					
14	Hybrid crop					
	Livestock					
15	Livertonic+ Dewormer	1	626 animals	71	Continuing	-
16	Goat Feeding trough	1	20 Goat Feeding trough	15	Continuing	-
17	Poultry chicks	1	630 chicks	26	Continuing	-
18	Fisheries					
19	Other enterprises					
	Women empowerment					

	Pheromone Trap	1	1	30	Continuing	-
	Grand Total	32		1469		

B. Details of FLDs conducted during the year 2024

1. Cereals

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Paddy (DR DHAN 67)	Crop Production	Biofortified	52	10	40.12	38.22	4.97	29100	92276	63176	3.17	29600	87906	58306	2.96
Paddy (Sabour Harshit)	Crop Production	Drought Tolerant	68	20	38.85	37.17	4.51	31300	89355	58055	2.85	30800	85491	54691	2.77
Finger Millet (RAU 08)	Crop Production	Seed Treatment	38	15	11.2	-	-	34750	48048	13298	1.38	-	-	-	-



2. Oilseeds (CFLD):

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Mustard (RH-761)	Crop Production	HYV Seed, Soil testing, Line sowing, PSB+ RHYZO, sulphur	522	200	Crop is Standing										
Groundnut	Crop Production	HYV Seed, Soil testing,Raised bed planting, PSB+ RHYZO, sulphur	121	20	12.78	-	-	45228	86686	41458	1.92	-	-	-	-

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST



3. Pulses

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Kulthi (Alakh)	Crop Production	Seed Treatment	40	7.5	5.56	4.35		12200	66720	54520	5.46	11700	52200	40500	4.46

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST



4. Horticultural crops (separately Fruit, Vegetables, Flower, Medicinal and aromatics, etc.)

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
	Total														

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

5. Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

6. Demonstration details on crop hybrid varieties

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals										
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total Cereals										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Soybean										
Others (Pl. specify)										
Total Oilseeds										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl. specify)										
Total Pulses										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										
Total Veg. Crops										
Commercial Crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total Commercial Crops										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total Fodder Crops										

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

7. Livestock

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

Category	Thematic area	Name of the technology demonstrated	No. of Farmers	No. of Units	Major parameters (Mortality %)		% change in major parameter	*Economics of demonstration (Rs.)/chick				*Economics of check(Rs.)/chick			
					Demonstration	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Poultry	Poultry management	Backyard poultry farming with improved breed Banaraja and Kadaknath, Sonali	26	630 Chicks	Continuing	-	-	-	-	-	-	-	-	-	-
Goatery	Disease Management	Livertonic+ Dewormer	71	626 goats	Continuing	-	-	-	-	-	-	-	-	-	-
Goatery	Feed Management	Feeding Trough	15	20 troughs	Continuing	-	-	-	-	-	-	-	-	-	-



1. Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl.specify)																	
Total																	

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

2. Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom																
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																
Total																

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

3. Women empowerment

Name of technology	No. of demonstrations	Name of technology	Observations		No. of Beneficiaries
			Check	Demonstration	
Women					
Drudgery Reduction					
Enterprises					
Farming System					
Health and nutrition					
Kitchen Garden					
Nutrigarden					
Storage Technique					
Value addition					
Women Empowerment					
Others					
Total - Women					
Children					
Health and nutrition					
Others					
Total - Children					
Other if any					
Total others					
Grand Total	0	0			

4. Farm implements and machinery

Category	No. of FLDs	Name of the implement	Crop	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)	Cost reduction (Rs./ha or Rs./Unit)
						Demonstration	Check			
Sowing and planting tools and machineries	1	Multi crop Planter	Paddy	85	76	85hr	200hr		15	6000
Total Sowing and planting Machineries	1	Zero Tillage	Wheat	154	82	18hr	44hr		5	2000
Intercultural operation tools and machineries										
Irrigation management tools and machineries										
Plant protection tools and machineries										
Harvesting tools and machineries	2	Combine Harvester, Reaper	Paddy	30	50	70hr	10hr		8	4000
Postharvest processing tools and machineries										
Total mechanization tools and machineries										
Others										
Total of Others										

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Extension and Training activities under FLD

Sl.No	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	04.11.2024, 20.12.2024	2	354	
2.	Farmers Training	07.05.24, 22.07.24, 26.07.24, 01.10.24, 27.12.24	5	154	
3.	Media coverage	-	3	Mass	
4.	Training for extension functionaries	26.06.24, 01.07.24	2	Mass	

Technical Feedback on the demonstrated technologies (if any)

Sl. No.	Crop	Feed Back
1	Mustard	RH-761 variety is preferable as it is timely sown and produced higher yield.
2	Groundnut	Cultivated for the first time, good for replacement of maize in sandy loam (hilly) areas as it attributed higher income.
3	Horse Gram	Alakh is a bold size seeded timely sown variety and is very suitable for providing good yield in hilly areas.
4	Wheat	BHU-31 variety has good preference due to its timely sown property, good yield and iron richness.
5	Paddy	Preferable as DRR Dhan-67 variety produced good yield and is high in zinc content.

A. PERFORMANCE OF THE DEMONSTRATION UNDER CFLD ON PULSE AND OILSEED CROPS (CFLD)

(During Kharif, Rabi and Summer)

1. Technical Parameters:

S. No.	Crop season	Name of crop demonstrated	Area (ha)	Number of farmers	Detail of technology demonstrated	Detail of existing farmer practice	Yield (q/ha) in farmer field	Yield obtained in demonstration (q/ha)			Yield gap (Kg/ha) w.r.to			Yield gap minimized (%)		
								Max.	Min.	Av.	District yield (D)	State yield (S)	Potential yield (P)	D	S	P
1	Kharif	Groundnut	20	121	HYV Seed, Soil testing, Raised bed planting, PSB+ RHYZO, sulphur	-	-	15.18	10.39	12.78	-	14.8	20	-	-15.81	-56.49
1	Rabi	Mustard	200	522	HYV Seed, Soil testing, Line sowing, PSB+ RHYZO, sulphur	Broadcasting and use of old variety (Sadabahar), no application of nutrient in scientific way	-	-	-	-	-	-	-	-	-	-

2. Economic parameters

Sl. No.	Detail of technology demonstrated	Farmer's Existing plot				Demonstration plot				Additional Income (Rs/ha)
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	

1	Groundnut (Kadiri Lepakshi)	-	-	-	-	45228	86686	41458	1.92	-
2	Mustard (RH-761)	-	-	-	-	-	-	-	-	Crop Standing

3. Socio-economic impact parameters

Sl. No.	Name of Crop Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Man-days/house hold)
1	Groundnut (Kadiri Lepakshi)	250000	785	6783	160	45	To meet out family expense	25
2	Mustard (RH-761)	-	-	-	-	-	-	Crop Standing

B. Pulses/ Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Details of Technologies demonstrated	Farmers' Perception parameters						
		Suitability of technology to their farming system	Likings (Preference)	Affordability (%)	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any	Farmer feedback
1	Groundnut (Kadiri Lepakshi)	Yes	-	Yes	No	Yes	Kadiri Lepakshi cultivar is perfect for enhancing productivity of groundnut of Banka district.	-

C. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Groundnut (<i>Kadiri Lepakshi</i>)	Good	Good	Kadiri Lepakshi (K-1812) is a high-yielding variety of groundnut that is resistant to drought, pests, and diseases

E. Sequential good quality photographs (as per crop stages i.e. growth & development)



A photograph showing four individuals in a field of young green plants. One person is kneeling and working on the plants, while three others stand nearby. A sign is visible in the field, which reads: "தமிழக அரசு திட்டம்" (Tamil Nadu Government Scheme), "செயற்கை வனம்" (Artificial Forest), "பழைய கட்டிடங்களில் பூச்சு மற்றும் நஞ்சு போட்டு" (Spraying insects and pesticides in old buildings), "விலக்கு" (Exemption), "மார்ச் 1987" (March 1987). The background shows trees and a cloudy sky.



H. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)	Remarks
Groundnut	i) Critical input	786000.00	785347.00	653.00	
	ii) TA/DA/POL etc. for monitoring				
	iii) Extension Activities (Field day)				
	iv) Publication of literature				
	Total				
Mustard	i) Critical input	786000.00	785347.00	653.00	
	ii) TA/DA/POL etc. for monitoring				
	iii) Extension Activities (Field day)				
	iv) Publication of literature				
	Total	786000.00	785347.00	653.00	

(Mandated KVK trainings/sponsored training /FLD training programmes):

A) Farmers and farm women Including the sponsored training programme (on campus)

[illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T	M	F	T
Micro irrigation systems of orchards													
Plant propagation techniques	1	16	3	19	0	0	0	1	6	7	17	9	26
Others, if any(IPM)	1	21	0	21	3	6	9	0	0	0	24	6	30
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management	2	35	8	43	0	0	0	14	0	14	49	8	57
Soil and Water Conservation													
Integrated Nutrient Management	2	34	0	34	6	0	6	0	25	25	40	25	65
Production and use of organic inputs/ Vermicompost	2	37	6	43	4	0	4	12	1	13	53	7	60
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency	1	1	0	30	0	0	0	0	0	0	1	0	30
Soil and Water Testing													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Crop Production	3	57	15	72	1	3	4	16	7	25	74	25	99
Others, Soil Health Management	1	2	0	2	5	11	16	6	6	12	13	17	30
IV. Livestock Production and Management													
Dairy Management	1	26	3	29	0	0	0	0	2	2	26	5	31
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management	1	23	3	26	0	0	0	0	0	0	23	3	26
Production of quality animal products													
Quail Management													
Others, if any Goat farming	1	17	16	33	2	5	7	0	0	0	19	21	40
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													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any Mushroom Cultivation													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	2	22	8	30	0	0	0	4	6	10	26	14	40
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management	1	23	3	26	0	0	0	0	0	0	23	3	26
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any	1	22	4	26	0	0	0	0	0	0	22	4	26
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
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													
Others, if any													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development	1	11	0	11	10	0	10	13	6	19	34	6	40
Group dynamics													
Formation and Management of SHGs	1	9	10	19	0	0	0	0	0	0	9	10	19
Mobilization of social capital	1	0	0	0	5	10	15	5	0	1	10	10	20
Entrepreneurial development of farmers/youths	1	22	0	22	2	0	2	1	0	1	25	0	25
WTO and IPR issues	1	10	5	15	1	3	4	0	0	0	11	8	19
Others, if any	1	6	7	13	11	5	16	1	0	1	18	12	30
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others)													
Honey production													
Organic Farming													
TOTAL	36	527	153	709	89	51	140	89	61	148	705	295	1000

B) Rural Youth Including the sponsored training programmes (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Mushroom Production	1	8	6	14	7	5	12	7	0	7	21	11	33
Crop Production													
Integrated Pest Management													
Integrated Nutrient Management													
Integrated Crop Management													
Bee-keeping	1	0	0	0	0	20	20	3	17	20	3	37	40
Integrated farming													
Seed production													
Production of organic inputs	1	12	4	16	4	0	4	7	1	8	23	5	28
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of quality animal products													
Dairying	1	10	3	13	5	1	6	7	11	18	22	15	37
Sheep and goat rearing	5	48	27	75	8	5	13	54	37	91	110	69	179
Quail farming													
Piggery													
Rabbit farming													
Poultry production	2	21	3	24	0	0	0	16	28	44	37	31	68
Ornamental fisheries													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Soil Fertility													
Others(Value addition & lac processing of Lac)	1	2	0	2	5	11	16	6	6	12	13	17	30
TOTAL	12	101	43	144	29	42	71	100	100	200	229	185	414

C) Extension Personnel Including the sponsored training programmes (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	26	1	27	0	0	0	0	0	0	26	1	27
Value addition	1	0	14	14	0	5	5	0	5	5	0	24	24
Integrated Pest Management													
Integrated Nutrient management	1	0	15	15	0	9	9	0	0	0	0	24	24
Cultivation of vegetable crops	1	0	24	24	0	7	7	0	0	0	0	31	31

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Rejuvenation of old orchards	1	0	47	47	0	14	14	0	0	0	0	47	47
Protected cultivation technology	1	0	15	15	0	9	9	0	0	0	0	15	15
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	1	0	13	13	0	6	6	0	2	2	0	24	24
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Medicinal and Aromatic plant													
Others													
TOTAL	7	26	129	155	0	50	50	0	7	7	26	166	192

D) Farmers and farm women Including the sponsored training programmes (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	3	0	0	0	9	9	18	12	44	68	21	53	74
Orchard management													
Water management													
Enterprise development													
Skill development													
Yield increment													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T	M	F	T
Production of low volume and high value crops	2	7	1	8	0	0	0	28	59	87	35	60	95
Off-season vegetables	1	2	0	2	0	0	0	0	28	28	2	28	30
Nursery raising	1	0	0	0	0	0	0	4	33	37	4	33	37
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)	1	27	0	27	0	0	0	0	0	0	27	0	27
Integrated Farming System	2	0	0	0	0	0	0	0	51	51	0	51	51
Others, if any	1	0	0	0	16	0	16	1	8	9	17	8	25
Training and pruning	1	13	3	16	8	4	12	0	0	0	21	7	28
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit	4	74	47	121	0	0	0	1	0	1	75	47	122
Management of young plants/orchards	1	30	2	32	0	0	0	0	0	0	30	2	32
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	1	1	21	22	3	0	3	0	0	0	4	21	25
Others, if any													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T	M	F	T
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management	4	67	35	102	8	35	43	0	0	0	75	70	145
Soil and Water Conservation	1	18	5	23	0	0	0	0	0	0	18	5	23
Integrated Nutrient Management	3	10	22	32	1	0	1	40	19	59	51	41	92
Production and use of organic inputs	1	18	2	20	0	0	0	0	0	0	18	2	20
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency	1	36	28	64	0	0	0	0	0	0	36	28	64
Soil and Water Testing													
Crop Production	8	84	10	94	28	41	69	31	56	87	143	107	250
Others, Soil Health Management, Lac Cultivation	4	40	0	40	0	0	0	35	53	88	75	53	128
IV. Livestock Production and Management													
Dairy Management	11	106	70	176	20	23	43	31	62	93	157	155	312
Poultry Management	1	15	10	25	1	0	1	0	0	0	16	10	26
Piggery Management													
Rabbit Management													
Disease Management	1	16	1	17	8	0	8	0	0	0	24	1	25
Feed management	2	8	6	14	2	7	9	13	27	40	23	40	63
Production of quality animal products													
Quail Management													
Others, if any Goat farming	4	68	45	113	19	3	22	0	0	0	87	48	135
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													
Enterprise development													
Value addition	1	0	0	0	0	0	0	0	23	23	0	23	23

