KRISHI VIGYAN KENDRA, BANKA
ACTION PLAN 2026

(1st January to 31 December, 2026)

1. GENERAL INFORMATION ABOUT THE KVK

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

Name and Address of KVK	Telephone		E mail	Website
Krishi Vigyan Kendra, Banka Jagatpur, Banka	Office	FAX	bankakvk@gmail.com	https://banka.kvk4.in/
	06424299939	-		

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

Address	Telephone		E mail	Website
	Office	FAX		
Bihar Agricultural University, Sabour, Bhagalpur	0641-2451605	0641-2451606	vcbausabour@gmail.com	https://bausabour.ac.in/

1.2.b. Status of KVK website : Yes/No; Yes Date when the website last updated: 15.04.2026

1.2.c. No. of Visitors (Hits) to your KVK website (as on today) : 115274

1.2.d Status of ICT lab at your KVK : No

a) No. of PC units :

b) No. of Printers :

c) Internet connection : Yes/No

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

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. Brajendu Kumar	-	9431659922	bankakvk@gmail.com

1.4. Year of sanction: 1983

1.5. Staff Position (as on 1st January, 2026)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Grade Pay	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/	Mobile No.	Email id	Please attach recent
1	Senior Scientist & Head	Dr. Brajendu Kumar	Sr. Scientist & Head	Fisheries Science	37000-67000	9000	147900.00	23.07.2019	Permanent	General	9431659922	bankakvk@gmail.com	
2	Subject Matter Specialist	Er. Ravi Ranjan Kumar	Subject Matter Specialist	Agril. Engg.	15600-39100	6000	92500	15.06.2009	Permanent	OBC	9431444122	raviranjan.95@rediffmail.com	

3	Subject Matter Specialist	Sri Ajay Kumar Das	Subject Matter Specialist	Horticulture	15600-39100	6000	89800	16.06.2009	Permanent	SC	9472188633	sabourajay95@gmail.com	
4	Subject Matter Specialist	Sri Sanjay Mandal	Subject Matter Specialist	Soil Science	15600-39100	5400	75400	03.05.2013	Permanent	OBC	9973065385	mandal.sanjay545@gmail.com	
6	Subject Matter Specialist	Dr. Neha Singh	Subject Matter Specialist	Agril. Extension	15600-39100	5400	57800	22.01.2024	Permanent	Gen.	8874266088	nehhaa88@gmail.com	
7	Subject Matter Specialist	Dr. Sanjit Kumar	Subject Matter Specialist	Vet. Science	15600-39100	5400	57800	21.02.2024	Permanent	OBC	7903430078	sanjitpath@gmail.com	
8	Subject Matter Specialist	Vacant	Subject Matter Specialist	-	-	-	-	-	-	-	-	-	-
9	Programme Assistant	Vacant	Programme Assistant (Lab)	-	-	-	-	-	-	-	-	-	-
10	Computer Programmer	Sri Rajiv Ranjan	Programme Assistant (Computer)	Computer Applications	9300-34800	4200	49000	15.05.2013	Permanent	OBC	9801813947	rrmca07@gmail.com	
11	Farm Manager	Sri Pawan Kumar	Farm manager	Agriculture	9300-34800	4200	50500	29.10.2012	Permanent	OBC	9122123666	pawanfmkvk@gmail.com	
12	Accountant / Superintendent	Sri Sajjan Kumar Jha	Assistant	Account	9300-34800	4200	49000	17.04.2013	Permanent	Gen	9472013937	sajjan.kvkkhagaria@gmail.com	
13	Stenographer	Sri Devendra Kumar Singh	Stenographer	Stenography	5200-20200	2400	35300	22.06.2013	Permanent	Gen	9955418767	devkumar1378@gmail.com	
14	Driver	Sri Kishori Mandal	Driver	Driving	5200-20200	2000	29300	11.05.2015	Permanent	OBC	7766941391	-	
15	Driver	Sri Shekhar Pathak	Driver	Driving	5200-20200	2000	29300	09.02.1990	Permanent	Gen	7546001094	-	
16	Supporting staff	Sri Kedar Prasad Yadav	Supporting staff	-	5200-20200	1900	41800	01.01.1999	Permanent	OBC	8294552024	-	
17	Supporting staff	Sri Lal Mohan Yadav	Supporting staff	-	5200-20200	1900	40600	20.08.1986	Permanent	OBC	9939731455	-	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	3.0
2.	Under Demonstration Units	0.25
3.	Under Crops	10.0
4.	Horticulture	0.75
5.	Pond	6.0
6.	Others if any	0.0

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding		Stage					
				Complete			Incomplete		
		ICAR	RKVY	Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR		1983	199.2				
2.	Farmers Hostel	ICAR		1983	546.0				
3.	Staff Quarters (6)	ICAR		1983	400.6				
4.	Demonstration Units (2)	ICAR		2001	350.0				
5	Fencing								
6	Rain Water harvesting system								
7	Threshing floor	ICAR		2010	800.0				
8	Farm godown	ICAR		2010	300.0				

B) Vehicles

Type of vehicle	Year of purchase	Source (ICAR/RKVY)	Cost (Rs.)	Total kms. run as on December, 2025	Present status
Tractor- Holland 55HP	2019	ICAR	801796.00	2597 hours	In running condition
Tractor- Holland 65HP	2020	ICAR	924850.00	559 hours	In running condition
Bolero	2014	ICAR	417598.00	221808 Kms.	In running condition
Two Wheeler (Discover)	2017	ICAR	60000.00	19384 Kms	In running condition

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Lab equipment			Working
BOD incubator	2012-13	287413.00	Working
Autoclave	2012-13		Working
Hot Air Oven	2012-13		Working

Laminar flow	2012-13		Working
Refrigerator	2012-13	14993.00	Working
AV Aids			
CRT Monitor	2012	200000.00	Working
Sound craft and channel	2012		Working
Microphone and speaker	2012		Working
Logicool AC 2T on spilt	2012		Not Working
Xerox machine (WC 5020)	2010		Not Working
Mahendra silent generator set	2012	300000.00	Not Working
Computer	2013	50000.00	Not Working
Numeric UPS 1000VA	2013		Not Working
Refrigerator	2016	32000.00	Working
Desktop Computer	2016	39000.00	Working
Desktop Computer	2018	62000.00	Working
Laptop	2022	75000.00	Working
Projector	2022	68000.00	Working
Camera	2023	149000.00	Working
Desktop Computer	2024	70000.00	Working
Printer	2024	22000.00	Working

Farm Implements

Name of Implements	Year of purchase	Cost (Rs.)	Present status
Cultivator	1999-2000	4000.00	Not Working
Cage wheel	1999-2000	3000.00	Not Working
Knap Sac Sprayer (Battery operated)	-	5800.00	Working
Pump set (Diesel)	-		Not Working
Low-cost paddy thresher	2011-12	18500.00	Not Working
Wheat thresher	2011-12	10000.00	Not Working
Cultivator	2011-12		Working
Rotavator	2011-12	28000.00	Working
Electric pump set	2011-12	9000.00	Working
Wooden Planker	2011-12	6000.00	Working
Ridger	2011-12	28500.00	Working
Power shaw	2011-12	40000.00	Working
Sprinkler	2011-12	68500.00	Working
Multi seed drill	2011-12	58000.00	Working
Zero till seed drill	2011-12	45000.00	Working
Hydraulic trolly	2011-12	125000.00	Working
Power conoweeder	2011-12	45000.00	Working
Lavellor	2011-12	9500.00	Working

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

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

Sl. No.	Date
1. Scientific Advisory Committee	22.05.2026 (Tentative)

Suggestions of SAC meeting

वैज्ञानिक सलाहकार समिति की 32 वीं बैठक की कार्यवाही

कृषि विज्ञान केन्द्र, बाँका की वैज्ञानिक सलाहकार समिति की 32 वीं बैठक दिनांक 12.09.2025 को केन्द्र के सभागार में आयोजित की गई। यह बैठक मुख्य अतिथि डॉ॰ अंजनी कुमार, निदेशक आई॰सी॰ए॰आर॰–अटारी, पटना की अध्यक्षता में एवं विशिष्ट अतिथि डॉ॰ मो॰ मोनोब्रुल्लाह, प्रधान वैज्ञानिक, आई॰सी॰ए॰आर॰–अटारी, पटना तथा डॉ॰ अभय मानकर, उप निदेशक प्रशिक्षण, बिहार कृषि विश्वविद्यालय, सबौर 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, आई॰सी॰ए॰आर॰–अटारी, पटना द्वारा निदेश दिया गया कि कृषि विज्ञान केन्द्र संबद्ध विभाग और एन॰जी॰ओ॰ के साथ काम करें।

   कार्यान्वयन :– सभी विषय वस्तु विशेषज्ञ

2. लाह उत्पादन के क्षेत्र में किये गये कार्य की सफलता को देखते हुए निदेशक, आई॰सी॰ए॰आर॰–अटारी, पटना द्वारा कहा गया कि इससे और अधिक किसान को जोड़ें और अधिक से अधिक पलास के पौधे पर इसका विस्तार करावें। इच्छुक किसानों को इस क्षेत्र में और अधिक निपुण बनाने के लिए प्रशिक्षण के लिए राँची भेजा जाय।

   कार्यान्वयन :– श्री संजय कुमार मंडल, वि॰व॰वि॰ (मृदा विज्ञान)

3. शुष्क भूमि वाले क्षेत्रों में आवश्यकता और संसाधन के अनुसार वागवानी और मशरूम उत्पादन को बढ़ावा दिया जाय। साथ ही अच्छे प्रभेद का पौधा तैयार करने का भी निदेश दिया गया।

