KRISHI VIGYAN KENDRA

KISHANGANJ

ACTION PLAN

(January to December 2024)

Submitted to

ICAR-ATARI, Patna, (Zone-IV)

BIHAR AGRICULTURAL UNIVERSITY

KRISHI VIGYAN KENDRA
KISHANGANJ (BIHAR)

ACTION PLAN, 2024

GENERAL INFORMATION ABOUT THE KVK

Introduction:

Krishi Vigyan Kendra, Kishanganj is an innovative centre of Indian Council of Agricultural Research (ICAR), Pusa, New Delhi sanctioned vides F. No. 61 /2004-AE-1dated 05.04.2006 under the administrative control of Bihar Agricultural University, Sabour, Bhagalpur, Bihar. This KVK was initially established at Thakurganj of Kishanganj district of Bihar in March, 2006 and then shifted to Hawai Adda Road Khagra, Kishanganj. It is a unique scheme of ICAR oriented to serve the farmers by being the fountain head of agricultural technologies at the district level. KVKs are the agricultural knowledge and resource centers for farmers, farmwomen, rural youth and extension functionaries. The centre has the mandated activities of conducting on farm testing/trials (OFTs) with emerging advances in agricultural research for assessing, refining and demonstration of recently released technology to develop location specific sustainable production system and dedicated to organize vocational training in agriculture and allied fields for practicing farmers, farm women and rural youth. The Kishanganj district is quite suitable for cultivation of Rice, Maize, Jute, Makhana, Pineapple, Banana, Potato, Pulses, Oilseeds and Vegetables crops in different seasons of the year. The productivity enhancement of the field, fiber and horticultural crops and livestock with the concept of integrated farming system module is the major arena of thrust for development of agriculture in the district. KVK Kishanganj is working with following specific mandates and activities:

KVK System: Mandate and Activities

The mandate of KVK is **Technology Assessment** and **Demonstration** for its **Application** and **Capacity Development**.

To implement the mandate effectively, the following activities are envisaged for each KVK

1. On-farm testing to assess the location specificity of agricultural technologies under various farming systems.
2. Frontline demonstrations to establish production potential of technologies on the farmers' fields.
3. Capacity development of farmers and extension personnel to update their knowledge and skills on modern agricultural technologies.
4. To work as Knowledge and Resource Centre of agricultural technologies for supporting initiatives of public, private and voluntary sector in improving the agricultural economy of the district.
5. Provide farm advisories using ICT and other media means on varied subjects of interest to farmers.

In addition, KVKs produce quality technological products (seed, planting material, bio-agents, livestock) and make it available to farmers, organize frontline extension activities, identify and document selected farm innovations and converge with ongoing schemes and programs within the mandate of KVK.

Address	Mobile No.	E mail
Krishi Vigyan Kendra, Hawai Adda Road, Khagra (Near BSF-SHQ) Kishanganj, PIN- 855107	9431204379	*kishanganjkvk@gmail.com*

1. Name of host organization :

Address	Telephone		E mail
	Office	**FAX**	
Bihar Agricultural University Sabour, Bhagalpur	0641-2452611	0641-2452611	*deebausabour@gmail.com*

2. Staff Position (As on 01.05.2024)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Permanent/ Temporary	Category
1.	Senior Scientist & Head	Dr. Rajeev Singh	Senior Scientist & Head	Permanent	UR
2.	Subject Matter Specialist	Dr. Niraj Prakash	Subject Matter Specialist (Entomology)	Permanent	UR
3.	Subject Matter Specialist	Dr. Manjoo Kumari	Subject Matter Specialist (Horticulture)	Permanent	SC
4.	Subject Matter Specialist	Dr. Alimul Islam	Subject Matter Specialist (Agril.Ext)	Permanent	UR
5.	Subject Matter Specialist	Mrs. Raman Bharti	Subject Matter Specialist (Home Sci.)	Permanent	
6.	Subject Matter Specialist	Dr. Kanahaiyya Lal	Subject Matter Specialist (Agronomy)	Permanent	
7.	Subject Matter Specialist	**Vacant**	Subject Matter Specialist (Animal Science.)	-	-
8.	Programme Assistant	**Vacant**	PA(Lab Technician)	-	-
9.	Programme Assistant	Mr. Rajesh Lal	PA(Computer)	Permanent	UR
10.	Farm Manager	Smt. Sunita Kumari	Farm Manager	Permanent	OBC
11.	Accountant / Superintendent	**Vacant**	Assistant	-	-
12.	Stenographer	Mr. Rakesh Mandal	Stenographer	Permanent	OBC
13.	Driver (Bolero)	Mr. Niraj Kumar Singh	Driver	Permanent	UR
14.	Driver (Tractor)	**Vacant**	-	-	-
15.	Supporting staff	**Vacant**	Supporting Staff	-	-
16.	Supporting staff	**Vacant**	Supporting Staff	-	-

3. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings & Demo Units	1.5
3.	Under Crops	5.2
4.	Orchard	1.0
5.	Others with details (Canal)	2.3
Total		**10.0**