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any Mushroom Cultivation													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	5	62	38	100	26	14	40	23	15	38	111	67	178
Use of Plastics in farming practices	2	2	6	8	3	0	3	12	27	39	17	33	50
Production of small tools and implements													
Repair and maintenance of farm machinery and implements	13	176	83	259	66	28	94	36	58	94	278	169	447
Small scale processing and value addition													
Post Harvest Technology	2	19	0	19	11	2	13	11	11	22	41	13	54
Others, if any	2	26	12	38	0	2	2	4	18	22	34	27	61
VII. Plant Protection													
Integrated Pest Management	3	28	19	47	14	8	22	3	4	7	45	31	76
Integrated Disease Management	1	2	6	8	2	4	6	5	6	11	9	16	25
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T	M	F	T
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
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													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development	1	6	9	15	0	10	10	0	0	0	6	19	25
Group dynamics													
Formation and Management of SHGs	1	5	5	10	10	0	10	0	2	2	15	7	22
Mobilization of social capital	1	0	1	1	0	0	0	10	13	23	10	14	24
Entrepreneurial development of farmers/youths	2	10	0	10	7	14	21	2	13	15	19	27	46
WTO and IPR issues													
Others, if any	1	15	4	19	4	1	5	3	3	6	22	7	30
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
Honey production													
Organic Farming													
TOTAL	94	991	491	1482	266	205	471	305	633	950	1566	1323	2890

E) RURAL YOUTH Including the sponsored training programmes (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Integrated Pest Management													
Integrated Nutrient Management													
Integrated Crop Management													
Crop Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
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													
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													
Soil Fertility													
Others (Soil Test)													
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

F) Extension Personnel Including the sponsored training programmes (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Cultivation of vegetable crops													
Rejuvenation of old orchards													
Protected cultivation technology	1	27	2	29	4	0	4	0	0	0	31	2	33
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	1	22	0	22	0	0	0	0	0	0	22	0	22
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													
Crop intensification/ Production													
Medicinal and Aromatic plant													
TOTAL	2	49	2	51	4	0	4	0	0	0	53	2	55

G) Consolidated table (ON and OFF Campus)

i. Farmers and Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	5	8	13	8	3	11	4	0	4	17	11	28
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification	1	6	4	10	7	2	9	5	1	6	18	7	25
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T	M	F	T
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	5	31	8	39	18	9	27	18	45	75	67	63	130
Orchard Management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops	2	7	1	8	0	0	0	28	59	87	35	60	95
Off-season vegetables	1	2	0	2	0	0	0	0	28	28	2	28	30
Nursery raising	2	16	3	19	6	1	7	4	33	37	26	37	63
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Integrated farming system	2	0	0	0	0	0	0	0	51	51	0	51	51
Protective cultivation (Green Houses, Shade Net etc.)	2	42	0	42	9	2	11	0	0	0	51	2	53
Others, if any (Cultivation of Vegetable)	3	35	9	44	16	0	16	1	8	9	52	17	69
b) Fruits													
Training and Pruning	1	13	3	16	8	4	12	0	0	0	21	7	28
Layout and Management of Orchards													
Cultivation of Fruit	6	99	77	176	0	0	0	2	0	2	101	77	178
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	2	17	24	42	3	0	3	1	6	7	21	30	51
Others, if any	1	21	0	21	3	6	9	0	0	0	24	6	30
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T	M	F	T
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management	6	102	43	145	8	35	43	14	0	14	124	78	202
Soil and Water Conservation	1	18	5	23	0	0	0	0	0	0	18	5	23
Integrated Nutrient Management	5	44	22	66	7	0	7	40	44	84	91	66	157
Production and use of organic inputs	3	55	8	63	4	0	4	12	1	13	71	9	80
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency	2	66	28	94	0	0	0	0	0	0	66	28	94
Soil and Water Testing													
Crop production	11	141	25	166	29	44	73	47	63	112	217	132	349
Others, Soil Health Management	5	42	0	42	5	11	16	41	59	100	88	70	158
IV. Livestock Production and Management													
Dairy Management	12	132	73	205	20	23	43	31	64	95	183	160	343
Poultry Management	1	15	10	25	1	0	1	0	0	0	16	10	26
Piggery Management													
Rabbit Management													
Disease Management	1	16	1	17	8	0	8	0	0	0	24	1	25
Feed management	3	31	9	40	2	7	9	13	27	40	46	43	89
Production of quality animal products													
Quail Management													
Others, if any (Goat farming)	5	85	61	146	21	8	29	0	0	0	106	69	175
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													
Enterprise development													
Value addition	1	0	0	0	0	0	0	0	23	23	0	23	23

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T	M	F	T
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any Mushroom Cultivation													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	7	84	46	130	26	14	40	27	21	48	137	81	218
Use of Plastics in farming practices	2	2	6	8	3	0	3	12	27	39	17	33	50
Production of small tools and implements													
Repair and maintenance of farm machinery and implements	13	176	83	259	66	28	94	36	58	94	278	169	447
Small scale processing and value addition													
Post Harvest Technology	2	19	0	19	11	2	13	11	11	22	41	13	54
Others, if any	2	26	12	38	0	2	2	4	18	22	34	27	61
VII. Plant Protection													
Integrated Pest Management	4	51	22	73	14	8	22	3	4	7	68	34	102
Integrated Disease Management	1	2	6	8	2	4	6	5	6	11	9	16	25
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any	1	22	4	26	0	0	0	0	0	0	22	4	26
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
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													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T	M	F	T
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development	2	17	9	26	10	10	20	13	6	19	40	25	65
Group dynamics													
Formation and Management of SHGs	2	14	15	29	10	0	10	0	2	2	24	17	41
Mobilization of social capital	2	0	1	1	5	10	15	15	13	28	20	24	44
Entrepreneurial development of farmers/youths	3	32	0	32	9	14	23	3	13	16	44	27	71
WTO and IPR issues	1	10	5	15	1	3	4	0	0	0	11	8	19
Others, if any	2	21	11	32	15	9	24	4	3	7	40	19	59
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
Honey Production													
Organic Farming													
TOTAL	129	1517	642	2160	355	259	614	394	694	1102	2270	1587	3857

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	1	8	6	14	7	5	12	7	0	7	21	11	33
Bee-keeping	1	0	0	0	0	20	20	3	17	20	3	37	40
Crop Production													
Integrated Pest Management													
Integrated Nutrient Management													
Integrated farming													
Integrated crop management													
Seed production													
Production of organic inputs	1	12	4	16	4	0	4	7	1	8	23	5	28
Planting material production													
Vermi-culture													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T	M	F	T
Sericulture													
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	1	10	3	13	5	1	6	7	11	18	22	15	37
Sheep and goat rearing	5	48	27	75	8	5	13	54	37	91	110	69	179
Quail farming													
Piggery													
Rabbit farming													
Poultry production	2	21	3	24	0	0	0	16	28	44	37	31	68
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Soil Fertility													
Others (Value addition and Lac Processing)	1	2	0	2	5	11	16	6	6	12	13	17	30
TOTAL	12	101	43	144	29	42	71	100	100	200	229	185	415

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	26	1	27	0	0	0	0	0	0	26	1	27
Integrated Pest Management													
Integrated Nutrient management	1	0	15	15	0	9	9	0	0	0	0	24	24
Cultivation of Vegetable crop	1	0	24	24	0	7	7	0	0	0	0	31	31
Rejuvenation of old orchards	1	0	47	47	0	14	14	0	0	0	0	47	47
Value addition	1	0	14	14	0	5	5	0	5	5	0	24	24
Protected cultivation technology	2	27	17	44	4	9	13	0	0	0	31	17	48
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	1	22	0	22	0	0	0	0	0	0	22	0	22
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security	1	0	13	13	0	6	6	0	2	2	0	24	24
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Medicinal and Aromatic plant													
Others													
Method of reading soil health card													
TOTAL	9	75	131	206	4	50	54	0	7	7	79	168	247

Please furnish the details of training programmes as Annexure in the proforma given below

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of SC/ST			Number of participants (others)			Over all participants
					M	F	Total	M	F	Total	
Soil Science	PF	Organic farming	1	OFF	20	0	20	5	0	5	25
	PF	Awareness programme of Malnutrition	1	OFF	15	20	35	0	0	0	35
	PF	Natural Farming	1	OFF	10	18	28	0	0	0	28
	PF	Importance of soil test	1	OFF	0	0	0	40	5	45	45
	PF	Malnutrition	1	OFF	10	15	25	0	0	0	25
	PF	Natural Farming	1	OFF	25	15	40	0	0	0	40
	PF	Bee keeping	2	ON	25	12	37	0	0	0	37
	PF	Cultivation of Ragi	1	OFF	7	30	37	0	0	0	37
	PF	Natural Farming	1	ON	6	25	31	3	0	3	34
	PF	Water Management	1	OFF	0	0	0	18	5	23	23
	PF	Groundnut cultivation	1	ON	16	43	59	0	0	0	59
	PF	Scientific cultivation of paddy	1	OFF	0	24	24	0	0	0	24
	PF	Soil health & sustainable agri on natural farming	1	OFF	0	0	0	36	28	64	64
	PF	Natural Farming	1	ON	0	0	0	29	1	30	30
	PF	INM in vegetables	1	OFF	10	0	10	20	5	25	35
	PF	Use of biofertilizer in pulse crop	1	ON	8	12	20	23	0	23	43
	PF	Importance of organic farming	1	ON	0	23	23	4	0	4	27
	PF	Scientific cultivation of mustard	1	OFF	0	0	0	18	12	30	30
	PF	Scientific cultivation of mustard	1	OFF	22	27	49	0	0	0	49
	PF	INM in mustard	1	OFF	0	0	0	18	2	20	20
	PF	INM in mustard	1	OFF	16	4	20	0	0	0	20
Agril. Engg.	PF	Use & advantage of different types of spray machine	1	ON	4	6	10	20	0	20	30
	PF	Use of sprinkler in wheat crops	1	OFF	6	26	32	0	0	0	32
	PF	Use of sprinkler in wheat crops	1	OFF	6	7	13	7	0	7	22
	PF	Care & maintenance of zero tillage machine	1	OFF	7	12	19	4	0	4	23
	PF	Use & advantage of different types of	1	OFF	11	4	15	11	0	11	26

		harvesting machine for rabi crop									
	PF	Use and advantage of multi crop thresher for rabi crop	1	OFF	11	9	20	8	0	8	28
	PF	Sowing of green gram through zero tillage machine	1	OFF	10	6	16	9	0	9	25
	PF	Use & advantage of implements for summer ploughing	1	OFF	11	7	18	6	0	6	24
	PF	Use & advantage of drip irrigation	1	OFF	6	9	15	9	0	9	24
	PF	Use of different types of tillage implements	1	OFF	21	12	33	38	28	68	99
	PF	Use & advantage of zero tillage machine	1	OFF	21	11	32	33	19	52	84
	PF	Care & management of farm implements	1	OFF	17	9	26	38	21	59	85
	PF	Sowing of paddy through zero tillage machine	1	OFF	8	6	14	9	3	12	26
	PF	Sowing of pigeon pea through raised bed planter	1	OFF	10	14	24	0	0	0	24
	PF	Rain water conservation and harvesting	1	OFF	11	15	26	5	0	5	31
	PF	Sowing of paddy through zero tillage machine	1	OFF	4	20	24	8	0	8	32
	PF	Line sowing of mustard	1	OFF	0	0	0	18	12	30	30
	PF	Use & advantage of repair for paddy harvesting	1	OFF	12	12	24	2	6	8	32
	PF	Sowing of mustard through ZT machine	1	OFF	22	27	49	0	0	0	49
	PF	Line sowing of mustard	1	OFF	0	0	0	18	2	20	20
	PF	Use of sprinkler irrigation in mustard	1	OFF	16	4	20	0	0	0	20
	PF	Sowing of mustard through ZT machine	1	OFF	0	0	0	27	3	30	30
	PF	Line sowing of mustard	1	OFF	0	0	0	10	22	32	32
	PF	Use of different spray machine in mustard crop	3	OFF	0	0	0	20	6	26	26
	PF	Use & advantage of sprinkler irrigation in mustard crop	3	OFF	0	4	4	6	17	23	27
	PF	Use & advantage of different spray machine for insecticide fungicide spray	3	OFF	0	0	0	22	0	22	22
Horticulture	PF	Disease management of vegetable crop	1	ON	5	0	5	19	2	21	26

	PF	Nutrient management of vegetable crop	1	ON	10	1	11	12	6	18	29
	PF	Scientific cultivation of cucurbits	1	OFF	0	28	28	2	0	2	30
	PF	Pest management of fruit crops	1	ON	3	6	9	21	0	21	30
	PF	Growing of kitchen garden	1	OFF	4	33	37	0	0	0	37
	PF	Scientific cultivation of cucurbits	1	OFF	3	0	3	1	21	22	25
	PF	Importance of nutri garden for human health	1	OFF	14	56	70	0	0	0	70
	PF	Pest management of cucurbits	1	OFF	14	3	17	7	1	8	25
	PF	Water conservation and water harvesting	1	OFF	16	9	25	0	0	0	25
	PF	Nursery raising of cale crops	1	OFF	9	14	23	0	0	0	23
	PF	Role of micronutrients in human health	1	OFF	3	23	26	0	0	0	26
	PF	Application of natural farming components in crops, millets, vegetables and fruits	1	OFF	0	29	29	0	0	0	29
	PF	Causes of malnutrition and how to overcome it	1	OFF	0	22	22	0	0	0	22
	PF	Nursery raising of solanaceous vegetable	1	ON	6	1	7	16	3	19	26
	PF	Role of balanced diet in human health	1	OFF	17	8	25	0	0	0	25
	PF	Production technology of potato	1	OFF	0	0	0	27	0	27	27
	PF	Production cultivation of tomato	1	ON	9	2	11	15	0	15	26
	PF	Production technology of onion	1	OFF	8	4	12	13	3	16	28
Extension Education	PF	Enhancing income through weed management in winter season crop	1	ON	12	3	15	5	8	13	28
	PF	Importance & management of crops under crop diversification for more income	1	ON	12	3	15	6	4	10	25
	PF	Promoting digital platform for entrepreneur ventures	1	ON	3	0	3	22	0	22	25
	PF	Role of dairy in uplifting security of dairy farmers	1	OFF	7	4	11	15	4	19	30
	PF	Means of income generation for rural youth using local resources	1	OFF	12	5	17	6	7	13	30
	PF	Formation & management of SHGs	1	OFF	0	10	10	6	9	15	25