कार्यान्वयन :– श्री अजय कुमार दास, वि॰व॰वि॰ (उद्यान)

4. निदेशक, आई॰सी॰ए॰आर॰–अटारी, पटना ने केन्द्र पर औषधीय पौधे का यूनिट स्थापित करने का निदेश दिया।

कार्यान्वयन :– श्री अजय कुमार दास, वि॰व॰वि॰ (उद्यान)

5. उप निदेशक प्रशिक्षण, बि॰कृ॰विश्व॰, सबौर ने आदिवासी उपयोजना के तहत योग्य किसानों के समूह को उपयोगी कृषि यंत्र उपलब्ध कराने का निदेश दिया।

कार्यान्वयन :– ई॰ रवि रंजन कुमार, वि॰व॰वि॰ (कृषि अभियंत्रण)

6. जैविक खाद की चर्चा के क्रम में मृदा वैज्ञानिक ने बताया कि केन्द्र पर आईसिनिया फोटिडा और जय गोपाल प्रभेद का केंचुआ उपलब्ध है। उत्पादित वर्मीकम्पोस्ट को किसानों को बेचा जाता है और प्रक्षेत्र में भी उपयोग होता है। इस पर निदेशक, आई॰सी॰ए॰आर॰–अटारी, पटना द्वारा निदेश दिया गया कि जय गोपाल प्रभेद अच्छा प्रभेद है, इससे तैयार वर्मीकम्पोस्ट अच्छी गुणवत्ता वाली होती है, इसलिए किसानों के बीच इसका भी प्रसार किया जाय।

कार्यान्वयन :– श्री संजय कुमार मंडल, वि॰व॰वि॰ (मृदा विज्ञान)

7. निदेशक, आई॰सी॰ए॰आर॰–अटारी, पटना द्वारा कुपोषण उन्मूलन कार्यक्रम का इम्पेक्ट स्टडी तैयार करने और विस्तृत डाटा को अगले प्रेजेन्टेशन में शामिल करने का निदेश दिया गया। इम्पेक्ट स्टडी में वर्णित करें कि कितना सब्जी/फल खाने से शरीर में कितना पोषक तत्व/उर्जा मिलता है। साथ ही इस कार्यक्रम का क्षेत्र विस्तार करने का भी निदेश दिया गया।

कार्यान्वयन :– श्री अजय कुमार दास, वि॰व॰वि॰ (उद्यान) एवं
डॉ॰ नेहा सिंह, वि॰व॰वि॰ (कृषि प्रसार)

8. सहायक निदेशक (पौधा संरक्षण) ने कीड़े को पकड़ने वाले फेरोमेनट्रेप का प्रसार करने की बात कही, जिसपर निदेशक ने फलदार पौधों और सब्जियों में इसका उपयोग करने के लिए किसानों को जागरूक करने का निदेश दिया।

कार्यान्वयन :– श्री अजय कुमार दास, वि॰व॰वि॰ (उद्यान)

9. सहायक निदेशक (पौधा संरक्षण) द्वारा स्प्रे मशीन में नोजल का उपयोग विषय पर प्रशिक्षण कराने की बात कही गयी, इस पर निदेशक द्वारा कृषि विज्ञान केन्द्र, बाँका में प्रशिक्षण कराने का निदेश दिया गया।

कार्यान्वयन :– ई॰ रवि रंजन कुमार, वि॰व॰वि॰ (कृषि अभियंत्रण)

10. निदेशक, आई॰सी॰ए॰आर॰–अटारी, पटना ने निदेश दिया कि पूर्व से संचालित सामुदायिक पशु स्वास्य केन्द्र को और सुदृढ़ बनावें, इससे किसानों को काफी फायदा होगा।

कार्यान्वयन :– डॉ॰ संजीत कुमार, वि॰व॰वि॰ (पशु चिकित्सा विज्ञान)

11. समूह अग्रिम पंक्ति प्रत्यक्षण कार्यक्रम की चर्चा के क्रम में वरीय वैज्ञानिक एवं प्रधान ने बताया कि इस कार्यक्रम के द्वारा बाँका जिले में प्रथम बार मूँगफली की खेती करवायी गई है, जिसका परिणाम काफी सकारात्मक रहा। इस पर निदेशक, आई॰सी॰ए॰आर॰–अटारी, पटना द्वारा निदेशित किया गया कि इसका इम्पैक्ट स्टडी तैयार करें कि पूर्व से लगाये जा रहे फसल की अपेक्षा मूँगफली फसल के प्रत्यक्षण से किसानों को कितना लाभ प्राप्त हुआ।

कार्यान्वयन :– ई॰ रवि रंजन कुमार, वि॰व॰वि॰ (कृषि अभियंत्रण)
एवं डॉ॰ नेहा सिंह, वि॰व॰वि॰ (कृषि प्रसार)

2. DETAILS OF MICRO-FARMING SITUATIONS OF THE DISTRICT

2.1 Micro-farming situations

a) Characteristics

S. No.	Agro-Ecological situations (AES)	Existing Farming System (Crop+livestock+others)	Major soil types
1	**AES-I : Irrigated Fertile Alluvial Plain Zone (**Amarpur, Rajoun, Dhoraiya, Shambhuganj, Banka)	Rice-Wheat System (dominant in irrigated areas) Rice-Mustard-Greengram Rice-Chickpea Paddy-Vegetable systems (e.g., Potato, Cauliflower) Sugarcane-based systems in specific pockets **Livestock** Dairy farming (Cattle and Buffalo) Goat and Poultry rearing (common in small/marginal holdings)	Soil Type- Clay loam
2	**AES-II : Semi-Undulating Transitional Zone (**Barahat, Belhar, Fullidumar)	Maize-Wheat-Mungbean **Upland crops:** Maize + Arhar (intercropping) Groundnut / Niger / Upland rice Horsegram- Greengram Maize- Mustard **Lowland crops:** Rice → Wheat / Lentil / Chickpea Rice → Mustard Livestock Goatery is prominent (Black Bengal goats) Backyard poultry (desi/local breeds) Cattle and buffalo rearing, mostly indigenous breeds Pig rearing (in tribal areas)	Soil Type- sandy clay loam
3	**AES-III : Hilly Forested Rainfed Zone(**Bounsi (Bausi), Chandan, Katoria)	Subsistence & forest-based farming Millets, maize, pulses, horsegram • Mixed cropping under rainfed conditions Tasar sericulture and collection of NTFPs (Mahua, Kendu, Sal leaves) **Livestock Systems:** • Goat rearing (major livelihood) • Backyard poultry	Red lateritic, gravelly soils

		• Small indigenous cattle • Pig rearing in tribal communities **Other Enterprises:** • Lac cultivation, fuelwood collection, minor forest produce	

b) Land Characteristics

S.No	Agro-Ecological Situation (AES)	Topography	Drainage
1.	AES-I : Irrigated Fertile Alluvial Plain Zone	Plain & fertile lowland	Moderate to poor, waterlogging in low-lying areas during monsoon
2.	AES-II : Semi-Undulating Transitional Zone	Undulating plains & medium upland	Moderately well-drained, but waterlogging may occur in low-lying areas
3.	AES-III : Hilly Forested Rainfed Zone	Hilly uplands & forested terrain	Excess runoff due to sloping land; generally well-drained uplands, while valley bottoms may experience seasonal water accumulation during monsoon

c) AES-wise major problems

S.No	Agro-Ecological Situation (AES)	Major problems	Rank
1.	AES 1	Water stagnation in poorly drained fields 7 - Declining soil fertility due to intensive rice-wheat cropping 5 - Overuse of chemical fertilizers 4 - Depleting groundwater in some pockets 1 - Weed infestation 3 - Limited mechanization due to fragmented land holdings 2 -Seasonal waterlogging problems 6	
2.	AES 2	Undulating terrain leads to runoff and erosion 7 - Poor soil fertility 4 - Water scarcity due to low groundwater retention 1 - Limited irrigation infrastructure 2 - Low input use and crop productivity 6 - Limited mechanization due to fragmented land holdings 5 -Moisture stress during dry spells 3 -Poor rural connectivity and market access 8	
3.	AES 3	-Severe soil erosion on sloping lands 1 • Rainfed agriculture with high monsoon dependency 2 • Low soil depth and poor nutrient status 3 • Low crop productivity and frequent drought stress 4 • Limited access to modern agricultural technology 7 • Forest degradation and declining biomass availability 6 • Small and fragmented tribal landholdings 5	

2.2. Area, Production and Productivity of major crops cultivated in the district (2025)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)	Yield gap (q/ha) with respect to demo of last year	Yield gap (q/ha) with respect to potential yield
Kharif						
1	Paddy	99803	341825.27	34.25	+5.63	-10.75
2	Maize	838	3245.57	38.73		-11.27
3	Pigeon pea	789	790.57	10.02		-14.98
4	Horse Gram	210	192.57	9.17		-5.83
Rabi						
5	Wheat	37697	94242.50	25.00	+8.22	-35
6	Chick Pea	2261	1614.35	7.14		-12.86
7	Lentil	7644.70	5809.97	7.60		-10.4
8	Mustard	5098	4348.59	8.53	+5.14	-16.47
9	Maize	2521	12209.20	48.43		-21.57
Summer						
	Maize	1435	7505.0	52.30		-20.00
	Green Gram	1623	1201.0	7.4		-10.6
10	• Mango	6500	52103.18	8.01		
11	• Lime and Lemon	505	3333.00	6.60		
12	• Citrus	700	6500.00	9.28		
13	• Guava	300	2500.00	8.33		
14	• Banana	410	15067.5	36.75		
15	• Potato	4900	125700	25.65		
16	• Tomato	600	13300	22.16		

Source: District agriculture department.