	PF	Productivity enhancement of orchard	1	OFF	10	0	0	13	0	0	23
	PF	Importance of millet for nutritious diets	1	OFF	0	0	0	0	23	0	23
	PF	Information networking among farmers	1	OFF	9	12	21	0	0	0	21
	PF	IPR- Implication for Indian formation	1	ON	1	3	4	10	5	15	19
	PF	Entrepreneurial development through poultry farming	1	OFF	0	15	15	10	0	10	25
	PF	Social media & its role in agriculture	1	OFF	10	2	12	5	5	10	22
	PF	Potato farming and its processing	1	ON	0	0	0	9	10	19	19
Veterinary Science	PF	Vermicompost Production	1	ON	11	1	12	14	4	18	30
	PF	Management of animal in summer season	2	OFF	4	6	10	11	9	20	30
	PF	Management of animal in summer season	2	OFF	5	12	17	6	7	13	30
	PF	Management of dairy cow in summer season	1	OFF	0	0	0	19	8	27	27
	PF	Management of dairy cow in summer season	1	OFF	12	15	27	0	0	0	27
	PF	Care and management of new born calf	1	OFF	16	14	30	0	0	0	30
	PF	Care and management of new born calf	1	OFF	0	0	0	1	25	26	26
	PF	Vaccination schedule of cattle & buffalo	1	OFF	6	5	11	18	3	21	32
	PF	Nutrition management, parasitic disease and vaccination schedule of goat	1	OFF	5	19	24	8	6	14	38
	PF	Importance diseases of poultry & its prevention	2	OFF	2	30	32	0	0	0	32
	PF	Animal shelter management	1	OFF	0	2	2	26	3	29	31
	PF	Role of perennial fodder crop in CRA	1	OFF	0	0	0	3	33	36	36
	PF	Important diseases of poultry	1	OFF	8	0	8	16	1	17	25
	PF	Benefits of vermicompost	1	ON	0	0	0	23	3	26	26
	PF	Management of animal in winter season	1	OFF	0	0	0	20	2	22	22

	PF	Feeding Management of dairy animal in winter season	1	OFF	0	0	0	14	10	24	24
	PF	Feed management and vaccination schedule in goat	1	OFF	10	15	25	0	0	0	25
Entomology	PF	Insect pest & disease management in paddy	1	ON	0	0	0	23	3	26	26
	PF	Earthworm species in vermicompost & vermiwash	1	ON	0	0	0	22	4	26	26
	PF	Integrated pest management in Rabi season crop	1	OFF	6	4	10	11	4	15	25
	PF	IPM in vegetable	1	OFF	6	3	9	12	5	17	26
	PF	Integrated disease management in potato	1	OFF	7	10	17	2	6	8	25
	PF	Integrated pest & disease management in chickpea	1	OFF	5	5	10	5	10	15	25

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			No. of persons employed elsewhere
				Male	Female	Total	Type of units	No. of units	No. of persons employed	
Vermicompost Producer	Vermicompost Producer	Vermicompost Production through RPL (BSDM)	10	26	4	30	Vermicompost unit	3	7	Self
Fruit	Fruit Grower	Tropical-Subtropical Fruit Grower through RPL (BSDM)	10	22	8	30	Kitchen garden and orchard	5	5	Self
Goatery	Goat Rearing	Goat rearing by scientific method	5	19	12	31	Goat Rearing	21	21	Self
Goatery	Goat Rearing	Goat rearing	5	21	20	41	Goat Rearing	24	24	Self
Poultry	Poultry Farming	Poultry rearing	5	16	26	42	Poultry Farming	8	10	Self
Poultry	Poultry Farming	Poultry rearing	5	21	5	26	Poultry Farming	10	10	Self
Mushroom Production	Mushroom Production	Mushroom production & marketing	5	22	11	33	Mushroom production	4	4	Self
Goatery	Goat rearing	Commercial goat farming	5	18	9	27	Goat Rearing	16	16	Self
Lac Cultivation	Lac Cultivation	Value addition & Lac processing	5	13	17	30	Lac production & processing	2	2	Self
Disease Management	Disease Management	First aid in animal	5	22	15	37	First aid in animal	37	37	37

		Total	60	200	127	327	-	130	136	37
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*Training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

SL.N o	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants												Sponsor ing Age ncy
					PF/R/Y / EF		Male			Female			Total						
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total			
1	Natural Farming	Natural Farming	January	1	PF	1	55	0	0	20	0	0	75	0	0	75	ATMA		
2	Importance of Zero tillage technique	Crop Producti on	January	1	PF	1	62	0	0	23	0	0	85	0	0	85	ATMA		
3	Resource Conservation Technology	Crop Producti on	May	1	PF	1	41	22	12	8	3	2	49	25	14	88	ATMA		
4	Resource Conservation Technology	Crop Producti on	June	1	PF	1	52	24	0	12	9	0	64	33	0	97	ATMA		
5	Resource Conservation Technology	Crop Producti on	June	1	PF	1	41	33	0	9	11	8	50	44	8	102	ATMA		
6	Resource Conservation Technology	Crop Production	June	1	PF	1	38	22	0	11	7	5	49	29	5	83	ATMA		
7	Tropical Bagwani	Fruit Cultivatio n	June	2	PF	2	95	0	0	0	0	0	95	0	0	95	ATMA		
8	Millet Processing	Crop Producti on	Sep	1	PF	3	64	5	0	21	0	0	85	5	0	90	ATMA		
9	Vermicompost Producer	Soil Fertility	Oct	10	PF	1	25	1	1	3	0	0	28	1	1	30	BAMET		
10	Rabi Mahotsav	Rabi Mahotsa v	Nov	1	PF	1	18	11	0	15	8	0	33	19	0	52	AT MA		
11	Vermicompost Producer	Soil Fertility	Feb-Mar	10	PF	1	18		8	4	0	0	22	0	8	30	BAMET		
12	Fruit Grower	Tropical-Subtropi cal Fruit Grower	Mar	10	PF	1	21	0	1	8	0	0	29	0	1	30	BAME TI		
13	Rabi Mahotsav	Rabi Mahotsa v	Nov	1	PF	1	25	10	0	10	0	0	35	10	0	45	ATMA		
14	Rabi Mahotsav	Rabi Mahotsa v	Nov	1	PF	1	20	18	0	5	0	0	25	18	0	43	ATMA		
	Rabi Mahotsav	Rabi Mahotsa v	Nov	1	PF	1	18	11	0	15	8	0	33	19	0	52	ATMA		

Area of training	No. of Courses	No. of Participants											
		General			SC			ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
Crop production and management													
Increasing production and productivity of crops	2	11	12	23	15	5	20	9	1	10	25	18	53
Commercial production of vegetables	17	133	21	154	49	12	61	51	224	287	233	258	491
Production and value addition													

Fruit Plants	10	151	104	255	14	10	24	3	6	9	167	120	287
Ornamental plants													
Spices crops													
Soil health and fertility management	11	144	43	187	13	46	59	55	59	114	212	148	360
Production of Inputs at site	3	55	8	63	4	0	4	12	1	13	71	9	80
Methods of protective cultivation	1	25	5	30	0	0	0	0	0	0	25	5	30
Other													
Total	44	519	193	712	95	73	168	130	291	433	733	558	1301
Post harvest technology and value addition													
Processing and value addition													
Other													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Farm machinery													
Farm machinery, tools and implements	13	176	83	259	66	28	94	36	58	94	278	169	447
Other	9	86	52	138	29	14	43	39	48	87	154	114	268
Total	22	262	135	397	95	42	137	75	106	181	432	283	715
Livestock and fisheries													
Livestock production and management	18	232	144	376	42	31	73	31	64	95	305	239	544
Animal Nutrition Management	3	31	9	40	2	7	9	13	27	40	46	43	89
Animal Disease Management	1	16	1	17	8	0	8	0	0	0	24	1	25
Fisheries Nutrition													
Fisheries Management													
Other													
Total	22	279	154	433	52	38	90	44	91	135	375	283	658
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other	1	0	0	0	0	0	0	0	23	23	0	23	23
Total	1	0	0	0	0	0	0	0	23	23	0	23	23
Agricultural Extension													
Capacity Building and Group Dynamics	2	17	9	26	10	10	20	13	6	19	40	25	65
Other	10	77	32	109	40	36	76	22	31	53	139	95	234
Total	12	94	41	135	50	46	96	35	37	72	179	120	299
Grant Total	101	1154	523	1677	292	199	491	284	548	844	1719	1267	2996



J. Information on ASCI Skill Development Training Programme funded by ICAR undertaken during 2024

Total no of training organise d	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants								Fund utilized for the training (Rs.)	
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F		T
1	Bee Keeping	Bee Keeping	40	0	0	5	3	27	5	32	8	40	-

K. Information on Skill Development Training Programme (other agency if any) if undertaken

Total no of training organis ed	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
2	Vermicompost Producer	Vermicom post Producer	80	50	0	2	0	2	6	54	6	60	357000.00
1	Tropical-Subtropical Fruit Grower	Tropical-Subtropical Fruit Grower	80	0	0	1	0	21	8	22	8	30	360000.00

3.5. A. ACHIEVEMENTS OF EXTENSION/OUTREACH ACTIVITIES

(including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers					Extension Officials					Total				
		M	F	Total	SC (no.)	ST (no.)	M	F	Total	SC (no.)	ST (no.)	M	F	Total	SC (no.)	ST (no.)
Kisan Mela organized	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kisan Mela participated	5	1470	783	2245	247	452	5	3	8	0	0	1470	783	2253	347	452
Field Day	2835	333	302	635	27	608	4	0	4	0	0	337	302	639	27	608
Kisan Ghosthi	3	84	81	165	12	132	2	0	2	0	0	86	81	167	12	132
Exhibition organized	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Participation in exhibition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Film Show	4	447	166	613	152	0	4	0	4	0	0	451	166	617	152	0
Method Demonstrations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Farmers Seminar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Workshop	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Group discussion	12	160	8	168	0	0	0	0	0	0	0	160	8	168	0	0
Lectures delivered as resource persons	5	1470	783	2245	247	452	5	3	8	0	0	1470	783	2253	347	452

Advisory Services	96	1067	403	1470	357	447	50	0	50	0	0	1117	403	1520	357	447
Scientific visit to farmers field	120	950	200	1150	50	1100	0	0	0	0	0	950	200	1150	50	1100
Farmers visit to KVK	1357	835	522	1357	372	541	0	0	0	0	0	835	522	1357	372	541
Diagnostic visits	21	135	32	167	0	151	0	0	0	0	0	135	32	167	0	151
Exposure visits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil health Camp	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	2	203	29	232	0	232	0	0	0	0	0	203	29	232	0	232
Agri mobile clinic																
Soil test campaigns	2	71	13	84	0	74	0	0	0	0	0	71	13	84	0	74
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Special day celebration																
Sankalp Se Siddhi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Swatchta Hi Sewa	15	62	48	110	0	0	0	0	0	0	0	62	48	110	0	0
Celebration of important date																
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																

B. Other Extension/content mobilization activities

Nature of Extension Activity	No. of activities
Newspaper coverage	65
Radio talks	2
TV talks	1
Popular articles published	10
Extension Literature	10000
Electronic media	2
Any Other	-

C. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Training, Awareness Programme, Kisan Goshthi	3	55	-

D. Celebration of important days in KVKs

Celebration of Important Days0	No. of activities	Farmers			Extension Officials			Total		
		M	F	Total	M	F	Total	M	F	Total
Republic day (26 th Jan.)	1	5	2	7	14	2	16	19	4	23
International Women's Day (8 th Mar.)	1	0	32	32	0	1	1	0	33	33
Ambedkar Jayanti (14 th Apr.)	0	0	0	0	0	0	0	0	0	0
World's Veterinary Day (Last week of April)	0	0	0	0	0	0	0	0	0	0
World Milk Day	0	0	0	0	0	0	0	0	0	0
International Yoga Day (21 st Jun.)	1	0	0	0	14	2	16	14	2	16
Independence Day (15 th Aug.)	1	5	2	7	14	2	16	19	4	23
Parthenium Awareness Week (16 th to 22 nd Aug.)	5	65	22	87	4	0	4	69	22	91
Hindi Diwas (14 th Sep.)	1	18	17	35	5	1	6	23	18	41
Gandhi Jayanti (2 nd Oct.)	1	10	20	30	14	3	17	36	18	54
Mahila Kisan Diwas (15 th Oct.)	1	5	45	50	3	2	5	8	47	55
World Food Day (16 th Oct.)	1	22	7	29	2	0	2	24	7	31
Vigilance Awareness Week (27 th Oct. to 2 nd Nov.)	1	17	0	17	14	2	16	31	2	33
National Unity Day (31 st Oct.)	0	0	0	0	0	0	0	0	0	0
World Science Day (10 th Nov.)	0	0	0	0	0	0	0	0	0	0
National Education Day (11 th Nov.)	0	0	0	0	0	0	0	0	0	0
Fisheries day (21 Nov)	0	0	0	0	0	0	0	0	0	0
National Constitution Day (26 th Nov.)	1	25	10	35	3	1	4	28	11	39
World Soil Day (5 th Dec.)	0	0	0	0	0	0	0	0	0	0
Kisan Diwas (23 rd Dec.)	1	26	13	39	3	1	4	29	14	43
Krishi Shiksha Diwas (3 rd Dec)	1	18	14	32	1	1	1	19	15	34

E. Interaction/Live telecast programme of Hon'ble PM/ Hon'ble or Argil Minister

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total
1	18.06.2024	PM Kisan Samman Nidhi	Prime Minister, Govt. of India	55	14	0	69
2	11.08.2024	Release of 109 variety of seed	Prime Minister, Govt. of India	52	16	0	68
3	20.09.2024	Celebration of Century year of NISA, Ranchi	President of India	50	14	64	64



3.5 a. Production and supply of Technological products

A. Seed production at seed village

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided			
					SC	ST	Other	Total
-	-	-	-	-	-	-	-	-

B. Seed production at KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Paddy	R.Shweta	80.0	416000	269	15	203	287
Paddy	R.Mahsoori-1	20.0	88000	15	10	107	132
Wheat	DBW-187	Standing Crop	-				
Chickpea	Sabour Chana-1	Standing Crop	-				
Grand Total			504000.00				

C. Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower	Hybrid	10000	30000.00	0	103	0	103
Cabbage	Hybrid	10000		0	85	0	85
Tomato	Hybrid	10000		0	110	0	110
Brinjal	Hybrid	10000		0	97	0	97
Chilli	Hybrid	10000		0	95	0	95
Lobia	Kashi Keshar	10000		0	103	0	103
French Beans	Vaishnavi 264	10000		0	85	0	85
Bitter guard	Pragati 065	10000		0	97	0	97
Cucumber	Hybrid	500		0	95	0	95
Fruits							
Mango							
Guava	Allahabadi Safeda	200	10000.00	18	27	160	205
Lime	-	-	-	-	-	-	-
Papaya	VNR	1000	20000.00	22	5	65	92
Banana							
Others (Flower Plant)	Different Sapling.	1000	-	-	-	-	-
Others (Fruits Plant)	-	-	-	-	-	-	-

Ornamental plants							
Marigold							
Annual chrysanthemum							
Tuberose							
Others							
Medicinal and Aromatic							
Plantation							
Tuber Elephant yams							
Spices							
Grand Total		82,700	60,000.00				

D. Forest species

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total

E. Fodder crops saplings

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total

F. Production of Bio-Products

Name of product	Quantity	Value (Rs.)	No. of Farmers benefitted			
	Kg		SC	ST	Other	Total
Bio-fertilizers/Vermicompost	3000	24000.00	65	18	102	185
Bio-food (Spirulina etc)						
Bio-pesticide						
Bio-agents (Trichocard etc)						
Worms (earthworm, silk worms etc)						
Bio-fungicide						
Others, please specify (Mushroom spawn, Culture Mineral Mixture, Coir pith compost, Cow dung, Cow urine						
Total	3000	24000.00	65	18	102	185

G. Production of livestock & fisheries materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat							
Other							
Poultry							
Broilers							
Layers							
Duals (broiler and layer)	Sonali	560	22400	0	21	0	21
Japanese Quail							
Turkey							
Emu							
Ducks							
Others (Pl. specify)							
Piggery							
Piglet							
Hog							
Others (Pl. specify)							
Rabbitry							
Fisheries							
Indian carp							
Exotic carp							
Mixed carp							
Fish fingerlings							
Spawn							
Others (Pl. specify)							
Grand Total							

H. SOIL & WATER TESTING

a. Details of equipment available in Soil and Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	Soil pH Meter	01
2	Soil E.C. Meter	01
3	Spectophoto Meter	01
4	Flamephoto Meter	01

b. Details of samples analyzed so far

Total number of soil samples analyzed till now		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
-	1085	1085

c. Detail of Soil, Water and Plant analysis at KVK (2024)

Sl.	Analysis	No. of Samples analyzed	No. of Villages covered	No. of Farmers benefitted	Amount realized (Rs.)
1.	Soil	1085	157	572	32550.00
2.	Water				
3.	Plant				
4.	Fertilizers				
5.	Manures				
6.	Food				
7.	Others (if any)				

d. Details of World Soil Day Celebration

Sl. No.	No. of Activity conducted	Soil Health Cards distributed	No. of farmers benefitted	No. of VIPs Number	Name (s) of VIP(s) involved if any	Total No. of Participants attended the program
-	-	-	-	-	-	-

I. Activities under Rain Water Harvesting structure and micro irrigation system

S.No	No of training programme conducted	No. of demonstrations	No. of plant material produced	Visit by the farmers (No.)	Visit by the officials (No.)
01	2	1	-	390	3

3.5. b. Seed Hub Programme-“Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India”**1. Name of Seed Hub Centre:**

Name of Nodal Officer :	
Address :	
e-mail :	
Phone No. : Mobile :	

2. Quality Seed Production of Pulses

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2023						
Rabi 2023						
Summer/Spring 2023						

Season	Name of crop taken under seed production	Name of variety taken under seed production	Crop and variety wise area (ha) covered under seed production	Crop and variety wise Yield (Q/ha)	Crop and variety wise quantity of seed produced (Q)	Crop and variety wise quantity of seed sale out (Q)	Crop and variety wise number of farmers purchased seed from KVK	Quantity of seed sale out to farmers (Q)	No of village covered through sale of seed	Quantity of seed sale out to other organization (Q)	Amount generated (Lakh) during 2024-24	Total amount (Lakh) in Seed Hub project presently

3. Financial Progress

Fund received	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17				
2017-18				
2018-19				
2019				
2020				
2021				
2022				
2023				
2024				

4. Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	
Nursery	
Animal sector	
Mushroom / other enterprises	
Others	

3.6. PUBLICATIONS, HUMAN RESOURCES DEVELOPMENT & AWARDS & RECOGNITION

A. Details of Research papers published by KVK (with full title, author & journal)

S.No	Item	Details of publication bibliographic form	NASS Rating	
			>6	<6

B. Details of Other Publications

Particulars	Details of publication bibliographic form	No of copies published (if any)	No of copies distributed (if any)
Abstracts in Seminar/conference/ symposia papers	PP Lakra, MK Gupta and Sanjit Kumar (2024). A case report of ascites syndrome in broiler birds. <i>Futuristic approaches for animal health, management and welfare</i> : National Conference at Ranchi Dated- 29-30, Nov 2024	500	500
Books published			
Book Chapter published			
Popular articles published	SK Mandal, Sanjit Kumar, RR Kumar, Vikash Singh, Neha Singh and Brajendu Kumar (2024) Vermicompost production and sustainable agriculture. <i>Krishak Sandesh</i> , April 2024 Vol-12, PP No-12-15	1200	1000
	Anamika kumari, Santosh Kumar and Abhay Mankar. Bio pesticides: environment resilient insects management technology . <i>Krishak Sandesh</i> , April 2024 Vol-12, PP No-16-17	1200	1000
	Vikash Singh, RR Kumar, SK Mandal, Neha Singh, Brajendu Kumar and Abhay Mankar, Cucumber cultivation in net house, <i>Krishak Sandesh</i> , April 2024 Vol-12, PP No-18-20	1200	1000
	Santosh Kumar and Anamika Kumari, Water harvesting and conservation, <i>Krishak Sandesh</i> , April 2024 Vol-12, PP No-29-30	1200	1000
	Sanjit Kumar and Brajendu kumar, Foot and mouth disease and its management, <i>Krishak Sandesh</i> , April 2024 Vol-12, PP No-37-39	1200	1000
	Sanjit Kumar and Brajendu kumar, Backyard poultry farming, <i>Krishak Sandesh</i> , April 2024 Vol-12, PP No-40-43	1200	1000
Success story published			
TOTAL			

C. Details of Extension Publications

Particulars	Details of publication (Title, authors name, organization)	No of copies published (if any)	No of copies distributed (if any)
Extension Bulletins published			
Agro-advisory bulletins			
Extension folders/leaflet/pamphlets	Direct seeded rice, Er. RR Kumar, Sri SK Mandal and Dr.	2000	2000

	Brajendu Kumar, KVK, Banka		
	Mote Anaj ki kheti, Sri SK Mandal, Dr. Vikash Singh, KVK, Banka	2000	2000
	Varsha Jal Prabandhan, Er. RR Kumar, Sri SK Mandal and Dr. Brajendu Kumar, KVK, Banka	2000	2000
	Aaloo ki vaigyanik kheti, Dr. Vikash Singh, KVK, Banka	2000	2000
	Gehun me kharpatwar ewam poshak prabandhan, Sri SK Mandal and Dr. Brajendu Kumar, KVK, Banka	2000	2000
	Zero tillage dwara masoor ewam chana ki Buaai, Er. RR Kumar, Sri SK Mandal and Dr. Brajendu Kumar, KVK, Banka	2000	2000
	Zero tillage dwara moong ki Buaai, Er. RR Kumar, Sri SK Mandal and Dr. Brajendu Kumar, KVK, Banka	2000	2000
	Palas vriksh par rangini lakh ki kheti, Sri SK Mandal KVK, Banka	2000	2000
	Fasal awshesh prabandhan ewam sansadhan sanrkshan hetu happy seeder mashin, Er. RR Kumar, Sri SK Mandal and Dr. Brajendu Kumar, KVK, Banka	2000	2000
	Waste Decomposer dwara fasal awshesh prabandhan, Er. RR Kumar, Sri SK Mandal and Dr. Brajendu Kumar, KVK, Banka	2000	2000
Technical reports			
News letter			
Electronic Publication (CD/DVD etc)			
TOTAL			

D. Details of HRD programmes undergone by KVK personnel:

Sl. No.	Name of KVK personnel	designation	Name of course/training program attended	Date	Duration	Organizer/Venue
1.	Dr. Neha Singh	SMS (Agril. Extn)	(mission life, land restoration	22-24 May	3 Days	IIMR, Hyderabad
2.	Dr. Sanjit Kuamr	SMS (Vet. Science)	Orientation programme of KVK Scientist and staff	18-22 mar 2024	5 Days	BAU, Sabour
3.	Dr. Vikash Singh	SMS (Horticulture)	Orientation programme of KVK Scientist and staff	18-22 mar 2024	5 Days	BAU, Sabour
4.	Dr. Vikash Singh	SMS (Horticulture)	OFT Finalization workshop on Horticulture	06-07 Jun 2024	2 Days	ATARI, Patna
5	Dr. Vikash Singh	SMS (Horticulture)	ICAR Sponsored Short Course	16-25 Jan 2024	10 Days	DRPCA, Pusa
6	Dr. Neha Singh	SMS (Agril. Extn)	Orientation programme of KVK Scientist and staff	18-22 mar 2024	5 Days	BAU, Sabour
7	Dr. Sanjit Kuamr	SMS (Vet. Science)	Workshop-cim-training programme on recent advances in livestock poultry and fisheries	9-10 April, 2024	02 Days	BASU, Patna
8	Dr. Sanjit Kuamr	SMS (Vet. Science)	OFT Finalization workshop on Animal science and fisheries	27-28 Jun 2024	02 Days	ATARI, Patna
9	Er. Ravi Ranjan Kumar	SMS (Agril Engg)	OFT Finalization workshop on Argil Engg.	25-26 Jul 2024	02 Days	ATARI, Patna
10	Dr. Brajendu Kumar	Sr. Scientist & Head	Management Development Programme (MDP) for newly recruited Senior Scientist and Heads of KVKs	24 Jun-27 Jul 2024	34 Days	NARM Hyderabad

E. Awards/Recognition

Institutional Award received by KVK

Sl. No.	Name of KVK	Name of the Award	Value (In Amount/kind)	Achievement	Conferring Authority
1	-	-	-	-	-

Award received by KVK Scientists

Sl.	Name of KVK personnel	Name of the Award	Value (In Amount/kind)	Achievement	Conferring Authority
1	Sri Sanjay Kr. Mandal	Best Extension Scientist Award	10000.00	Best Extension Scientist Award	BAU, Sabour

Award received by Farmers

Sl.	Name of KVK	Name of the Farmer	Name of the Award	Addresses	Contact No.	Value (In Amount/kind)	Achievement	Conferring Authority
1	Banka	Smt. Bandana Kumari	Innovative Farmer Award	Merha, Banka	8210230900	-	Dairy Farming	ICAR, New Delhi
2	Banka	Smt. Kumari Rakhi Mohan Sinha	Progressive farmer award	Banka	6200379469	-	Poultry Farming	BAU, Sabour

3.7. TECHNOLOGY DEVELOPMENT

A. Give details of Innovative Methodology/Process/Product or Innovative Technology developed by KVK

Sl. No.	Name/ Title of the technology	Brief details of the Innovative Technology	Impact of the technology	Status of commercialization/Patent

B. Give details of Organic farming practiced/Indigenous Technology/ITK practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

Sl. No.	Enterprise	Brief details of the ITK Practiced	Purpose/Impact of ITK	Impact of the technology

Give details of by the farmer (if Any)

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)

C. Indicate the Specific Training Need Analysis Tools/Methodology followed by KVKs

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed

4. IMPACT

A. Impact of KVK activities/ large-scale adoption of technology

Name of specific area	Brief details of the area	No. of farmers benefitted	Horizontal spread (in area/no.)	% Adoption	Impact of the technology in subjective terms	Impact of the technology in objective terms	Change in income (Rs.)	
							Before (Rs./Unit)	After (Rs./Unit)
RCT	Direct Seeded Rice	312	122	2.3	No need of seedlings, transplanting, save of manpower	Minimize cost of cultivation	58300	63050.00
RCT	Zero Tillage Technology	262	220	3.5	No need of plough, less seed rate, less fertilizer and save manpower	Minimize cost of cultivation	42700.00	48400.00
RCT	Rainfed short duration paddy	623	304	5.4	Its required less time to mature	Less water required	52200.00	54400.00