2.3. Weather data (2025-26)

Year	Month	Rainfall (mm)	Temperature ^{0}C		Relative Humidity (%)	
			Maximum	Minimum	Maximum	Minimum
2023	January-2023	0.00	20.2	9.5	80	88
	February-2023	0.00	24.4	10.2	65	75
	March-2023	17.24	34.4	16.9	50	60
	April-2023	11.14	39.7	23.9	45	55
	May-2023	37.15	36.8	24.5	55	70
	June-2023	67.42	36.5	25.8	65	78
	July-2023	116.30	34.8	25.5	78	90
	August-2023	250.04	34.0	24.8	80	92
	September-2023	285.64	32.7	23.2	75	88
	October-2023	108.20	31.1	19.5	65	78
	November-2023	0.00	27.9	13.1	60	72
	December-2023	12.98	24.2	9.3	70	85
2024	January-2024	0.00	21.7	9.0	70	78
	February-2024	0.00	25.5	11.2	60	72
	March-2024	0.00	35.5	15.5	50	60
	April-2024	0.00	40.3	24.75	45	55
	May-2024	73.77	37.5	25.0	50	65
	June-2024	39.76	37.0	25.0	65	75
	July-2024	312.32	35.2	27.5	78	88
	August-2023	236.62	36.5	26.5	80	90
	September-2024	268.54	34.0	25.0	75	85
	October-2024	47.40	32.35	18.5	65	78
	November-2024	0.00	28.5	14.5	60	72

	December-2024	0.00	25.0	9.5	68	78
2025	January-2025	0.00	27	9	80	72
	February-2025	0.00	30	13	75	65
	March-2025	1.65	36	15	60	50
	April-2025	80.60	43	21	55	45
	May-2025	58.31	41	22	65	45
	June-2025	189.18	42	25	70	60
	July-2025	251.62	38	26	85	75
	August-2025	203.51	35	25	80	88
	September-2025	3.62	35	26	85	78
	October-2025	65.31	34	22	78	70
	November-2025	0.00	31	15	72	65
	December-2025	0.00	26	10	75	68
Total		**2738.32**				

2.4 Production and productivity of livestock, Poultry, Fisheries etc. in the district (2025)

Category	Population	Production	Productivity	Productivity gap
Cattle				
Buffalo	109430	347540 ton milk	3180 kg/ buffalo	500–1200 kg
Cattle				
Crossbred	71546		2500 kg/cow	
Indigenous	647590		600 kg/cow	900 kg/cow(vs crossbred potential)
Sheep	8891	Meat (est.) 120–180 tonnes	10–15 kg meat/sheep	5–8 kg gap)
Goats	438999	Meat (est.) 4000–5000 tonnes	8–12 kg meat/goat	3–6 kg/goat(improved breeds: 12–18 kg)
Pigs	26384	1600–2000 tonnes meat	60–80 kg/pig	20–40 kg/pig (improved breeds reach 100 kg)
Poultry				
Hens	198551	8–12 million eggs/year	40–80 eggs/hen	100–200 eggs/hen (improved poultry: 180–280 eggs)
Desi				
Category		**Production (q)**	**Productivity**	
Fish (Reservoir)				

*Statical report

2.5 Details of Operational area / Villages

Taluka	Name of the block	Name of the village	Major crops & enterprises	Existing yield (q/ha, number/year)	Major problem identified	Identified Thrust Areas
Banka	Chandan	Bangalgarh	Paddy, Wheat	28,23q/ha	Water Scarcity, low soil fertility, infestation of insects in pulses like Pod borer + wilt	Water Management, IPM, Soil Health management
		Sato	Paddy, Wheat, Green Gram	27,24,4 q/ha		
		Chandipira	Paddy, Wheat, Green Gram	29,23,7 q/ha		
	Katoriya	Kusumdih	Paddy, Wheat, Horse gram	30,21,4 q/ha	Poor water retention in soil, Rainfed agriculture, and After kharif, much land remains unused	Rainfed Agriculture , Soil Health management, Crop Diversification
		Domadih	Paddy, Wheat, Horse gram	29,24,3.5q/ha		
		Amagachi	Paddy, Wheat, Green gram	31,22,6q/ha		
		Nawadih	Paddy, Wheat, Green gram	27,21,4 q/ha		
		Maheshmara	Paddy, Wheat, Mustard, Maize	27,21,8,52 q/ha		
	Banka	Bhoga	Paddy, Wheat, Mustard, Maize	36,23,8,45 q/ha	Delayed sowing of Paddy, Fall armyworm in maize, lack of irrigation facilities, fragmented land holdings	Cropping system, IPM, Water Management
		Jhirwa	Paddy, Wheat, Mustard, Maize	38,24,9, 48 q/ha		
		Ambedkar Nagar	Paddy, Wheat, Mustard, Maize	38,26,8,42q/ha		

2.6 Top five major priority thrust areas:

i. Integrated Nutrient Management

ii. RCT

iii. Integrated Pest Management

iv. Crop production

v. Milk production & Disease management

vi. Feed & Fodder management

3. TECHNICAL PROGRAMME

3 A. Details of targeted mandatory activities by KVK

OFT		FLD		
(1)		(2)		
Number of OFTs	Number of Farmers	Area (ha)	No of enterprises	Number of Farmers
08	72	22.5	2	185

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
87	2175	20	7500

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Soil Samples
(5)	(6)	(7)	(8)
245	100000	-	1100

3 B. Abstract of interventions to be undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1	Disease Prevention	Cow	Mastitis	Assessment of teat dipping solution to Improve udder health in Dairy animal		Prevention and management of viral diseases of poultry, Prevention and management of viral diseases of cattle			Providone Iodine (10%) Lactic acid (3.5%) -Teat Dip cup-.& CMT kit
2	Feed Management	Cow	Low milk yield	Assessment of supplementation of Lime stone powder and Di Calcium Phosphate on milk production of Straw based fed indigenous dairy animal.		Feeding management of goat, Feeding management of pigs			Dewormer, Lime stone powder, DiCalcium Phosphate
3	Fodder Management	Cow and Goat	Low fodder production	-	Demonstration of improve variety of fodder		Perennial fodder production, Silage Making		Sorghum seed
4	Integrated Nutrient Management	Local Katarni Paddy, Chickpea	Low yield due to nutrient deficiency in soil	Assessment of yield of Local Katarni rice by application of Zinc and Iron in soil	Demonstration of rhizobium and PSB in Chickpea	Integrated nutrient management in vegetables crops, Nutrient management in timely sown Paddy crop	INM for Nursery Management		Micronutrients
5	RCT	Wheat	High cost of cultivation		Demonstration of zero tillage machine in wheat crop	Fuel saving in agriculture, Sowing of green gram through Zero tillage machine			Seed

6	Integrated Pest Management	Okra	Insects attack the crop both in vegetative and reproductive stage which results in uneconomical and low market price of the vegetable		Demonstration of insecticide to manage fruit and shoot borer in okra.	Pest and disease management in orchard, Disease and pest management of fruits crops			Emamactin Benzoat @ ½ gm/lt.
7	Crop production	Paddy, Biofortified Wheat	(i) LowYield, (ii) Malnutrition is a main problem in children		Demonstration of drought tolerant variety of paddy (Sabour harshit) (ii) Demonstration of Bio-fortified wheat (BHU-31)	Scientific cultivation and management of zaid vegetable, Sowing of green gram through Zero tillage machine			Seed

3.1 Technologies to be assessed

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	-	-	-	-	-	-	-	-	-	-
Seed / Plant production										
Weed Management					1					1
Integrated Crop Management										
Integrated Nutrient Management	2									2
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries	1									1
Value addition										
Integrated Pest Management										
Integrated Disease Management										
Resource conservation technology					1					1
Small Scale income generating enterprises					1					1
TOTAL	**3**				**3**					**6**

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

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Vermi culture	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management								
Disease of Management	1							1
Value Addition								
Production and Management								
Feed and Fodder	1							1
Small Scale income generating enterprises								
TOTAL	**2**							**2**

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

OFT-1 (Soil Science)

Crop	Local Katarni Paddy
Season	Kharif
Main problem	Low yield due to nutrient deficiency in soil
Main cause	Fixation of micro nutrient in soil
Title of OFT	**Assessment of yield of Local Katarni rice by application of Zinc and Iron in soil**
Farming situation	Sandy clay loam, Medium, irrigated
Thematic area	Nutrient Management
Farmer practice	T1: 8 kg N+23 kg P_2O_5+ 15 kg MOP Full dose of P_2O_5 and half dose of MOP applied at the time of puddling and rest dose MOP and full dose of N at the time of 65 DAT. Seed rate- 30 kg/ha
Technology option selected for assessment	T2: RDF(40:30:20 kg::N:P:K/ha), Seed rate- 20 kg/ha T3: RDF(40:30:20 kg::N:P:K/ha + Soil Application of $ZnSO_4$ @25kg/ ha) + $FeSO_4$ @ 25kg/ha, Seed rate- 20 kg/ha
Source of technology	BAU, Sabour, 2020
No. of trial	10
Detail of critical input	Micronutrients
Cost of individual critical input	1000
Total cost of critical input	10000
Performance indicator to be recorded	Yield and Economics, soil parameter and zinc and iron availability in rice

OFT- 02 (Soil Science)

Crop	Wheat (Var. DBW-187)
Season	Rabi
Main problem	Low productivity of crop
Main cause	Poor Nutrient Management
Title of OFT	**Assessment of Integrated Nutrient Management on growth parameters and yield of wheat**
Farming situation	Sandy clay loam, Medium, irrigated

Thematic area	Nutrient Management
Farmer practice	T1: Applied (150:60:40 kg::N:P:K/ha) through chemical fertilizer at RDF (Split nitrogen application 50% basal +50% top dressing for better nutrient use efficiency)
Technology option selected for assessment	T2: 75% RDF + 37.5% N through FYM +PSB (Seed treatment with Azotobacter @ 10ml/ kg seed) T3: 100% RDF+ 25% N through Vermicompost + $ZnSO_4$ @ 25kg/ha as basal application + Azotobacter + PSB, Seed treatment 10ml/kg seed
Source of technology	CS Azad Agricultural University, Kanpur
No. of trial	10
Detail of critical input	Seed and Biofertilizer
Cost of individual critical input	2000
Total cost of critical input	20000
Performance indicator to be recorded	Yield and Economics, Soil parameters

OFT- 03 (Agril. Engg.)