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants

B. Details of entrepreneurship/startup developed by KVK

Name of the entrepreneur/ Name of the enterprise/firm	Priyanka Poultry Farm
Registered address of the entrepreneur/firm	Bidanchak, Ward No.-11, Amarpur, Banka
Year of establishment	2021
Type of Enterprise	Commercial Poultry farming
Registration details	Registration No-42 with Animal Husbandry Dept., Banka
No. of members associated	4
Technical components of the enterprise (with commodity)	Chicks
Annual Income/revenue of the enterprise	12,00000.00 net income
Role of KVK/Technology backstopping (quantitative data support)	Technical knowledge and continuous monitoring in which information related to market and others were provided by the KVK.
Period/Timeline of the entrepreneurship development	4 Yrs
Economic and Social status of entrepreneur before and after the enterprise	Before entrepreneurship 3 lakh After the entrepreneurship 15 lakh
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Broiler chicks are procured from the reputed companies mostly from West Bengal. Birds have good consumer preference and marketing is not a big issue as local vendors purchase the birds for selling them in local as well as nearby urban markets.
Major achievements	Broiler birds are being produced in 8 cycles per year with average number of 10000 birds per cycle. It is a one-month crop with monthly investment of Rs. 16,70,000.00 and net return of approx. Rs 1,50,000.00. 4 persons are involved in the activity directly. 15

	local vendors are associated in the activity who sell chicken meat to consumers and in this way earn approx. Rs 13,000.00 per month. Dissemination of scientific knowledge regarding commercial broiler farming became very fast in surrounding areas as 12 farmers/rural youth have adopted this enterprises by observing the success of Mr. Pawan Kumar.
Major constrains	Outbreak of infectious diseases.
Images/Imp Documents	  

C. Success stories/Case studies, if any

1. Personal information

1.	Name of the farmer/ entrepreneur: Satendra Prasad Singh
2.	Date of Birth: 20.05.1970
3.	Education: Diploma in Electrical Engineering: Graduation
4.	Farming Experience/ Experience in enterprise: 20 yrs
5.	Cell no./ e-mail : 7635031353
6.	Full address: Vill- Bhansiyabitta, Block- Barahat, Dist- Banka
7.	Professional membership: No (Farmer club/SHG/ATMA/etc.)
8.	Major achievement of the farmers: Improved Productivity and livelihood
9.	Awards received: Yes, from BAU, Sabour

2. Professional Information

1.	Title of the success story/case study: Enhancing lentil production for nutritional security					
2.	Situation analysis/Problem statement (What prompted this initiative? What was the problem that needed to be addressed?): Soil is clay loam and in upland condition, pH-6.70, low in organic carbon and nitrogen, medium in phosphorus and potassium, assured life saving irrigation					
3.	Plan, Implement and Support/KVK Intervention(s): Survey, Training, Seed treatment, Farm Implements					
4.	Details of Practices followed by the farmer: Improved variety of seed, treatment of seed with FIR method, Weed management with pre-emergence herbicide, Pendimethilin 30% EC @ 1.0 kg ai/ha, insect and disease management					
5.	Results/ Output (economical/ social/ etc.)					
Technology		Yield (q/ha)	Gross cost (Rs/ha)	Gross Income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Farmer's practices		7.20	22,600	43,200	20,600	1.91

		Demonstration	10.10	24,900	60,600	35,700	2.43	
		% Increase	40.27					
6.	Impact/ Outcome: • Increase yield • Timely sowing • Less use of fertilizer Banka district has a favorable climate for lentil production and the farmer was growing traditional varieties with unawareness of scientific cultivation techniques. CFLD of lentil incorporating improved technologies has significantly enhanced lentil production. The medium sized grain of the variety demonstrated has good market worthiness. The recommended practices are easy to be adopted.							
7.	Future plans: Sprinkler irrigation in pulse crop							
8.	Supporting Images 							

3. Economic Information

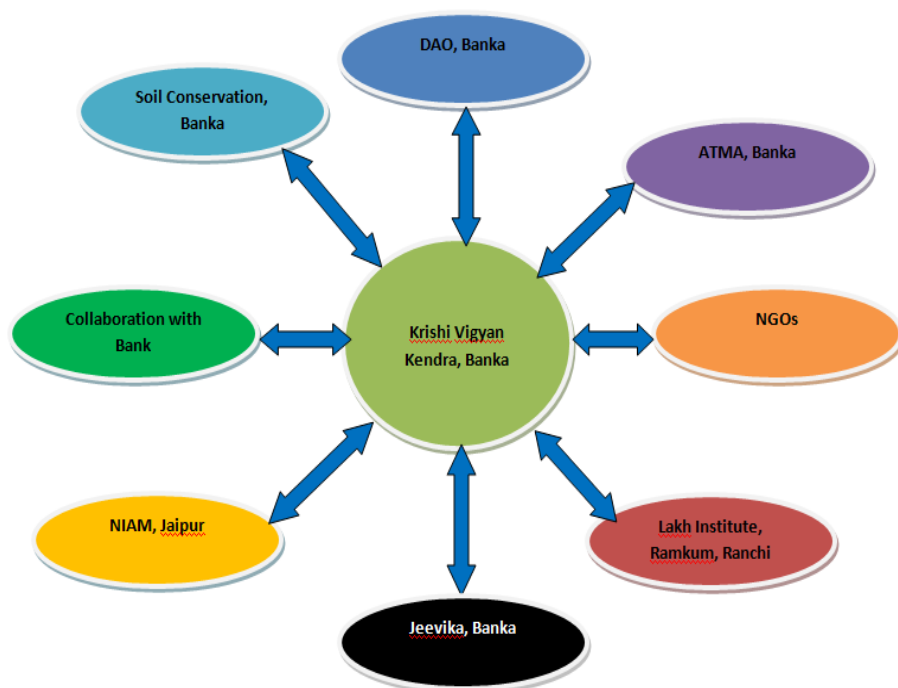
Enterprise/ Crop	Gross Income (annual)	Net income	Cost-Benefit ratio
Lentil	60600.00	35700.00	2.43

5. LINKAGES

5.1. Functional linkage with different organizations

S.No	Name of Organization	Nature of Linkage
1	BAMETI, Patna	Assistance in training
2	District Agril. Department, Banka.	Assistance in training & transfer of technology
3	CIMMYT, India	Survey Work
4	Department of fishery, Banka	Assistance in training
5	Department of animal husbandry, Banka	Assistance in training & transfer of technology
6	National Horticulture Mission	Assistance in training
7	ATMA, Banka	Assistance in training, transfer of technology and financial support

8	JEEVIKA, Banka	Assistance in training
9	National Fertilizer Limited	Assistance in training
10	RKVY	Financial and technical assistance
11	District soil conservation dept., Banka	Diagnostic survey & transfer of technology
12	NABARD	Transfer of technology
13	IFFCO	Assistance in training, transfer of technology
14	Soil Conservation department	Transfer of Technology
15	Media Partener	Extension of technology



Linkage with others

- ✓ On line training with other state university Scientist

5.2. Details of Externally funded project & Programmes during 2024 (Eg. ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies) (information of previous years should not be provided)

a) Programmes for infrastructure development

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

b) Programme for other activities (training, FLD,OFT, Mela, Exhibition etc.)

Name of the programme/scheme	Purpose of Programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

6. PERFORMANCE INDICATORS

6.1.Performance of demonstration units (other than instructional farm)

Sl. No	Name of demo Unit	Year of estt.	Area (Sq.ft)	Details of production			Amount (Rs.)		Remarks
				Variety/ breed	Produce	Qty (q)	Cost of inputs	Gross income	
1	Vermi Composting unit	2011-12	1200 sq. ft.	-	Vermi Compost and Vermi worms	30	15000.00	24000.00	-
2	Mushroom production unit	2011-12	2400 sq.ft.	Oyster, Button	Mushroom	1.0	7500.00	19870.00	-
3	Mushroom Spawn Unit	2011-12	700sq.ft.	Oyster, Button	-	1.5	12870.00	21200.00	-
4	Azolla Unit	2020	80 sq.ft.	-	-	0.5	1620.00	Own Use	-
5	Dairy Unit	2023	2500 sqft	Sahiwal	Milk	45.50	176200.00	209300.00	Milk
6	Goatery Unit	2023	3000 sqft	Jamunapari, Sirohi, Black bengal	Kids	6 kids	1020.00	25000.00	
	Total					98.5 + 6 kids	217210.00	234300.00	

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	20.06.2024	22.11.2024	3.0	R. Sweta	F/S	80.0	130000.00	Ready for sale	
Paddy	05.07.2024	05.12.2024	1.0	R.M-1	F/S	20.0			
Chickpea	30.12.2024	Crop Standing	1.0	Sabour Chana-1	F/S	-	20000.00		
Wheat	25.12.2024	Crop Standing	3.0	DBW-187	F/S	-	80000.00		

6.3. Performance of Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermicompost	3000	15000.00	24000.00	Sold out among farmers

6.4. Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	

-	-	-	-	-	-	-	-
---	---	---	---	---	---	---	---

6.5. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
2022	IMD	Not functioning due to unavailability of manpower

6.6. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
-	-	-	Lack of proper furnishing and other facilities for comfortable lodging

(For whole of the year)

6.7. Utilization of staff quarters

- Whether staff quarters have been completed: Damaged (Need Renovation)
- No. of staff quarters: 3
- Date of completion: 02.04.1983
- Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
Since 2016	Occupied	Occupied	Occupied			

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current	UCO Bank, Kakwara	Kakwara, Banka	14770200000001
Saving	UCO Bank, Kakwara	Kakwara, Banka	14770100000661

7.2. Utilization of funds under CFLD on Oilseed (Rs. In Lakhs)

Item	Released by ICAR		Expenditure		Unspent balance as on - 31.12.2024
	Kharif	Rabi	Kharif	Rabi	
Groundnut	786000.00		785347.00		653.00
Mustard					

7.3. Utilization of funds under CFLD on Pulses (Rs. In Lakhs)

Item	Sanctioned by ICAR		Expenditure		Unspent balance as on 31.12.2023
	Kharif	Rabi	Kharif	Rabi	

7.4. Utilization of KVK funds during the year 2024 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	17726380.00	12960800.00	13259461.00
2	Traveling allowances	785000.00	609700.00	572470.00
3	Contingencies			
A	Training of Farmers			
B	Training Materials			
C	Training of EF & RY			
D	FLD			
E	OFT			
F	Maintenance of Building			
G	Exhibition/Kisan Mela etc			
H	TSP General	800000.00	655229.00	583468.00
I	SCSP General	200000.00	159938.00	182464.00
J	Swachhta Expenditure	0.00	0.00	0.00
TOTAL (A)		19511380.00	14385667.00	14597863.00
B. Non-Recurring Contingencies				
1	Equip & Furniture (TSP Capital)	500000.00	392087.00	221064.00
2	Equip & Furniture (SCSP Capital)	0	0	0
TOTAL (B)		500000.00	392087.00	221064.00
C. REVOLVING FUND		-	-	-
GRAND TOTAL (A+B+C)		20011380.00	14777754.00	14818927.00

7.5. Status of revolving fund (Rs. in lakh) for last three years

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2022	23.11	13.84	13.50	23.39
2023	23.39	15.03	14.63	23.79
2024	23.79	25.18	16.15	32.82

- 7.6. (i) Number of SHGs formed by KVKs-
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both
Kharif & Rabi Mahotsav	17	Kharif/Rabi	-	-	Yes
Demonstration and Farmer visit	7	Kharif	-	Yes	-
Krishak Vaigyanik Vartalaap	4	Rabi/Kharif	-	Yes	-
Training	11	Rabi/Kharif	-	-	Yes

Assessment of crop damage in sub-divisional farm	4	Rabi/Kharif	Yes	-	
Assessment of district level kisan mela stalls	1	Rabi	Yes	-	-
Field visit with Line department	8	Rabi/Kharif	-	-	Yes

7.8 Revenue generation

Sl.No.	Name of Head	Income (Rs.)	Sponsoring agency

7.9 Resource Generation

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
01	CRA Programme	Farm Implements Shed	Bihar Govt.	20,00000.00	Farm Implements Shed

8. MISCELLANEOUS INFORMATION

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)

8.3. Nehru Yuva Kendra (NYK) Training

Title of the training programme	Period		No. of the participant		Amount of Fund Received (Rs)
	From	To	Male	Female	

8.4 Details of 'Pre-Rabi Campaign' Programme

Date of	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door-Darshan	Coverage by other channels
				MLAs Attended	Chairman ZilaPanch	Distt. Collector/DM	Bank Officials	Farmers	Govt. Officials, BPS	Total		

8.5 Vikisit Viksit Bharat Sanklap Yatra

Sl.	No of events attended	No. of Gram Panchayat covered	Total no of farmer participated	No of Lecture Delivered on Soil Health/ Natural Farming
1	182	182	72870	374

8.6 Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK

8.7 Information on Visit of VIP/Ministers/ MP/MLA/DM/VC/Zila Parishad/Other Head of Organization/Foreigners/other Dignitaries to KVKs, if any

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
23.09.2024	Sri Anil Kr. Singh	Chairman Nagar Parishad, Banka	Visited all the demonstration units and very impressed. KVK developing in all field
30.09.2024	Dr. Anjani Kumar	Director, ATARI, Patna	Visited KVK and participated in SAC meeting. A see changes in KVK premises, observed after two years. Well maintained demonstration units which will really attract farmers to adopt the technologies
16.10.2024	Vineet Kr. Singh	District and Additional Session Judge	Today I visited KVK Banka. I surprised to see here different aspect of agriculture and natural farming.
25.10.2024	Dr. V.V. Sadamate	Former advisor, Planning Commision. GoI	Excellent demos on agriculture and allied sector need for replication
30.10.2024	Avinash Kumar	SDM, Banka	Visited KVK today, Excellent work is done by KVK officials and staffs
31.12.2024	Sri Anshul Kumar	DM, Banka	Observed the training of Didis on Lac. They were making bangles. The same can be replicated in villages especially among tribal population. Good work is being done by team of scientists in KVK

8.8 Details of Scientific Advisory Committee (SAC) Meetings

Date	No of participants	Total statutory members present (sate line department)	Salient recommendations	Action Taken	If not, State reason
30.09.2024	35	20	Given below		

S. No.	Salient recommendations	Action Taken
1	Quarterly Training Calendar should be prepared which should be sent to line dept. LDM, ATMA, Jeevika and others	Training Calendar is being regularly sent to line dept. and others.
2	While preparing report of the meeting baseline data of the district should be collected from the district statistics office and source of data should be indicated	The baseline data of the district having collected from district statistics office which is now being incorporated in the different report of the KVK.
3	The fund available under NICRA project should be collected from the university for constructing a pond by the KVK.	The University has been communicated regarding the same and the Director, Works and Plan has assured of constructing a pond by this summer from the available fund.
4	More than two lakh farmers should be registered on Kisan Sarathi Portal and farmers should be encouraged to take benefits of the portal.	2,24,488 farmers have been registered on the Kisan Sarathi portal and the farmers are being made aware of the same in different training programmes.
5	Lac cultivation activity should be extended in more area and arrangement should be made at the KVK for processing of lac and conducting a training on the aspect.	Lac cultivation has been expanded to approx.. 400 Palas plants and a training on lac processing and value addition has been conducted after installing equipments purchased for the purpose.
6	Natural farming should be encouraged in the district. Soil health cards should be provided to the farmers of the CFLD villages after soil testing.	Soil samples from the CFLD villages have been collected for issuing health cards as directed.
7	The animal health centre at Budhwabathan village of Katoriya block should be properly maintained. A report on how many farmers were benefitted by the centre should be prepared.	The monitoring is being done and further guideline for properly running the centre is being provided regularly.
8	For fixing the rate of the implements purchased under the CRA Programme which can be hired by the farmers, a committee should be constituted and a custom hiring centre should be established at the KVK. In the committee Asstt. Director Agril. Engg., Banka should be nominated as a member.	A committee has been constituted and rate for renting different equipments has been fixed. Asstt. Director Agril. Engg., Banka has been nominated as a member of the committee.
9	Works left for establishing a technology park at the KVK should be finished within a month. In the park mushroom production should be included. Oyster mushroom should be encouraged due to its less cost of production.	Technology park is now fully operational with different demonstration units viz. high density guava orchard, vertical garden, polyhouse, natural farming, poultry, azolla, hydroponics fodder, bee keeping and high density mango orchard units. Due to paucity of

		fund mushroom production unit will be constructed in the coming financial year.
10	More attention should be provided for making availability of short duration paddy seed due to climate change.	Demonstration on the short duration paddy variety Sabour Harshit (F/S) has been conducted in 10 ha area for multiplying the seed.
11	Field day on groundnut should be organized under CFLD.	A field day on technology for cultivation of groundnut has been organised in the Sato village of Chandan block in which more than 600 farmers, line department officials alongwith Hon'ble VC, BAU, Sabour have participated.
12	For enhancing the awareness on millet production a training on millet processing should be organized.	Awareness programme on millet production is being conducted with line department in Kharif Mahotsav and Krishak Vaigyanik Bartalap programmes. Demonstration on finger millet var. RAU-08 has been conducted by the KVK in 15 ha area.

**Salient recommendations of SAC in bullet points*

Attach a copy of SAC proceedings along with list of participants in Annexure-I

Details of other meeting related to ATARI

Date	Type of Meeting	Agenda	Representative from ATARI
31.12.2024	Virtual mode	Field verification of fallow land	Director, ATARI
27.12.2024	Virtual mode	Technology Certification	Director, ATARI
17.12.2024	Virtual mode	Financial issue & progress of CFLD programme	Director, ATARI
13.12.2024	Virtual mode	Review of KVKs	Director, ATARI
12.11.2024	Virtual mode	CFLD oilseed and Pulses implementation & fund utilization	Director, ATARI
22.10.2024	Virtual mode	Financial management of CFLD	Director, ATARI
03.10.2024	Virtual mode	100 days of KVKs	Director, ATARI
24.09.2024	Virtual mode	KVK Review meeting	Director, ATARI
18.09.2024	Virtual mode	RY Meeting	Director, ATARI
13.09.2024	Virtual mode	Swachhata Hi Sewa	Director, ATARI
22.08.2024	Virtual mode	Related to RE preparation	Director, ATARI
07.08.2024	Virtual mode	Fund flow of CFLD Oilseed & Pulses	Director, ATARI
30.07.2024	Virtual mode	Review meeting of KVKs	Director, ATARI
16.07.2024	Virtual mode	96 th ICAR Foundation Day	Director, ATARI
15.07.2024	Virtual mode	Discussion on the state govt. programme	Director, ATARI
07.06.2024	Virtual mode	KVK Review meeting	Director, ATARI
17.05.2024	Virtual mode	Implementation of Krishi mapper app	Director, ATARI
15.05.2024	Virtual mode	Interface meeting of Krishi mapper app	Director, ATARI
30.04.2024	Virtual mode	Review meeting of KVKs	Director, ATARI
19.04.2024	Virtual mode	Review meeting	Director, ATARI
16.04.2024	Virtual mode	Review meeting	Director, ATARI
12.04.2024	Virtual mode	Meeting on Ecoregional programme	Director, ATARI
27.03.2024	Virtual mode	Financial Review meeting	Director, ATARI

11.03.2024	Virtual mode	Financial Review meeting	Director, ATARI
29.02.2024	Virtual mode	Financial Review meeting	Director, ATARI
27.02.2024	Virtual mode	Review meeting of budget utilization	Director, ATARI
29.01.2024	Virtual mode	Financial Review meeting	Director, ATARI
11.01.2024	Virtual mode	Financial Review meeting of KVKs	Director, ATARI

8.4. PPV & FR Sensitization training Programme

Date of training/awareness programme	Venue	Resource Person	No. of participants

Details of plant varieties registered

Name of crop Registered	Year of registration	Registration number	Farmer name and details	Address of the farmers

8.5. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	-
2.	No. of farmers registered in the portal	5527
3.	Mobile Apps developed by KVK	-
4.	Name of the App	-
5.	Language of the App	-
6.	Meant for crop/ livestock/ fishery/ others	-
7.	No. of times downloaded	-

8.6. Details of KVK Portal:

- Regular uploading of events on the Portal
- Monthly uploading of MPR on the Portal

8.7. Kisan Sarathi

Name of KVK	No. of Farmers Registered on Portal	Phone call received	Answered call
KVK, Banka	224488	170	170

8.8 Kisan Mobile Advisory Services/KMAS (m-Kisan Portal/National Farmers Portal/ SMS Portal)- Not working

Sl. No.	Discipline	No. of Advisories	No. of Messages (text+ videos)	Total messages	No. of Farmers
1.	Crop				
2.	Livestock				
3.	Weather				
4.	Marketing				
5.	Awareness				
6.	Enterprises				
7.	Others				
8.	Total				

8.9. a. Observation of Swachhta hi Sewa (2nd -31st Oct 2024)

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
07.10.24, 12.10.24, 25.10.24	3	8	130	3	141

**b. Observation of Swachta Pakhwada (15 Dec -31st Dec 2024)**

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
10.12.24, 13.12.24, 18.12.24, 26.12.24, 30.12.24	5	8	141	3	152

c. Details of quarterly budget expenditure on Swachh activities including SAP

S.No	Activities	No of village covered	Total Expenditure (Rs.in Lakhs)
1.	Vermicomposting	3	-
2.	Other than vermicomposting activities under Swachata	1	-

8.10. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK

8.11 Information on Visit of Ministers to KVKs, if any

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
-	-	-	-

9. Details of attachment training (RAWE/ FET for ARS/Others) through KVK

Type of attachment	No of student trained	No of days stayed

10. Any other programme organized by KVK, not covered above

11. PROJECT-WISE REPORTING (Applicable for KVKs identified under the given project)

11.1. Details of Cereal Systems Initiative for South Asia (CSISA)- Not Conducted

Season	Village Covered (no.)	Block Covered (no.)	District Covered (No.)	Respondent (no.)	Trial Name	Area covered (ha)	Name of Crop	Technology Options	Variety name	Duration (Days)	Sowing date	Harvesting date	Days of Maturity	Grain Yield (q/ha)	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	BCR

11.2 Details of Tribal Sub Plan (TSP)

a. Achievements of physical output under TSP

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	32	685
b.	Women		275
c.	Rural Youths	5	194
d.	Extension Personnel	-	-
2)	OFT	No. of OFTs	No. of beneficiaries
		0	0
3)	FLD	No. of FLDs	No. of beneficiaries
		8	365
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		64	623
5)	Other activities		
a.	Participants in extension activities (No.)	152	
b.	Production of seed (q)	-	
c.	Production of Planting material (No. in lakh)	-	

d.	Production of Livestock strains (No. in lakh)	-
e.	Production of fingerlings (No. in lakh)	-
f.	Testing of Soil, water, plant, manures samples (Nos.)	32
g.	Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	Feeding Trough, Egg Hatchery
h.	No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	4

b. Fund received under TSP in 2024-25 (Rs. In lakh): 1047316.00

c. Achievements of physical outcome under TSP during 2024

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	22
2	Change in family consumption level	%	18
3	Change in availability of agricultural implements/ tools etc.	No. per household	2

d. Location and Beneficiary Details during 2024

District	Sub-district	No. of Village covered	Name of village(s) covered	ST population benefitted (No.)		
				M	F	T
Banka	Katoriya	3	Sato, Bangalgarh, Chandipira,	102	218	320

11.3. Details of Scheduled Caste Sub Plan (SCSP)

Sl.	Activities	Physical Achievement	
		No. of Trainings/Demos	No. of beneficiaries
1)	Trainings		
a.	Farmer	17	340
b.	Women		170
c.	Rural Youths	1	55
d.	Extension Personnel	-	-
2)	OFT	No. of OFTs	No. of beneficiaries
		-	-
3)	FLD	No. of FLDs	No. of beneficiaries
		8	212
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		64	332
5)	Other activities		
a.	Participants in extension activities (No.)	-	
b.	Production of seed (q)	-	
c.	Production of Planting material (No. in lakh)	-	
d.	Production of Livestock strains (No. in lakh)	-	
e.	Production of fingerlings (No. in lakh)	-	
f.	Testing of Soil, water, plant, manures samples (Nos.)	220	

11.4. NICRA (Technology Demonstration component) - Not Conducted

Overall achievement

Basic Information

KVKs Name	Districts data				NICRA Adopted village					
	RF (mm) district		Temperature °C		Dry spell/ drought			Intensive rain >60 mm	Flood	
	Normal	Received	Max.	Min.	> 10 days	> 15 days	> 20 days		Water depth (cm)	Duration (days)

Performances of demonstration of in-situ moisture conservation technologies

Name of KVK	NRM		Crop production		Livestock & Fisheries			Capacity Building		Extension Activities	
	Demonstrations	Area (ha)	Demonstrations	Area (ha)	Demonstrations	Area (ha)	No. of animals	No of Courses	Farmers	No. of programmes	Farmers
Zone IV											
FST type		Crop / season (name)	Technology demonstrated		No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)			
								Gross Cost	Net Return	BCR	

Performances of water harvesting and recycling for supplemental irrigation

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of ZTD in various crops

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)	Yield (q/ha)	Economics of demonstration (Rs./ha)		
						Gross Cost	Net Return	BCR

Performance of artificial ground water recharge technologies demonstrated

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs./ha)		
						Gross Cost	Net Return	BCR

Performance of different water saving irrigation methods

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs./ha)		
						Gross Cost	Net Return	BCR

Rainwater harvesting structures developed

New (Nos.)	Renovated (Nos.)	Total	Storage capacity (cu m)	Protective irrigation potential (ha)	Cropping Intensity (%) increase

Performance of different drought tolerant varieties

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs./ha)		
						Gross Cost	Net Return	BCR

Performance of different short duration rice varieties

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of different flood tolerant varieties

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of advancement of planting dates in different crops

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performances of water saving technologies for rice cultivation

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha))	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Integration of cropping system with other farming

FST type	Crop / season (name)	Fodder quantity (dry/ green) utilized for livestock	No. of farmers	Area (ha)/ Unit	Yield (q/ha))	% of reduced fodder purchase from outside

Performance of Community nurseries

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)	Coverage area (ha)	Economics of demonstration (Rs/ha)		
						CoC of nursery	NR from nursery	BCR
	Ragi							
	Paddy							
	Vegetable (name)							
	Other							

CoC: Cost of cultivation (Rs.); NR: Net return (Rs.); BCR: Benefit cost ratio

Performance of different location specific intercropping systems

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of different crop diversification in NICRA villages

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of other demonstration

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of different fodder demonstration in community lands

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/	Yield (q/ha)	Economics of demonstration (Rs/ha)
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				Unit		Gross Cost	Net Return	BCR

Performance of improved fodder

FST type	Crop / season (name)	Technology demonstrated	No. of farmers	Area (ha)/ Unit	Yield (q/ha)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of various vaccination camps organized

FST	Type of animal and Month	Technology demonstrated	No. of farmers covered	o. of animal covered	Less 1 yr calf	Heifer	Adult
		FMD					
		HS					
		BQ					

For Goat/ sheep/ pig

FST	Type of animal and Month	Technology demonstrated	No. of farmers covered	No. of animal covered	Kid	Buck	Doe
		PPR					
		Swine flue					
		FMD					

For poultry

FST	Type of animal and Month	Technology demonstrated	No. of farmers covered	No. of animal covered	Chick (<9 weeks)	Growin g chicke ns (9-20 week)	> 20 weeks
		Ranikhet disease					
		Bird flu					

Performance of fish in the ponds/ water bodies

FST	Fish species	Technology demonstrated with dose rate	No. of farmers	Area (ha)/ Unit	Fish yield (q/ha)	Economics of demonstration (Rs/ha)		
						CoC	NR	BCR

Performance of livestock demonstration in NICRA adopted villages (Buffalo/ Cow)

FST type	Animal / season (name)	Technology demonstrated	No. of farmers	No. of animals/ unit	Milk yield (liters/ lactation)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of livestock demonstration in NICRA adopted villages (Goat/ sheep/ Pig)

FST type	Animal / season (name)	Technology demonstrated	No. of farmers	No. of animals/ unit	Body wt. (Kg/ animal)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of livestock demonstration in NICRA adopted villages (poultry)

FST type	Birds / season (variety/breed)	Technology demonstrated	No. of farmers	No. of birds/ unit	Body wt. (Kg / bird)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of improved shelters for poultry and dairy animals

FST	Technology demonstrated	No. of farmers	Demo. Unit size (No.)	Survival rate		% Increase in survival	Economics (Rs. /ha)			
				Demo	Local		Gross Cost	Gross Return	Net Return	BCR

INSTITUTIONAL INTERVENTION

Name Of KVK	Seed bank		Fodder bank	
	Crop with variety	Quantity in (q)	Fodder crop with variety	Quantity in (q)

Revenue generated through Custom Hiring Centres and VCRMC in KVKs

Name of KVK	Revenue Generated (Rs.)	
	From Custom Hiring Centres (2022-23)	Total under VCRMC

Extension Activities

Name of the activity	Number of Programmes	No. of beneficiaries		
		Male	Female	Total

Soil Health Card prepared and distributed

KVK	No. of soil samples collected	No. of samples analysed	SHC issued	No. of farmers benefitted

Convergence Programme

KVK	Development Scheme /Programme	Nature of work	Amount (Rs.)