Crop	**Paddy**
Season	Kharif
Main problem	High Threshing cost, Delay in Threshing
Main cause	Scarcity of labour during peak season
Title of OFT	**Assessment of different threshing machine for paddy threshing**
Farming situation	Sandy clay loam, Medium, irrigated
Thematic area	Post Harvest Management
Farmer practice	Threshing by hand beating
Technology option selected for assessment	T1: Threshing by peddle operated thresher T2: Threshing by power operated thresher
Source of technology	BCKV, Nadia, West Bengal, 2018
No. of trial	10
Detail of critical input	peddle operated thresher
Cost of individual critical input	-
Total cost of critical input	15000
Performance indicator to be recorded	Threshing efficiency(%), Grain loss(%), Damaged grain(%), Output Capacity (Kg/hr.), Labour Saving (%)

OFT- 04 (Animal Science)

Animal	Cow
Season	-
Main problem	High incidence of clinical mastitis and Decrease milk yield, Low economic return
Main cause	Infectious agents and management practices stressing the defence of udder
Title of OFT	**Assessment of teat dipping solution to Improve udder health in Dairy animal**
Farming situation	
Thematic area	Milk production and Disease Management

Farmer practice	T1: Water cleaning of udder before milking
Technology option selected for assessment	T2: Providone lodine (10%) Teat Dip solutions (teat dipping for first 60 days of calving) T3: Lactic acid (3.5%) Teat Dip solutions (teat dipping for first 60 days of calving)
Source of technology	College of Veterinary Science & Animal Husbandry, Kamdhenu University, Junagadh, Gujarat, India
No. of trial	6
Detail of critical input	Teat dipping (Providone lodine (10%) and Lactic acid (3.5%) solution and Teat Dip cup
Cost of individual critical input	Providone lodine (10%) - Rs. 500 per lit. and Lactic acid (3.5%) -Rs.500per lit) solution and Teat Dip cup-Rs.200per pc.& CMT kit -Rs.1000
Total cost of critical input	10,000.00
Performance indicator to be recorded	(i) Udder condition, Milk Colour, Milk pH, (ii) B. C. Ratio and (iii) Subclinical mastitis%

OFT- 05 (Animal Science)

Animal	Cow
Season	-
Main problem	Low milk production
Main cause	Paddy straw is main roughage of diary animals. Paddy straw having Oxalate which chelate Calcium and increase the requirement of Calcium and in absence of calcium it also inhibit carbohydrate metabolism
Title of OFT	**Assessment of supplementation of Lime stone powder and Di Calcium Phosphate on milk production of Straw based fed indigenous dairy animal.**
Farming situation	
Thematic area	Feed management
Farmer practice	T_1:Grains+ Straw
Technology option selected for assessment	T_2 : Farmers practice + 30 g Lime stone powder/day for 3 month T_3: Farmers practice + 30 g DCP/day for 3 month
Source of technology	NDRI, Karnal
No of trial	6
Detail of critical input	Dewormer, Lime stone powder, DiCalcium Phosphate
Cost of individual critical input	1000
Total cost of critical input	6000
Performance indicator to be recorded	(i) Milk Yield & Fat%, SNF, (ii) Days of Postpartum heat, (iii) Cost of milk production, Net return (Rs/kg milk production), BC Ratio,

OFT- 06 (Horticulture)

Crop	Tomato
Season	Rabi
Main problem	Low yield and poor quality of tomato
Main cause	Farmer use flood irrigation which leads to stunted growth of plants also excess emergence of weeds
Title of OFT	**Assessment of different mulching media for enhancing yield and quality of tomato.**
Farming situation	Heavy loam and irrigated soil
Thematic area	Resource Management
Farmer practice	T1 - No use of mulch
Technology option selected for assessment	T2 - Black plastic mulch T3 - Straw mulch
Source of technology	BAU, Sabour
No. of trial	10 (0.4ha)
Detail of critical input	Different mulching material
Cost of individual critical input	Rs. 1500/-
Total cost of critical input	Rs. 15,000/-
Performance indicator to be recorded	i) Technical indicator: Plant height(cm), Days to 50% flowering, Days to 50% fruiting, No. of primary branches per plant, Number of flowers per cluster, Number of fruits per cluster, Fruit set % (Number of flowers per cluster/Number of fruit per cluster), fruit weight(gm), marketable fruit yield(q/ha) ii) Economic indicator: Cost of cultivation, Gross return, Net return, B:C ratio iii) Farmer perception

OFT- 07 (Horticulture)

Crop	Onion
Season	Rabi
Main problem	Reduction yield and quality
Main cause	More weed infestation, Farmer use manual weeding which is time consuming and enhances cost of cultivation.
Title of OFT	**Assessment of different weedicides for economical yield of onion**
Farming situation	Soil type-Sandy clay loam, land type-Medium, irrigation type -rainfed season- rabi , previous crop-paddy
Thematic area	Crop Cultivation, IWM
Farmer practice	T1-Manual weeding
Technology option selected for assessment	T2 - Oxyfluorfen (goal) 23.5%EC@0.15 kg ai./ha T3 - Pretilachlor @1 litre/ha
Source of technology	Bihar Agricultural University, Sabour, Bhagalpur
No. of trial	10
Detail of critical input	Seed, weedicide

Cost of individual critical input	1000
Total cost of critical input	10000
Performance indicator to be recorded	Weed density (no/m^2), weed control efficiency %, neck thickness (cm), bulb diameter (cm), Plant height (cm) and yield (q/ha)

OFT-08 (Extension)

Title of OFT	**Impact Assessment of Malnutrition Programme Implemented by KVK, Banka in Tribal Communities**
Objective	• To evaluate the impact of the malnutrition programme on dietary practices.
Thematic area	Capacity Development
Source of technology	BAU, Sabour
Study Area:	Selected tribal villages of Bsanka district, Bihar
Sampling	Purposive sampling of beneficiary households (50 families)
Data Collection:	• Structured interview schedule • Secondary data from KVK records
Data Analysis:	• Descriptive statistics (percentage, mean) • Comparison before and after programme
Performance indicator to be recorded	• Awareness about balanced diet • Consumption of green leafy vegetables, pulses, milk, etc. • Child and maternal nutrition status (BMI, Hb) • % of Adoption of kitchen gardens / nutrition gardens • Frequency of illness

3.2 Frontline Demonstrations

A. Details of FLDs to be organized -

Sl. No.	Crop	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/ demon.	Parameters identified (Yield related attributes, yield economics and farmers' perception
1	Chickpea	Nutrient Management	Rhizobium and PSB @ 10 ml/ kg seed and seed rate @ 80 kg/ha	Rhizobium and PSB	Rabi, 2026	2	10	(I) Technical indicator- Saving of fertilizer (kg) 100 grain weight, yield (q/ha), (II) Economic indicator – cost of cultivation, gross return, net return, B:C ratio (III) Farmer Feedback-
2	Lentil	Nutrient Management	Rhizobium & PSB @ 10ml/ kg seed and seed rate @ 30 kg/ha	Rhizobium & PSB	Rabi, 2026	2	10	(I) Technical indicator- Saving of fertilizer (kg) 1000 grain weight, yield (q/ha), (II) Economic indicator – cost of cultivation, gross return, net return, B:C ratio (III) Farmer Feedback-
3	Paddy	Crop Production	Var. Sabour Harshit, Seed rate-25kg/.ha, seed treatment with Carbendazim @ 2.5g/ seed, weedicide	Seed	Kharif, 2026	2	10	(I) Technical indicator- 1000 grain weight, yield (q/ha), (II) Economic indicator – cost of cultivation, gross return, net return, B:C ratio (III) Farmer Feedback-
4	Bio-fortified Wheat	Crop Production	Bio-fortified (BHU-31) Seed rate-120kg/ha , seed treatment with carbendazim @ 2.5g/ kg seed, weedicide and Fertilizer application- 120 kg N/ ha+ 60 kg P/ha+ 40kg K/ha	Seed	Rabi, 2026	10	30	(I) Technical indicator- 1000 grain weight, yield (q/ha), (II) Economic indicator – cost of cultivation, gross return, net return, B:C ratio (III) Farmer Feedback-
5	Wheat	RCT	Sowing of wheat through zero tillage machine	Seed	Rabi, 2026	5	15	(I) Technical indicator- no. of labour saving, saving of cost (Rs./ha), yield (q/ha) (II) Economic indicator – cost of cultivation, gross return, net return, B:C ratio (III) Farmer Feedback-
6	Poultry	Poultry Production	Vaccinated One week old Sonali chicks that may be produce 150-200 eggs per year	-	2026	750 chicks	30	(I) Technical indicator- egg production/year (II) Economic indicator – cost of cultivation, gross return, net return, B:C ratio (III) Farmer Feedback-
7	Fodder	Fodder Production	Fodder seed (sorghum, Anant variety-CSV 33 MF) First cut in 60 to 65 days and subsequent	Seed	2026	2	40	(I) Technical indicator- fodder yield (q/ha) (II) Economic indicator -cost of cultivation, gross return, net return, B:C ratio

			cut every 45 days (5 to 7 cuts in a year), total fodder production 1000 to 1040q per ha					(III) Farmer Feedback-
8	Okra	IPM	Chloropyriphos 2 ml/lt	Seed	Summer 2026	1	20	Fruit damage%, Infected plant % and yield economics
9	Onion	IPM	Farmer use generally Propenophas@ 1ml/lit	Seed	Summer 2026	0.5	20	Minimum bulb damage%, Marketable yield (q/ha), Economics
				Total		**22.5**	**205**	