Dignitaries visited NICRA Villages

Name of KVK	Name of VIPs/Experts	Date of visit

Newspaper Coverage

Publication (Research Paper, Book, Technical bulletins Paper presented in national/ international seminars etc.)

Success Stories (1-2 nos.)

Name of PI & Co-PI List

Name of KVK	Name of PI	Name Of Co PI

Table: Capacity development (Training On-campus) organized under TDC-NICRA

S. No.	Title of the training course	Period of Training program	Duration	Participant No.		Category			
				Male	Female	General	OBC	ST	SC

Table: Capacity development (Training Off-campus) organized under TDC-NICRA

S. No.	Title of the training course	Period of Training program	Duration	Participant No.		Category			
				Male	Female	General	OBC	ST	SC

Table: Custom Hiring of Farm-Implement

Name of farm implement/equipment	No. of farmers used Implement	Area covered by Farm Implement	Farm Implement used (In Hours)	Revenue generated by Farm Implement (Rs.)	Expenditure incurred on repairing (Rs.)

Table: Village wise VCRMC

Village name	VCRMC Constitution date	VCRMC members (no.)		Meetings organized by VCRMC (no.)	Date of VCRMC meeting	Name of Secretary	Name of President	Major decision taken
		M	F					

Attachments: Good quality Photograph

11.5. Formation and Promotion of FPOs as Cluster Based Business Organization (CBBOs)

Name of State	Name of district	No. of blocks allocated	No. of FPOs registered as CBBO	Average no of members per FPO	No. of FPO received Management cost	No. of FPO received Equity Grant	Tech. backstopping provided to no. of FPOs	No. of training programme organized for FPOs for Technology backstopping as CBBO	Training received by FPO members (Y/N) If yes then major area of training	Assistance to no. of FPOs in economic activities	Is Business plan prepared for FPOs as CBBOs	Is Business plan prepared for FPOs as without CBBOs	No. Of FPOs doing business

Details of commodity-based organizations/ farmers' cooperative society/ FPO formed/ associated with KVK under NCDC funding

S.No	Name of the FPO	Address of FPO	Registration No and Date	Proposed Activity	Commodity Identified	Total No. of BOM Members	Total no of farmers attached	Financial position (Rupees in lakh)	Success indicator

11.6. Nutri-Sensitive Agricultural Resources and Innovation (NARI)

a. Overall achievement

No. of Nutri smart village developed	Total Area covered (sqm)	Total No of OFT organized	Total No. of FLD organized	No. of training/capacity development programme	Total No. of farmers/ beneficiaries	No of Extension programmes	Total No. of farmers/ beneficiaries
6	6500	-	3	14	427	2	102

b. Details of OFT/FLD

OFT		
Nutritional Garden		
Bio-fortified Crops		
Value addition (in no. of Unit or no. of Enterprise)		
Other Enterprises (in no. of Unit or no. of Enterprise)		
	Area (ha/ no. of Unit/Enterprise)	No. of farmers/ beneficiaries
FLD		
Nutritional Garden		
Bio-fortified Crops		

Value addition (in no. of Unit or no. of Enterprise)		
Other Enterprises (in no. of Unit or no. of Enterprise)		

c. Details of established Nutrition Garden in Nutri-Smart village

Sl.	Name of Nutri-Smart Village	Type of Nutrition Garden	Number	Area (sqm)	No. of beneficiaries
1.	Bengalgarh. Sato	Backyard/Kitchen Garden	50	400	50
2.		Community level			
3.		Terrace Garden			
4.		Vertical Garden			
TOTAL			50	400	50

d. Details of Bio-fortified crops used in Nutri-Smart village

Name of Nutri-Smart Village	Season	Activity (OFT/FLD)	Category of crop (cereal/ pulses/oilseed/ fruits & veg./ others)	Name of Crop	Variety	Area (ha)	No. of beneficiaries
Bengalgarh, Sato	Rabi	FLD	Cereal	Wheat	BHU-31	5.0	36
	Kharif	FLD	Cereal	Paddy	DRR DHAN-67	5.0	39

e. Details of Value addition in Nutri-Smart village

Name of Nutri Smart Village	Name of Crop/ veg./ fruits/ other	Name of Value-added product	Activity (OFT/FLD)	No. of farmers/ beneficiaries

f. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Bengalgarh, Sato	Poshan vatika	5	162

g. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
Ambedkar nagar, Kokritari	Awareness Programme	2	102

h. Details of recipe contest (if applicable)

No of events organised	Name of location/village	No. of participants
1		

11.7 Attracting and Retaining Youth in Agriculture (ARYA)- Not Conducted

Name of Enterprises	No of Skill training conducted (No.)	Name of Training	Duration (Days)	Youth trained (No.)	Established entrepreneurial unit (No.)	No. of Groups Formed for establishment of unit	No. of Members in each Group	No. of Groups active	No. of person left the group	Total Viable unit (No.)	Average size of each entrepreneurial unit	Total Production /unit / year	Per unit cost of Production (Rs)	Sale value of Produce (Rs.)	Gross Return/Unit/ Year (Rs.)	Economic Gain / unit (Rs.)	B: C Ratio	Employment generated/ year (manday @ 8 hr/ day)

11.8 Out-scaling of Natural Farming Format- *Not Conducted*

Geographical information

Name of State			
Name of KVK			
Agro Climatic Zone of Village/KVK			
Farming Situation of the Selected Farmer/KVK		Latitude (N)	Longitude (E)

Physical information

Name of KVK	Name of activity	No of activities organized	No of participants	Participants (Male)						Participants (Female)					
				GEN	OB C	S C	S T	Others	Total	GEN	OB C	S C	S T	Others	Total
	Training														
	Awareness														
	Demonstration														
	Other activities														

Training information

Title of Natural Farming training Programme	Date of Training	Venue of programme	Participants (Male)						Participants (Female)						Remarks/Observation/Feedback Recorded
			GEN	OB C	S C	S T	Others	Total	GEN	OB C	S C	S T	Others	Total	

Awareness programme information

Title of Natural Farming Awareness programme	Date of Awareness programme	Venue of programme	Participants (Male)						Participants (Female)						Remarks/Observation/Feedback Recorded
			GEN	OB C	S C	S T	Others	Total	GEN	OB C	S C	S T	Others	Total	

Any other Programme /Activity organized for Natural farming promotion		
Name of the Innovative programme organized	Significance of innovative programme	Remarks/Observation/Feedback Recorded

Details of Beneficiaries under Demonsatration at Farmer's Fields

Name of KVK	No. of blocks covered	No. of village covered	Total no. of Trained/Practicing NF Farmer	No. of farmers influenced to adopt NF	No. of farmers with whom the NF farmer can engaged all season	No. of farmers with whom the NF farmer can engage in 1 season	Any Remarks (in <50 words)

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State			
Name of KVK/Farmer where demonstration conducted			
Address of Farmer with contact detail			
Agro Climatic Zone of KVK/Village of farmer			
Cropping patter of KVK plot/ Farmer plot			
Farming Situation of the Selected KVK/Farmer		Latitude (N)	Longitude (E)

Name of Activity	Crop	Variety	Season (Kharif /Rabi/ Summer)	Name of Natural Farming components/Technology demonstrated	Area (ha) in Natural farming practice	Detail of farmer practice	Observations Recorded		
							Name of parameter	Performance	
								Without NF practice	With NF practice
							Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)		
							Cost of cultivation (Rs/ha)		

											Gross Return (Rs/ha)		
											Net Return (Rs/ha)		
											B:C Ratio		
											Soil PH		
											Soil OC (%)		
											Soil EC (dS/m)		
											Available N (Kg/ha)		
											Available P (Kg/ha)		
											Available K (Kg/ha)		
											Soil Microbes (cfu)		
											Any other, specify		
Feedback of farmer													

Information of Farmer Already Practicing Natural Farming

S . N o .	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (De si Co ws)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
											Plant height (cm)		
											Other relevant parameter		
											Yield (q/ha)		

											Cost of cultivation (Rs/ha)		
											Gross Return (Rs/ha)		
											Net Return (Rs/ha)		
											B:C Ratio		
											Soil PH		
											Soil OC (%)		
											Soil EC (dS/m)		
											Available N (Kg/ha)		
											Available P (Kg/ha)		
											Available K (Kg/ha)		
											Soil Microbes (cfu)		
											Any other, specify		
Feedback of farmer:													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)

Soil Parameter for Non-Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)

Soil Parameter for Demo plot at Farmer's Field

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)

Soil Parameter for Non- Demo plot at Farmer's Field

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)

Financial information

Budget Expenditure (Rs. in Rs)				
Name of activity	Number of activities organized	Budget sanction (Rs)	Budget expenditure (Rs)	Total Budget Expenditure (Rs)
Training				
Awareness Programme				
Demonstration				
Miscellaneous				
Total				

Glimpses of various Activities (Good Quality Action Photographs)				
Name of activity	1	2	2	4
Training programmes				
Awareness programmes				
Demonstrations (KVK/Farmer filed)				
Any other activities				

11.9 CRA (Climate Resilient Agriculture)

Technology demonstrated/ interventions	Cropping system	Farming System crop under demonstration			Area under Demonstration (in acre)			No. of farmers under demonstration			Category				Crop Yield (q/ha)			System productivity (q/ha)	Total return (Rs./ha)	Yield obtained under Farmer Practices (q/ha)	Exposure visit (no.)	Number of farmers under exposure
		Kharif	Rabi	Summer	Kharif	Rabi	Summer	Male	Female	Total	SC	ST	OBC	Gen	Kharif	Rabi	Summer					

11.10 District Agro Meteorological Unit (DAMU)- NA

S. No	No. of Block agromet advisories send	No. of advisory bulletin published	No. of Farmers Awareness programmes organized	No. of farmers feedback received	No. of farmers received agromet advisory bulletin	No. of publication
1	11	104	27	-	40690	-

11.11 KSHAMTA- Not Conducted

Number of Adopted Villages	No. of Activities		No. of farmers benefited	
	Demo	Training	Demo	Training

11.12 Agri-Drone- NA

S. No.	Name of parameter	Details of parameter
1	Name of the project implementing centre (PIC)	
2	No. of Agri Drones Sanctioned	
3	No. of Agri Drones Purchased	
4	Amount sanctioned (Rs)	
5	Purchased cost of each Drone (Rs.)	
6	Company and Model of Drone	
7	Name and contact No of Agri Drone Pilot	
8	Target Area for Agri Drone Demonstration (ha) (1 demo = 1 ha area)	
9	Amount sanctioned for Agri Drone Demonstrations (Rs.)	
10	Amount utilised for Agri Drone Demonstrations (Rs.)	
11	Area covered under demos (area in ha)	
13	Operation carried out (Pesticide/Weedicide/Nutrient application) in demonstration organised	
14	Number of farmers participated during demonstration	
15	Advantages of using Agri Drones as observed during the demonstrations	

Details of Demonstrations under Agri-drone Project

	Name of district	Date of demonstration	Place of demonstration	Crop Name	No. of demos	Area covered under demos (area in ha)	No of farmers participated
Demos on insecticide spray							

Demos on weedicide spray							
Demos on nutrient spray							

11.13 Augmenting Rapeseed- Mustard Production of Tribal Farmers of Jharkhand state for Sustainable Livelihood Security under Scheduled Tribe Component.

Varieties used	Situations (Irrigated/ Rainfed)	Varieties used in FP	Yield (Kg/ha)		YIOFP (%)	COC (Rs./ha)		GMR (Rs./ha)		ANMR (Rs./ha)	B:C ratio GMR/CoC	
			IP	FP		IP	FP	IP	FP		IP	FP

S.No	Item /Activity	Units	Quantity	No of beneficiaries
1	Training (Capacity building /skill development etc)			
1.1	1-3 days	No.		
2	Frontline demonstration (FLDs) and other demonstrations			
2.1	Area under FLDs	Hectare		
3	Awareness camps, exposure visit etc	No.		
4	Input Distribution			
4.1	Seeds (Field Crops)	Kg		
4.2	Small equipment's (Upto ₹ 2000)	No.		
4.3	Large equipment's (more than ₹2000)	Nos.		
4.4	Fertilizers (NPK)/ Secondary/ Micro Fertilizers	Kg		
4.5	Plant Protection chemicals	Lit.		
5	Distribution of Literature	No.		
6	Kisan Mela	No.		
7	Any other (specify)	No.		
8	Total Budget Utilized	Rs		

12. OTHER INFORMATION

12.1 Integrated Farming System (IFS)

a. Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
01	Dairy	0.25	4808	152246	221172	6	-
02	Goatery	0.30	4	9050	22000	3	-
03	Mushroom Production	0.31	42 Kg	1050	4200	100	-
04	Vermicompost	0.04	3000 kg	18000	24000	11	

b. Activities under IFS

Sl. No.	Component Name	No. of KVKs under the Component	No. of Components established	Area (ha)	No. of Activities		No. of farmers benefited	
					Demo	Training	Demo	Training
1.								
2.								
3.								

12.2 Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I					
II					
Total					

13. Farm Innovation Programme under TSP:

Title: Introduction of Rangeeni Lac cultivation on Palas (*Butea monosperma*) trees for sustainability and enhancement of income for tribal farm families

Owing to the climate change, the caprices of monsoon become common phenomena across the country. To cope up with this dubiety, it is indispensable to find the suitable way-out to sustain the livelihood for resource constrained farmers. Diversification in farming is need of the hour which will help the farming community during the unforeseen situations. Certain blocks of Banka district are endowed with abundance of *Butea monosperma* commonly known as flame of the forest, palas which is one of the main host trees for cultivation of *rangeeni* strain of lac insect (*Kerria lacca*). One of the major problems in the region is lack of livelihood opportunities and low productivity of existing natural resources. Keeping these in mind, Krishi Vigyan Kendra (KVK), Banka and ICAR-RCER, Patna decided to train some farmers and introduce lac cultivation on *palas* trees for resource constrained farmers in general and ST community in particular. Subsequently with the financial support of ATARI, Patna and technical support by ICAR-RCER, Patna a project entitled “**Introduction of Rangeeni Lac cultivation on palas, *Butea monosperma* trees for sustainability and enhancement of income for farm family**” was formulated and implemented during the year 2022. The project is currently being run in Bengalgah and Sato villages of Chandan block. 2 trainings and 5 awareness programmes were conducted under this programme in the current financial year. In the first training farmers were acquainted with various activities viz., pruning of host trees, bundling of broodlac, inoculation, funki removal and application of fungicides and insecticides for protection of lac insects against diseases and attack of parasitoids and predators, respectively while in the second training tribal men and women were trained on the aspect of processing of lac consisting of preparation of chauri and button lac as well as preparation of value added products such as bangles and paper weight. For the purpose implements purchased for lac processing have been operationalized.

Production of lac in different years

Year	No of Palas trees inoculated		Quantity of brood lac obtained	Quantity of lac Material produced
	Crop – Katki (June – July)	Crop - Baisakhi (Oct.-Nov.)		

2022	35	50	Heavy mortality of larvae	-
2023	50	65	135 Kg	45 Kg
2024	300	-	200 Kg	65 Kg

Economics of Lac cultivation from 50 Palas trees

Sl. No.	Items	Quantity/No.	Rate	Cost
Cost of cultivation				
1.	Brood lac inoculated	65 Kg	Rs. 400/Kg	26,000.00
2.	No. of labours required (inoculation of brood lac-2, spraying of insecticide- 2, harvesting of brood lac – 3, removing phuki- 2)	09	Rs. 400/person	3600.00
Total cost				29,600.00
Income				
1.	Brood lac harvested	135 Kg	Rs. 400/Kg	54,000.00
Net return				24,400.00
Net Return from two cycles of Lac Production per year (24400 X 2 = 48800.00)				
Expected production in the year 2024 : 500 Kg of Brood lac with more than 150 Kg of lac material worth Rs. 150,000.00				





14. Malnutrition Eradication Programme:

Village adopted - Bangalgarh, Block- Chandan, Dist- Banka

Baseline survey of Bangalgarh village:

No. of households: 27

Sl. No.	Name of Village/Tola	No. of people surveyed		Total
		Male	Female	
1	Bangalgarh	292	262	554

Major output of the survey:

- Hemoglobin content in village specially in women and children recorded low to average (9.0 to 10.5 g/dl).
- Most of children has recorded under weight
- BMI index recorded low to average.

Major Achievement of the programme:

Sl. No.	Type	No. of Programme	Total no. of beneficiaries
01	Training-cum-Awareness Programme	7	226
	Total	7	226



Technological inputs provided

- Vegetable kit
- Papaya
- Guava
- Lemon
- Banana
- Biofortified paddy (DRR-67)
- Millet (Madua)



SAC Proceeding

कृषि विज्ञान केन्द्र, बाँका

वैज्ञानिक सलाहकार समिति की 31 वीं बैठक की कार्यवाही

कृषि विज्ञान केन्द्र, बाँका की वैज्ञानिक सलाहकार समिति की 31 वीं बैठक दिनांक 30.09.2024 को केन्द्र के सभागार में आयोजित की गई। यह बैठक निदेशक प्रसार शिक्षा डॉ. आर. के. सोहाने की अध्यक्षता में मुख्य अतिथि डॉ. अंजनी कुमार, निदेशक आई.सी.ए.आर.-अटारी, पटना एवं विशिष्ट अतिथि डॉ. मो. मोनोब्रुल्लाह, प्रधान वैज्ञानिक, आई.सी.ए.आर.-अटारी, पटना के साथ-साथ राज्य सरकार के विभागीय पदाधिकारीगण तथा सम्मानित कृषक सदस्यों की उपस्थिति में संपन्न हुई। इस कार्यक्रम में सम्मानित सदस्यों द्वारा सर्वसम्मति से पिछली बैठक के अनुपालन प्रतिवेदन की सम्पुष्टि की गयी तथा निम्नांकित बिन्दुओं पर महत्वपूर्ण निर्णय लिये गये।

1. निदेशक प्रसार शिक्षा ने निर्देश दिया कि केन्द्र के द्वारा आयोजित किए जाने वाले प्रशिक्षण कार्यक्रम का कैलेंडर तैयार कर इसकी सूचना विभागीय पदाधिकारियों को उपलब्ध करावें तथा प्रशिक्षण कार्यक्रम में संबंधित विषय के पदाधिकारी, अग्रणी बैंक प्रबंधक, जिला परियोजना प्रबंधक, जीविका एवं प्रगतिशील किसान को भी आमंत्रित किया जाय, ताकि वे अपने विभाग से संबंधित जानकारी प्रशिक्षु किसानों को दे सकें जिससे कि किसानों को आगे कार्य करने में सहाय्यता हो सके। साथ ही मौसम के अनुसार प्रशिक्षण का विषय चयनित करें।

कार्यान्वयन :- सभी विषय वस्तु विशेषज्ञ

2. अनुपालन प्रतिवेदन में भेजे गए पत्र का साक्ष्य/पत्रांक अवश्य अंकित करें। प्रतिवेदन बनाने के क्रम में जिला का प्रोफाइल एवं वर्षापात इत्यादि का डाटा जिला सांख्यिकी कार्यालय से सम्पर्क कर तैयार करें और प्रतिवेदन में डाटा का स्रोत भी अंकित करें।

कार्यान्वयन :- वरीय वैज्ञानिक एवं प्रधान/सभी वि. व. वि.

3. निकरा परियोजना के तहत केन्द्र पर तालाब खुदाई की परिचर्चा के क्रम में वरीय वैज्ञानिक एवं प्रधान द्वारा बताया गया कि इसके लिए निदेशक कार्य एवं संयंत्र द्वारा आश्वासन दिया गया है, परन्तु अभी तक खुदाई कार्य नहीं हो पाया है, इस पर निदेश दिया गया कि इस मद में संचित राशि को विश्वविद्यालय से मँगवाकर कृषि विज्ञान केन्द्र द्वारा अपने स्तर पर तालाब खुदाई का कार्य करवाया जाए।

कार्यान्वयन :- वरीय वैज्ञानिक एवं प्रधान

4. किसान सारथी एप पर दो लाख से अधिक किसानों को शीघ्र जोड़ें और अधिक से अधिक किसानों को अपने मोबाईल पर इस एप को अपलोड कर इसका लाभ उठाने हेतु प्रेरित करें।

कार्यान्वयन :- श्री राजीव रंजन, कार्य. सहा. (कम्प्यूटर)

5. अटारी के प्रधान वैज्ञानिक डॉ. मोनोबुल्लाह ने कहा कि जलवायु की बदलती स्थिति में भी लाह के उत्पादन में कोई कमी नहीं पाई गई। इस पर अध्यक्ष ने कहा कि इसका विस्तार और अधिक क्षेत्रों में करें और इसके प्रोसेसिंग की भी व्यवस्था करें। इसके व्यावहारिक प्रशिक्षण के लिए एक विशेषज्ञ को बौका आमंत्रित कर प्रशिक्षण दिलाने की व्यवस्था करें।

कार्यान्वयन :- श्री संजय कु. मंडल, वि. व. वि.

6. प्राकृतिक खेती को बढ़ावा दें। संकुल अग्रिम पंक्ति प्रत्यक्षण से आच्छादित गाँव से 1000 मिट्टी जाँच नमूना संग्रह कर मृदा स्वास्थ्य कार्ड उपलब्ध करावें।

कार्यान्वयन :- श्री संजय कु. मंडल, वि. व. वि.

7. कटोरिया प्रखंड के बुढ़वाबथान ग्राम में स्थापित सामुदायिक पशु स्वास्थ्य केन्द्र की सलाहना करते हुए निदेशक अटारी, पटना एवं निदेशक प्रसार शिक्षा द्वारा इसे जारी रखने का निदेश दिया गया तथा इससे कितने पशु पालकों को फायदा हुआ, का प्रतिवेदन तैयार करने का निदेश दिया गया।

कार्यान्वयन :- डॉ. संजीत कुमार, वि. व. वि.

8. जलवायु अनुकूल कृषि के तहत क्रय किये गये कृषि यंत्रों को किराया पर देने के लिए स्थानीय क्रय समिति का गठन कर कस्टम हायरिंग सेन्टर तैयार करें। धान की कटनी में इन यंत्रों का प्रयोग करें। कृषि यंत्रों का दर निर्धारण के लिए समिति में सहायक निदेशक, कृषि अभियंत्रण को शामिल करें।

कार्यान्वयन :- वरीय वैज्ञानिक एवं प्रधान

9. तकनीकी पार्क की सलाहना करते हुए कहा कि इसमें शेष बचे कार्य को एक माह में पूर्ण कर लिया जाय और इसमें मशरूम उत्पादन इकाई को भी शामिल किया जाय। निदेशक, अटारी ने कहा कि बटन मशरूम में लागत अधिक है, इसलिए ऑयस्टर और मिल्की मशरूम को बढ़ावा दें।

कार्यान्वयन :- सभी विषय वस्तु विशेषज्ञ

10. जिला कृषि पदाधिकारी द्वारा कहा गया कि जिले के किसानों के धान के फसल के प्रति ज्यादा रुझान है और बदलते मौसम के कारण लोग कम अवधि के धान को लगाना अधिक पसन्द करते हैं। उनके द्वारा कम अवधि वाले धान बीज की उपलब्धता हेतु विशेष ध्यान देने की आवश्यकता पर बल दिया गया।
11. वरीय वैज्ञानिक एवं प्रधान द्वारा प्रेजेन्टेशन के माध्यम से बताया गया कि संकुल अग्रिम पंक्ति प्रत्यक्षण के तहत मूँगफली फसल काफी अच्छा है, इसपर अध्यक्ष द्वारा प्रक्षेत्र दिवस मनाने का निदेश दिया गया।

कार्यान्वयन :- ई. रविरंजन कुमार, वि.व.वि.

12. मिलेट फसल की बढ़ती लोकप्रियता को देखते हुए इसके प्रति जागरूकता बढ़ाने एवं मिलेट के प्रोसेसिंग हेतु प्रशिक्षण कराने का निदेश दिया गया।

कार्यान्वयन :- डॉ. नेहा सिंह, वि.व.वि.

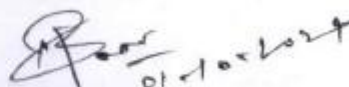
इस बैठक में निम्नांकित सदस्यों ने भाग लिया -

क्र. सं.	पदाधिकारी/वैज्ञानिक एवं कृषक सदस्यों के नाम/पता
1	डॉ. आर. के. सोहाने, निदेशक प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौर
2	डॉ. अंजनी कुमार, निदेशक, आई.सी.ए.आर.-अटारी, पटना
3	डॉ. मो. मोनोब्रुल्लाह, प्रधान वैज्ञानिक, आई.सी.ए.आर.-अटारी, पटना
4	डॉ. ब्रजेन्दु कुमार, वरीय वैज्ञानिक एवं प्रधान, कृषि विज्ञान केन्द्र, बाँका
5	जिला कृषि पदाधिकारी-सह-परियोजना निदेशक, आत्मा, बाँका
6	जिला विकास प्रबंधक, नाबार्ड, बाँका
7	सहायक निदेशक (उद्यान), बाँका
8	जिला पशुपालन पदाधिकारी, बाँका
9	जिला परियोजना प्रबंधक, जीविका, बाँका
10	सहायक निदेशक (पौधा संरक्षण), बाँका
11	सहायक निदेशक (कृषि अभियंत्रण), बाँका
12	जिला गव्य विकास पदाधिकारी, बाँका
13	उप परियोजना निदेशक, आत्मा, बाँका
14	अग्रणी बैंक प्रबंधक, बाँका
15	ई. रवि रंजन कुमार, वि.व.वि. (कृषि अभियंत्रण), कृ.वि.के., बाँका
16	श्री संजय कुमार मंडल, वि.व.वि. (मृदा विज्ञान), कृ.वि.के., बाँका
17	डॉ. विकास सिंह, वि.व.वि. (उद्यान), कृ.वि.के., बाँका
18	डॉ. नेहा सिंह, वि.व.वि. (कृषि प्रसार), कृ.वि.के., बाँका
19	डॉ. संजीत कुमार, वि.व.वि. (पशु चिकित्सा विज्ञान), कृ.वि.के., बाँका
20	श्री रवि कुमार, हिन्दुस्तान समाचार पत्र, बाँका
21	श्रीमती बन्दना कुमारी, मेढा, कटोरिया, बाँका, प्रगतिशील महिला कृषक
22	श्रीमती विनिता कुमारी, झिरवा, बाँका, प्रगतिशील महिला कृषक
23	श्री रुपेश कुमार चौधरी, उपरामा, रजौन, बाँका, प्रगतिशील कृषक
24	श्री पवन कुमार, बिदनचक, अमरपुर, बाँका, प्रगतिशील कृषक
25	श्री मुंशी मरांडी, हीरमोती, बाँका, प्रगतिशील कृषक
26	श्रीमती वीणा हेम्रम, मुक्ति निकेतन, कटोरिया


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वरीय वैज्ञानिक एवं प्रधान
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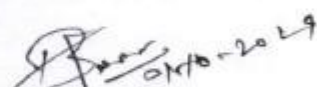
ज्ञापांक-IV/कृ.वि.के. बाँका/175 दिनांक-01.10.2024

प्रतिलिपि :- सभी किसान प्रतिनिधि एवं सम्मानित सदस्य को सूचनार्थ।


01.10.2024
वरीय वैज्ञानिक एवं प्रधान
कृषि विज्ञान केन्द्र, बाँका

ज्ञापांक-IV/कृ.वि.के. बाँका/175 दिनांक-01.10.2024

प्रतिलिपि :- निदेशक प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौर/निदेशक, आई.सी.ए.आर.-अटारी,
पटना की सेवा में सादर सूचनार्थ समर्पित।


01.10.2024
वरीय वैज्ञानिक एवं प्रधान
कृषि विज्ञान केन्द्र, बाँका