Sponsored Demonstration

Crop	Area (ha)	No. of farmers

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Farmers Training	15		450
2	Field days	9		450
3	Media coverage	20		Mass
4	Training for extension functionaries	4		120

C. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators
Zero tillage machine	Wheat	Rabi 2026	15	5 ha	Seed	Technical indicator- Manpower Saving Field capacity and efficiency of m/c, yield attribute Economic indicator - Cost of cultivation, Gross return, Net return, B:C ratio

(ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. etc.	Critical inputs	Performance parameters / indicators
Backyard Poultry	Sonali chicks	30	750	Chicks	Technical indicator- egg production/year Economic indicator – cost of cultivation, gross return, net return, B:C ratio

Details of all FLD

FLD- 01 (Soil Science)

Title of FLD	**Demonstration of rhizobium and PSB in Chickpea**		
Season & Year	Rabi , 2026		
Main Problem	Degradation of soil health		
Main cause of problem	More use of synthetic fertilizer		
Full detail of farmer's Practice	No use of biofertilizer and seed rate @ 100 kg//ha		
Full detail of technology to be demonstrated	Rhizobium and PSB @ 10 ml/ kg seed and seed rate @ 80 kg/ha		
Source of Technology with year	BAU, Sabour, 2020		
Name of the Technology	Production technology of liquid biofertilizer		
Thematic area	Nutrient Management		
Name of villages	Bhanubasar, Gauripur, naraindih		
Farming situation	Soil type-Sandy clay loam, land type-Medium, irrigation type -rainfed season- rabi , previous crop-paddy		
Area (ha)/Unit (No.)	2 ha	No. of farmers	10
Performance indicator	• Technical indicator- Saving of fertilizer (kg) 100 grain weight, yield (q/ha), • Economic indicator – cost of cultivation, gross return, net return, B:C ratio • Farmer Feedback-		

FLD- 02 (Soil Science)

Title of FLD	**Demonstration of rhizobium and PSB in lentil**		
Season & Year	Rabi , 2026		
Main Problem	Degradation of soil health		
Main cause of problem	More use of synthetic fertilizer		
Full detail of farmer's Practice	No use of biofertilizer and seed rate 50kg/ha		
Full detail of technology to be demonstrated	Rhizobium & PSB @ 10ml/ kg seed and seed rate @ 30 kg/ha		
Source of Technology with year	BAU, Sabour, 2020		
Name of the Technology	Production technology of liquid biofertilizer		
Thematic area	Nutrient Management		
Name of villages	Aikakura, lalpur,sato		
Farming situation	Soil type-Sandy clay loam, land type-Medium, irrigation type -rainfed season- rabi , previous crop-paddy		
Area (ha)/Unit (No.)	2 ha	No of farmers	10
Performance indicator	• Technical indicator- Saving of fertilizer (kg) 1000 grain weight, yield (q/ha), • Economic indicator – cost of cultivation, gross return, net return, B:C ratio • Farmer Feedback-		

FLD- 03

Title of FLD	**Demonstration of drought tolerant variety of paddy (Sabour harshit)**		
Season & Year	Kharif, 2026		
Main Problem	Low Yield		
Main cause of problem	Scarcity of water		
Full detail of farmer's Practice	Farmers are growing local and long duration varieties of paddy (Sourav Sita, Mugda, BM Sar), Seed rate @ 40 kg/ha, Fertilizer Application- 150 kg N/ ha+ 70 Pkg/ha		
Full detail of technology to be demonstrated	Var. Sabour Harshit, Seed rate-25kg/.ha, seed treatment with Carbendazim @ 2.5g/ seed, weedicide.		
Source of Technology with year	BAU, Sabour, 2018		
Name of the Technology	Cultivation of drought tolerant variety of paddy		
Thematic area	Crop production		
Name of villages	Salaiya, Sato, Amagachhi		
Farming situation	Soil type-Sandy clay loam, land type-Upland, irrigation type -rainfed, season- kharif, previous crop-Pulse		
Area (ha)/Unit (No.)	2 ha	No. of farmers	10
Performance indicator	• Technical indicator- 1000 grain weight, yield (q/ha), • Economic indicator – cost of cultivation, gross return, net return, B:C ratio • Farmer Feedback-		

FLD- 04

Title of FLD	**Demonstration of Bio-fortified wheat (BHU-31)**		
Season & Year	Rabi, 2026		
Main Problem	Malnutrition is a main problem in children		
Main cause of problem	Farmers are not using Bio-fortified crop variety		
Full detail of farmer's Practice	Farmers are growing local and varieties (Sri Ram, Ganga Kaberi) of wheat, Seed rate- 150kg/ha, Fertilizer application- 150 kg N/ ha+ 70 kg P/ha		
Full detail of technology to be demonstrated	Bio-fortified (BHU-31) Seed rate- 120kg/ha , seed treatment with carbendazim @ 2.5g/ kg seed, weedicide and Fertilizer application- 120 kg N/ ha+ 60 kg P/ha+ 40kg K/ha		
Source of Technology with year	BHU, 2021		
Name of the Technology	Cultivation of Bio-fortified wheat (BHU-31)		
Thematic area	Crop production		
Name of villages	Aikakura, Lalpur, Sato		
Farming situation	Soil type-Sandy clay loam, land type-Medium, irrigation type -tubwell, season- rabi, previous crop-paddy		
Area (ha)/Unit (No.)	10 ha	No of farmers	30
Performance indicator	• Technical indicator- 1000 grain weight, yield (q/ha), • Economic indicator – cost of cultivation, gross return, net return, B:C ratio • Farmer Feedback-		

FLD- 05

Title of FLD	**Demonstration of zero tillage machine in wheat crop**		
Season & Year	Rabi, 2026		
Main Problem	High cost of cultivation		
Main cause of problem	More ploughing		
Full detail of farmer's Practice	Broadcasting sowing of wheat		
Full detail of technology to be demonstrated	Sowing of wheat through zero tillage machine		
Source of Technology with year	DRPCAU, Pusa		
Name of the Technology	Sowing of wheat by zero tillage machine		
Thematic area	RCT		
Name of villages	Gharchappa, Lakshnadih, Mukunda and Chandipida		
Farming situation	Soil type-Sandy clay loam, land type-Medium, irrigation type -rainfed season- rabi , previous crop-paddy		
Area (ha)/Unit (No.)	5 ha	No. of farmers	15
Performance indicator	• Technical indicator- no. of labour saving, saving of cost (Rs./ha), yield (q/ha) • Economic indicator – cost of cultivation, gross return, net return, B:C ratio • Farmer Feedback-		

FLD- 06 (Animal Science)

Title of FLD	**Demonstration of improve variety of backyard poultry (Sonali)**		
Season & Year	2025		
Main Problem	Low yield of egg productions		
Main cause of problem	Local variety of poultry		
Full detail of farmer's Practice	Rearing local variety of poultry that produce 60-70 eggs per year		
Full detail of technology to be demonstrated	Vaccinated One week old Sonali chicks that may be produce 150-200 eggs per year		
Source of Technology with year	ICAR- CARI, 1992		
Name of the Technology	Scientific rearing of improve variety of chicks		
Thematic area	Poultry Production		
Name of villages	Dharhabari, Hirankhori		
Farming situation	Rearing of poultry with improper feeding and without vaccination		
Area (ha)/Unit (No.)	750 chicks	No. of farmers	30
Performance indicator	• Technical indicator- egg production/year • Economic indicator – cost of cultivation, gross return, net return, B:C ratio • Farmer Feedback-		

FLD- 07 (Animal Science)

Title of FLD	**Demonstration of improve variety of fodder**		
Season & Year	2026		
Main Problem	Low fodder production		
Main cause of problem	Cultivate single cut local variety of fodder		
Full detail of farmer's Practice	Use available grass in fallow land and single cut local variety of fodder		
Full detail of technology to be demonstrated	Fodder seed (sorghum, Anant variety-CSV 33 MF) First cut in 60 to 65 days and subsequent cut every 45 days (5 to 7 cuts in a year), total fodder production 1000 to 1040q per ha		
Source of Technology with year	Tamil Nadu Agricultural University 2017		
Name of the Technology	Scientific cultivation of Anant variety of Sorghum fodder		
Thematic area	Fodder Production		
Name of villages	Lowgain, Ushtigora		
Farming situation	Soil type-Sandy clay loam, land type-Medium, irrigation type -rainfed		
Area (ha)/Unit (No.)	2 ha	No. of farmers	40
Performance indicator	• Technical indicator- fodder yield (q/ha) • Economic indicator -cost of cultivation, gross return, net return, B:C ratio • Farmer Feedback-		

FLD- 08 (Horticulture)

Title of FLD	**Demonstration of insecticide to manage fruit and shoot borer in okra.**		
Season & Year	Summer		
Main Problem	Insects attack the crop both in vegetative and reproductive stage which results in uneconomical and low market price of the vegetable		
Main cause of problem	Farmers cultivate bhindi in large area for better price and sale in distant market. Farmer use some chemicals against pest many time resulting high cost of cultivation.		
Full detail of farmer's Practice	Chloropyriphos 2 ml/lt		
Full detail of technology to be demonstrated	Emamactin Benzoat @ ½ gm/lt.		
Source of Technology with year	Allahabad Agricultural University, 2018		
Name of the Technology	Emamactin Benzoat @ ½ gm/lt.		
Thematic area	IPM		
Name of villages	Chutiya and Belatikar		
Farming situation	Soil type-Sandy clay loam, land type-Medium, irrigation type -rainfed season- rabi , previous crop-paddy		
Area (ha)/Unit (No.)	1ha	No. of farmers	20
Performance indicator	Fruit damage%, Infected plant % and yield economics		

FLD- 09 (Horticulture)

Title of FLD	**Management of onion thrips**		
Season & Year	Summer, 2026		
Main Problem	Thrips damage the leaf and bulbs also damage whole plants		
Main cause of problem	Onion damage by thrips		
Full detail of farmer's Practice	Farmer use generally Propenophas@ 1ml/lit		
Full detail of technology to be demonstrated	Imidachloropid 17.8 SL @ 1ml/lit		
Source of Technology with year	BAU, Sabour, 2017		
Name of the Technology	Imidachloropid 17.8 SL @ 1ml/lit		
Thematic area	IPM		
Name of villages	Ambedkar nagar and Jhirwa		
Farming situation	Soil type-Sandy clay loam, land type-Medium, irrigation type -rainfed season- rabi , previous crop-paddy		
Area (ha)/Unit (No.)	0.5ha	No. of farmers	20
Performance indicator	Minimum bulb damage%, Marketable yield (q/ha), Economics		

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

A) ON Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management								
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification								
Site specific nutrient management								
Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management								
Fodder production								
Production of organic inputs								
Natural farming	2	14	6	20	20	10	30	50
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	1	7	3	10	10	5	15	25
Off-season vegetables								
Nursery raising								
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)	2	14	6	20	20	10	30	50
Natural farming								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit								
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								

d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology	2	14	6	20	20	10	30	50
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology	1	7	3	10	10	5	15	25
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management	1	7	3	10	10	5	15	25
Production and use of organic inputs	2	14	6	20	20	10	30	50
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing	1	7	3	10	10	5	15	25
IV Livestock Production and Management								
Dairy Management	2	14	6	20	20	10	30	50
Poultry Management								
Piggery Management								
Rabbit Management/goat								
Disease Management	1	7	3	10	10	5	15	25
Feed management	1	7	3	10	10	5	15	25
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								

Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	1	7	3	10	10	5	15	25
Use of Plastics in farming practices								
Production of small tools and implements	1	7	3	10	10	5	15	25
Repair and maintenance of farm machinery and implements	2	14	6	20	20	10	30	50
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management								
Integrated Disease Management								
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production								
Organic manures production								

Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SHGs/FPOs etc								
Mobilization of social capital								
Entrepreneurial development of farmers/youths	1	7	3	10	10	5	15	25
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
XII Others (Pl. Specify)								
TOTAL	**21**	**147**	**63**	**210**	**210**	**105**	**315**	**525**
(B) RURAL YOUTH								
Mushroom Production	1	7	3	10	10	5	15	25
Bee-keeping	1	7	3	10	10	5	15	25
Integrated farming								
Seed production	1	7	3	10	10	5	15	25
Production of organic inputs	1	7	3	10	10	5	15	25
Integrated Farming (Medicinal)								
Planting material production	1	7	3	10	10	5	15	25
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements	2	14	6	20	20	10	30	50
Nursery Management of Horticulture crops	1	7	3	10	10	5	15	25
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying	1	7	3	10	10	5	15	25
Sheep and goat rearing	1	7	3	10	10	5	15	25
Quail farming								
Piggery	1	7	3	10	10	5	15	25
Rabbit farming								
Poultry production	1	7	3	10	10	5	15	25
Ornamental fisheries								
Para vets								

Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
Lac Production								
TOTAL	**12**	**84**	**36**	**120**	**120**	**60**	**180**	**300**
(C) Extension Personnel								
Productivity enhancement in field crops	1	7	3	10	10	5	15	25
Integrated Pest Management								
Integrated Nutrient management	1	7	3	10	10	5	15	25
Rejuvenation of old orchards	1	7	3	10	10	5	15	25
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers	1	7	3	10	10	5	15	25
Capacity building for ICT application	1	7	3	10	10	5	15	25
Care and maintenance of farm machinery and implements	1	7	3	10	10	5	15	25
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production	2	14	6	20	20	10	30	50
Household food security								
Women and Child care								
Low cost and nutrient efficient diet designing								
Production and use of organic inputs	1	7	3	10	10	5	15	25
Gender mainstreaming through SHGs								
Any other (Nursery Management)	1	7	3	10	10	5	15	25
TOTAL	**10**	**70**	**30**	**100**	**100**	**50**	**150**	**250**
G. Total	**43**	**301**	**129**	**430**	**430**	**215**	**645**	**1075**

B) OFF Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management								
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification								
Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management								
Fodder production								
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	1	7	3	10	10	5	15	25
Off-season vegetables								
Nursery raising	2	14	6	20	20	10	30	50
Exotic vegetables like Broccoli								
Export potential vegetables	1	7	3	10	10	5	15	25
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)	1	7	3	10	10	5	15	25
b) Fruits								
Training and Pruning								
Layout and Management of Orchards	2	14	6	20	20	10	30	50
Cultivation of Fruit								
Management of young plants/orchards	2	14	6	20	20	10	30	50
Rejuvenation of old orchards	1	7	3	10	10	5	15	25
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								

Nursery management								
Production and management technology								
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management	2	14	6	20	20	10	30	50
Soil and Water Conservation								
Integrated Nutrient Management	4	28	12	40	40	20	60	100
Production and use of organic inputs								
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency	1	7	3	10	10	5	15	25
Soil and Water Testing	1	7	3	10	10	5	15	25
IV Livestock Production and Management								
Dairy Management	2	14	6	20	20	10	30	50
Poultry Management	1	7	3	10	10	5	15	25
Piggery Management								
Rabbit Management /goat								
Disease Management	4	28	12	40	40	20	60	100
Feed management	1	7	3	10	10	5	15	25
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	3	21	9	30	30	15	45	75
Use of Plastics in farming practices								
Production of small tools and implements	1	7	3	10	10	5	15	25
Repair and maintenance of farm machinery and implements	4	28	12	40	40	20	60	100
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management								
Integrated Disease Management								
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								

VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production (Horti.)								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production (Horti.)								
Organic manures production (A.S.)								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development	2	14	6	20	20	10	30	50
Group dynamics	1	7	3	10	10	5	15	25
Formation and Management of SHGs(HS)	1	7	3	10	10	5	15	25
Mobilization of social capital	2	14	6	20	20	10	30	50
Entrepreneurial development of farmers/youths (Agro)	4	28	12	40	40	20	60	100
WTO and IPR issues	1	7	3	10	10	5	15	25
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems (Agro)								
XII Others (Pl. Specify)								
TOTAL	**45**	**315**	**135**	**450**	**450**	**225**	**675**	**1125**

C) Consolidated table (ON and OFF Campus)

C) Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management								
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification								
Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management								
Fodder production								
Production of organic inputs								
Natural farming	2	14	6	20	20	10	30	50
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	2	14	6	20	20	10	30	50
Off-season vegetables								
Nursery raising	2	14	6	20	20	10	30	50
Exotic vegetables like Broccoli								
Export potential vegetables	1	7	3	10	10	5	15	25
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)	3	21	9	30	30	15	45	75
b) Fruits								
Training and Pruning								
Layout and Management of Orchards	2	14	6	20	20	10	30	50
Cultivation of Fruit								
Management of young plants/orchards	2	14	6	20	20	10	30	50
Rejuvenation of old orchards	1	7	3	10	10	5	15	25
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology	2	14	6	20	20	10	30	50
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology	1	7	3	10	10	5	15	25
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management	2	14	6	20	20	10	30	50

Soil and Water Conservation								
Integrated Nutrient Management	5	35	15	50	50	25	75	125
Production and use of organic inputs	2	14	6	20	20	10	30	50
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency	1	7	3	10	10	5	15	25
Soil and Water Testing	1	7	3	10	10	5	15	25
IV Livestock Production and Management								
Dairy Management	4	28	12	40	40	20	60	100
Poultry Management	1	7	3	10	10	5	15	25
Piggery Management								
Rabbit Management/goat								
Disease Management	5	35	15	50	50	25	75	125
Feed management	2	14	6	20	20	10	30	50
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	4	28	12	40	40	20	60	100
Use of Plastics in farming practices								
Production of small tools and implements	2	14	6	20	20	10	30	50
Repair and maintenance of farm machinery and implements	6	42	18	60	60	30	90	150
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management								
Integrated Disease Management								
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								

Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production								
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development	2	14	6	20	20	10	30	50
Group dynamics	1	7	3	10	10	5	15	25
Formation and Management of SHGs	1	7	3	10	10	5	15	25
Mobilization of social capital	2	14	6	20	20	10	30	50
Entrepreneurial development of farmers/youths	5	35	15	50	50	25	75	125
WTO and IPR issues	1	7	3	10	10	5	15	25
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
Sponsored training								
TOTAL	**65**	**455**	**195**	**650**	**650**	**325**	**975**	**1625**
(B) RURAL YOUTH								
Mushroom Production	1	7	3	10	10	5	15	25
Bee-keeping	1	7	3	10	10	5	15	25
Integrated farming								
Seed production	1	7	3	10	10	5	15	25
Production of organic inputs	1	7	3	10	10	5	15	25
Integrated Farming								
Planting material production	1	7	3	10	10	5	15	25
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements	2	14	6	20	20	10	30	50
Nursery Management of Horticulture crops	1	7	3	10	10	5	15	25
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying	1	7	3	10	10	5	15	25
Sheep and goat rearing	1	7	3	10	10	5	15	25
Quail farming								
Piggery	1	7	3	10	10	5	15	25
Rabbit farming								
Poultry production	1	7	3	10	10	5	15	25
Ornamental fisheries								
Para vets								
Para extension workers								

Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
Lac Production								
TOTAL	**12**	**84**	**36**	**120**	**120**	**60**	**180**	**300**
(C) Extension Personnel								
Productivity enhancement in field crops	1	7	3	10	10	5	15	25
Integrated Pest Management								
Integrated Nutrient management	1	7	3	10	10	5	15	25
Rejuvenation of old orchards	1	7	3	10	10	5	15	25
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers	1	7	3	10	10	5	15	25
Capacity building for ICT application	1	7	3	10	10	5	15	25
Care and maintenance of farm machinery and implements	1	7	3	10	10	5	15	25
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production	2	14	6	20	20	10	30	50
Household food security								
Women and Child care								
Low cost and nutrient efficient diet designing								
Production and use of organic inputs	1	7	3	10	10	5	15	25
Gender mainstreaming through SHGs								
Any other (Nursery Management)	1	7	3	10	10	5	15	25
Total	**10**	**70**	**30**	**100**	**100**	**50**	**150**	**250**
G. TOTAL	**87**	**609**	**261**	**870**	**870**	**435**	**1305**	**2175**

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

3.4. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	5	350	200	550	4	0	4	354	200	554
Kisan Mela	1	250	150	400	5	1	6	255	151	406
Kisan Ghosthi	3	150	50	200	2	0	2	152	50	202
Exhibition	1	1000	500	1500	5	2	7	1005	502	1507
Film Show	4	250	250	500	0	0	0	250	250	500
Farmers Seminar	0	0	0	0	0	0	0	0	0	0
Workshop	0	0	0	0	0	0	0	0	0	0
Group meetings	5	120	30	150	0	0	0	120	30	150
Lectures delivered as resource persons	5	100	50	150	0	0	0	100	50	150
Newspaper coverage	50	-	-	-	-	-	-	-	-	-
Radio talks	1	-	-	-	-	-	-	-	-	-

TV talks	1	-	-	-	-	-	-	-	-	-
Popular articles	5	-	-	-	-	-	-	-	-	-
Extension Literature	15	-	-	-	-	-	-	-	-	-
Advisory Services	72	764	439	1203	12	2	14	776	441	1217
Scientific visit to farmers field	80	400	150	550	50	0	50	450	150	600
Farmers visit to KVK	1000	600	400	1000	-	-	-	600	400	1000
Diagnostic visits	25	50	10	60	5	0	5	55	10	65
Exposure visits	10	50	0	50	-	-	-	50	0	50
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-
Soil health Camp	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	1	50	50	100	-	-	-	50	50	100
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	-	-	-	-	-	-	-	-	-	-
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-
Mahila Mandals Conveners meetings	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)	6	550	450	1000	6	2	8	556	452	1008
Krishi Mohostva	-	-	-	-	-	-	-	-	-	-
Krishi Rath	-	-	-	-	-	-	-	-	-	-
Pre Kharif workshop	-	-	-	-	-	-	-	-	-	-
Pre Rabi workshop	-	-	-	-	-	-	-	-	-	-
PPVFRA workshop	-	-	-	-	-	-	-	-	-	-
Any Other (Specify)	-	-	-	-	-	-	-	-	-	-
Total	**1290**	**4684**	**2729**	**7413**	**89**	**7**	**96**	**4773**	**2736**	**7509**

3.5 Target for Production and supply of Technological products

A) SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
CEREALS	Paddy	Rajendra Sweta	100
	Paddy	Rajendra Mahsuri-1	80
	Wheat	DBW-187	50
OILSEEDS			
PULSES	Chickpea	Sabour Chana-1	10
	Green Gram	Shikha	5
VEGETABLES			
OTHERS (Specify)			
		Total	**245**

B) PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS	Guava	Allahabadi Safeda	500
	Papaya	Red Lady	2000
SPICES			0
VEGETABLES	Bitter guard	Hybrid	5000
	Cucumber	Hybrid	5000
	Sponge gourd	Hybrid	10000
	Bottle gourd	Hybrid	10000
	Cauliflower	Hybrid	15000
	Cabbage	Hybrid	10000
	Tomato	Hybrid	10000
	Chilli	Hybrid	10000
	Brinjal	Hybrid	15000
	French Beans	Hybrid	5000
FOREST SPECIES			0
ORNAMENTAL CROPS			2500
		Total	**100000**

C) BIO-PRODUCT

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

D) LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
Cattle	Cow	Sahiwal	4	
Goat				
Sheep				
Poultry	Chicken	Kadanath/Sonali/Vanraja	100	
Pig farming				
Fisheries				

3.6 Literature to be Developed/Published

(A) KVK News Letter

Date of start :

Number of copies to be published :

(B) Literature to be developed/published

S. No.	Topic	Number
1	Research paper each scientist	6
2	Technical reports	4
3	News letters	2
4	Training manual all discipline	10
5	Popular article	5
6	Extension literature	15
	Total	**42**

(C) Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette, whatsapp group, mobile app, etc.	Title of the product	Number
1	WhatsApp Group	Weather forecast/ technical advisory	11 (1500 Framers Registered)

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

a. Brief introduction/Background

b. Interventions/process

c. Output

d. Outcomes

e. Impact

i) Social economic

ii) Bio-Physical

f. Good Action Photographs

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

Practicing Farmers

a) Collected data on existing farming practices, challenges, yield gaps, input usage, and marketing issues.

b) ✓FGDs allowed for participatory prioritization of training areas.

c) ✓ Farmer-specific challenges.

d) Mobile-based surveys and WhatsApp group consultations were used in select areas

Rural Youth

a) ✓Structured Questionnaire-Based Survey

b) The responses helped identify priority areas such as dairy farming, beekeeping, nursery management, food processing, etc.

c) Focus Group Discussions (FGDs) helped identify training modules that match local opportunities and youth interest.

d) ✓Analysis of Past Training Outcomes and Feedback

In-service personnel

a) Structured questionnaire-based surveys conducted at village or block level.

b) Collected data on existing farming practices, challenges, yield gaps, input usage, and marketing issues.

c) ✓ Helped identify knowledge gaps and areas for technological intervention

3.9 Indicate the methodology for identifying OFTs/FLDs

For OFT:

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

For FLD:

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

3.10 Field activities

i. Name of villages identified/adopted with block name (from which year) – Sato (2024). Bangalgarh (2023), Bhoga (2025), Jhirwa (2013)
ii. No. of farm families selected per village: 25-30
iii. No. of PRA conducted: 8
iv. No. of technologies taken to the adopted villages: 8
v. Name of the technologies found suitable by the farmers of the adopted villages:
vi. Impact (production, income, employment, area/technological– horizontal/vertical)
vii. Constraints if any in the continued application of these improved technologies

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab:

1. Year of establishment : 2013

2. List of equipment's purchase with amount

Sl. No.	Name of the equipment	Quantity	Cost (Rs)
1	Soil pH Meter	01	35000.00
2	Soil E.C. Meter	01	25000.00
3	Spectophoto Meter	01	150000.00
4	Flamephoto Meter	01	100000.00

3. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	1100	550	30	55000.00
Water				
Plant				
Total	**1100**	**550**	**30**	**55000.00**

4.0 LINKAGES

4.1 Functional linkage with different organizations/department

Sl.No.	Name of organization	Nature of Linkage	Outcome of linkage

1.	Bameti, Patna	Skill development of Rural Youth, Conducting DAESI Programme	
2.	ATMA, Banka	Dissemination of technology among farmers, Strengthening of KVK	
3.	Deptt. of Agriculture, Banka	Dissemination of technology among farmers, Strengthening of KVK	
4.	Deptt. of Animal Husbandry, Banka	Strengthening of CAHC, organizing health camp	
5.	IFFCO	Dissemination of technology	
6.	JEEVIKA, Banka	Collaboration of different programme with KVK	
7.	NGOs	Collaboration of different programme with KVK	
8.	NABARD	Development and implementation of projects	

4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage	Outcome of linkage
1	Training, Field Visit and others	Dissemination of technology among farmers, Strengthening of KVK	

5. Utilization of Hostel facilities

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

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

Annexure - I

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
Crop Production											
	PF/FW										
Horticulture											
	PF/FW	Scientific cultivation technique of capsicum and tomato	1	15	10	25	10	5	15	25	Jan
	PF/FW	Protected cultivation of vegetable	1	15	10	25	10	5	15	25	Feb
	PF/FW	Management of insect pest in vegetable crop	1	15	10	25	10	5	15	25	Aug
	PF/FW	Agronomical management practices for Potato	1	15	10	25	10	5	15	25	Sep

	PF/FW	Importance and scientific cultivation of Medicinal & Aromatic plants	1	15	10	25	10	5	15	25	Oct
	PF/FW	Technique of tuber, seed production	1	15	10	25	10	5	15	25	Nov
Livestock prod.											
	PF/FW	Care and management of new born calf	1	15	10	25	10	5	15	25	Jan
	PF/FW	Prevention and management of viral diseases of poultry	1	15	10	25	10	5	15	25	Feb
	PF/FW	Care and management of dairy animal in summer season	1	15	10	25	10	5	15	25	Mar
	PF/FW	Feeding management of goat	1	15	10	25	10	5	15	25	Apr
Agril. Engg.											
	PF/FW	Sowing of green gram through Zero tillage machine	1	15	10	25	10	5	15	25	Jan
	PF/FW	Scientific and safe storage of cereals and pulses	1	15	10	25	10	5	15	25	Feb
	PF/FW	Operation and maintenance of 5 Hp diesel pump set	1	15	10	25	10	5	15	25	Mar
	PF/FW	Modern implements for summer ploughing and their benefits	1	15	10	25	10	5	15	25	Apr
Extension											
	PF/FW	Awareness and use of market intelligence	1	15	10	25	10	5	15	25	Mar

Plant protection											
	PF/FW										
Fisheries											
	PF/FW										
Soil Health											
	PF/FW	Vermicompost Production Techniques	1	15	10	25	10	5	15	25	Jan
	PF/FW	Production technique of Azolla and blue green Algae in paddy crop and their benefit	1	15	10	25	10	5	15	25	Mar
	PF/FW	Scientific cultivation and management of zaid vegetables	1	15	10	25	10	5	15	25	Mar
	PF/FW	Technique of soil sample collection and its processing	1	15	10	25	10	5	15	25	Apr
	PF/FW	Natural farming of Rabi vegetable crops	1	15	10	25	10	5	15	25	Sep
	PF/FW	Production techniques of different natural farming components	1	15	10	25	10	5	15	25	Nov

i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
Crop Production											
	PF/FW										
Horticulture											

	PF/FW	Pest and disease management in orchard	1	15	10	25	10	5	15	25	Jun
	PF/FW	Management of major insect pest in vegetable crop	1	15	10	25	10	5	15	25	Mar
	PF/FW	Management of new orchard	1	15	10	25	10	5	15	25	Jul
	PF/FW	Integrated nutrient management in vegetables crops	1	15	10	25	10	5	15	25	Oct
	PF/FW	Nursery production technique of vegetables crops	1	15	10	25	10	5	15	25	Jun
	PF/FW	Layout and management of horticultural crop	1	15	10	25	10	5	15	25	Jun
	PF/FW	Technique for nursery raising for Rabi season's veg.	1	15	10	25	10	5	15	25	Aug
	PF/FW	Rejuvenation of old orchard	1	15	10	25	10	5	15	25	Jul
	PF/FW	Disease and pest management of fruits crops	1	15	10	25	10	5	15	25	Feb
	PF/FW	Importance of nutrients for vegetable cultivation	1	15	10	25	10	5	15	25	Dec
Livestock Production.											
	PF/FW	Prevention and management of viral diseases of cattle	1	15	10	25	10	5	15	25	May
	PF/FW	Infertility in dairy animals and its management	1	15	10	25	10	5	15	25	Jun
	PF/FW	Rearing of improved breeds for backyard poultry farming	1	15	10	25	10	5	15	25	Jul
	PF/FW	Piglet anemia and its prevention and control	1	15	10	25	10	5	15	25	Aug
	PF/FW	Feeding management of pigs	1	15	10	25	10	5	15	25	Sep
	PF/FW	Care and management of animals in winter season	1	15	10	25	10	5	15	25	Oct
	PF/FW	Care and management of pregnant animal	1	15	10	25	10	5	15	25	Nov
	PF/FW	Vaccination schedule of poultry	1	15	10	25	10	5	15	25	Dec
Agril. Engg.											
	PF/FW	Different types of implements for direct seeded rice	1	15	10	25	10	5	15	25	May
	PF/FW	Rain water conservation technique	1	15	10	25	10	5	15	25	Jun
	PF/FW	Care and maintenance of different types of irrigation pump	1	15	10	25	10	5	15	25	Jul
	PF/FW	Operation and maintenance of different types of spray machine	1	15	10	25	10	5	15	25	Aug
	PF/FW	Fuel saving in agriculture	1	15	10	25	10	5	15	25	Sep
	PF/FW	Operation of modern harvesting implements and its uses	1	15	10	25	10	5	15	25	Oct
	PF/FW	Operation and calibration of zero tillage machine	1	15	10	25	10	5	15	25	Nov
	PF/FW	Operation and use of sprinkler irrigation in rabi crop	1	15	10	25	10	5	15	25	Dec
Extension.											
	PF/FW	Formation and Management of SHGs/JIGS	1	15	10	25	10	5	15	25	Jan

	PF/FW	Capacity building and training of farm women for income generating activities	1	15	10	25	10	5	15	25	Feb
	PF/FW	Utility and need of farmers group	1	15	10	25	10	5	15	25	Apr
	PF/FW	Entrepreneurship development through mushroom production	1	15	10	25	10	5	15	25	May
	PF/FW	Formation and management of FPOs	1	15	10	25	10	5	15	25	Jun
	PF/FW	Promotion of small scale income generated enterprises	1	15	10	25	10	5	15	25	Jul
	PF/FW	Use of mass media for transfer of technology	1	15	10	25	10	5	15	25	Aug
	PF/FW	Entrepreneurship development through poultry	1	15	10	25	10	5	15	25	Sep
	PF/FW	Leadership Development for technology dissemination	1	15	10	25	10	5	15	25	Oct
	PF/FW	Establishing and strengthening farmer organizations	1	15	10	25	10	5	15	25	Nov
	PF/FW	Awareness and use of market intelligence	1	15	10	25	10	5	15	25	Dec
Plant Protection											
Fisheries											
	PF/FW										
Soil health											
	PF/FW	Integrated nutrient management in vegetables crops	1	15	10	25	10	5	15	25	Feb
	PF/FW	Integrated nutrient management in vegetables crops	1	15	10	25	10	5	15	25	May
	PF/FW	Use of bioagents in paddy crop for pest management	1	15	10	25	10	5	15	25	Jun
	PF/FW	Nutrient management in timely sown Paddy crop	1	15	10	25	10	5	15	25	Jun
	PF/FW	Production technique of Azolla and blue green Algae in paddy crop and their benefit	1	15	10	25	10	5	15	25	Jul
	PF/FW	Balanced use of nitrogenous fertilizers	1	15	10	25	10	5	15	25	Aug
	PF/FW	Importance of nutrients for vegetable cultivation	1	15	10	25	10	5	15	25	Oct
	PF/FW	Fertilizer application as per soil test value	1	15	10	25	10	5	15	25	Dec

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			SC/ST participants			G.Total	Month of training
				M	F	T	M	F	T		
Pig	Piggery	Pig rearing technique as an important commercial enterprise	5	15	10	25	10	5	15	25	Mar

Dairy	Dairy Management	Scientific dairy farming as an important commercial enterprise	5	15	10	25	10	5	15	25	June
Horti. Crop	Nursery Management of Horticulture crops	Nursery management for establishment of new orchards	5	15	10	25	10	5	15	25	July
Farm Machinery	Repair and maintenance of farm machinery	Repair and maintenance of zero tillage machine	5	15	10	25	10	5	15	25	Aug
Horti. Crop	Planting material production	Techniques of propagation of fruit crops.	5	15	10	25	10	5	15	25	Sep
Goat	Goat Management	Scientific goat farming as an important commercial enterprise	5	15	10	25	10	5	15	25	Sep
Extension	Entrepreneurial development of farmers/youths	Income generation activities through mushroom cultivation	5	15	10	25	10	5	15	25	Oct
Soil Sample	Soil Testing	Soil sampling techniques, collection and processing of soil	5	15	10	25	10	5	15	25	
Extension	Entrepreneurial development of farmers/youths	Entrepreneurship Development through bee keeping	5	15	10	25	10	5	15	25	Nov
Vermicompost Prod.	Vermicompost Production	Vermicompost production for income generation	5	15	10	25	10	5	15	25	
Farm Machinery	Repair and maintenance of farm machinery	Care and maintenance of tractor	5	15	10	25	10	5	15	25	Dec
Poultry	Poultry Farming	Commercial poultry farming as an important commercial enterprise	5	15	10	25	10	5	15	25	

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total	
				M	F	T	M	F	T		
On Campus											
	EF	Communication skills for effective extension service	2	15	10	25	7	5	12	25	
	EF	Leadership development and team building skills for extension functionaries	2	15	10	25	7	5	12	25	
	EF	Utility of various farm implements and machineryScientific cultivation technique of capsicum and tomato	2	15	10	25	7	5	12	25	
	EF	Rejuvenation of old orchard and management	2	15	10	25	7	5	12	25	
	EF	Nursery management for income generation	2	15	10	25	7	5	12	25	
	EF	Perennial fodder production	2	15	10	25	7	5	12	25	

	EF	Preparation of Jeevamrit and Beejamrit	2	15	10	25	7	5	12	25	
	EF	Importance of liquid bio fertilizers in Pulses crop	2	15	10	25	7	5	12	25	
	EF	INM for Nursery Management	2	15	10	25	7	5	12	25	
	EF	Silage Making	2	15	10	25	7	5	12	25	

iv) Sponsored programme

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

Signature of Senior Scientist & Head