4. Major farming systems/enterprises (based on the analysis made by the KVK)

S. No.	Farming system/enterprise
1.	Paddy-maize based farming system
2.	Jute – Paddy based-vegetables farming system
3.	Paddy- Mustard/Potato- wheat –green gram based farming system
4.	Paddy-wheat based farming system
5.	Pineapple based farming system
6.	Makhana based farming
7.	Fish Farming
8.	Poultry/ goat farming
9.	Bee Keeping

5. About District

Demographic Features	
Area (in ha.)	188682.34
No. of Sub-Division	01
No. of Block	07
No. of Gram Panchayat	126
No. of Village	771
Total Population	1296348
Population Density (per sq. km.)	688/ sq km
SC Population	85818 6.62(%)
ST Population	47057 3.63(%)
Sex Ratio	940/1000
Literacy rate	31.02 (%)

Source: As per 2011 Census

6. Description of Agro-climatic Zone & major agro ecological situations (based on soil and Topography)

S. No	Agro-climatic Zone	Characteristics
1	Zone-II (North – East Alluvial Plain)	The climate is sub-tropical and humid having mean maximum and minimum temperature between 41^{o}C and 3.52^{o}C respectively. The average annual rainfall of the district is about **2269.49 mm**. Kishanganj is the only one district that receive maximum rainfall with rainy days in Bihar

7. Agro ecological situation

S. No	Agro ecological situation	Area (ha)	Characteristics
1	Up land sandy soil	33700	Suitable for maize, wheat, vegetables & fruits
2	Medium sandy loam soil	50700	Wheat, maize, jute, rice, oilseeds, pulses, vegetables & fruits cultivation
3	Low lying clay soil	42979	Flood & water lodging condition suitable for Paddy, Boro-paddy & paira cropping
4	Diara land of Mahananda flooded during rainy season with sandy and loamy soil	-	Suitable for rabi Maize, oilseeds and cucurbits

8. Soil types

S. No	Soil type	Characteristics	Area in ha
1	Very deep coarse loamy soil	Coarse loamy soil	63000
2	Very deep sandy soil	Sandy soil	2200
3	Very deep calcareous, coarse loamy soil	Calcareous loamy soil	8600
4	Very deep fine soil	Fine soil	21900
5	Very deep fine loamy soil	Fine loamy soil	85500

10. Details of operational area / villages

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Kishanganj	Kishanganj	Bairgachhi, Andhwakol, Singhia, Motihara Taluka, Kashipur Belwa, Chhagalia, Lohadanga and Farsadangi	Rice, Wheat, Maize, Jute, Potato, Fruits &Vegetables, Mustard, green gram, Mushroom, Livestock, goatry, and Backyard Poultry	Unavailability of quality seeds, injudicious use of fertilizers, incidence of weeds, diseases and pests, lack of scientific knowledge of crop cultivation, Problematic soil	ICM,WM,INM, Improved seed and seed treatment, Vermiculture, Mushroom Production, Capacity Building, Value Addition, Disease management in animals
2.		Pothia	Panasi	Rice, Wheat, Maize, Jute, Potato, pineapple &Vegetables, Mustard, green gram, Banana, Mushroom, Livestock, goatry, and Backyard	Unavailability of quality seeds injudicious use of fertilizers, incidence of weeds, diseases and pests, lack of scientific knowledge of crop cultivation.	ICM,WM,INM, Improved seed and seed treatment, Vermiculture, Mushroom Production, Capacity Building, Value Addition, Disease management in animals
3.		Kochadhaman	Surang, Dogariya, Shitalnagar Purandaha	Rice, Maize, Makhana, Backyard Poultry	Unavailability of quality seeds incidence of weeds, diseases and pests, lack of scientific knowledge of crop cultivation.	ICM, Weed Management, Integrated Nutrient Management
4.		Thakurganj	Chapati, Patharia, Khanabari, Govindpur	Rice, Maize, Wheat, Makhana, Banana, Vegetables, Fish Culture and Backyard Poultry	Unavailability of quality seeds incidence of weeds, diseases and pests, lack of scientific knowledge of crop cultivation.	Natural Farming, ICM, Weed Management, Integrated Nutrient Management
5.		Bahadurganj	Maltola-Bangama, Mahesh Bathna, Kharsel	Rice, Maize, Wheat, Green Gram, Makhana, Banana, Vegetables, Fish Culture and Backyard Poultry	Unavailability of quality seeds incidence of weeds, diseases and pests, lack of scientific knowledge of crop cultivation.	ICM, Weed Management, Integrated Nutrient Management

11. Priority thrust areas

S. No	Thrust area
1.	INM and IPM practices for sustainable agriculture.
2.	Management of Jute, Banana and Pineapple/ fruit orchard based cropping system.
3.	Popularization of Dragon Fruit
4.	Popularization of quality seed production.
5.	Income generation activities through beekeeping, mushroom production, vermi-composting, goatary, Poultry, and preservation of fruits and vegetables etc. & Farm women empowerment.
6.	Promotion and adoption of Integrated farming system in the district.
7	Enhancement of milk production through proper management of miltch animals.

1. Agronomy

Thematic area	Title of Training	Qtr No.	Duration	Venue	Tentative	No. of Participants								
			(Days)	On/ Off	Date	SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Practicing Farmers														
ICM	Production of makhana in low land area	I	2	Off/ On	10-11-March-2024	2	1	1	1	15	5	18	7	25
ICM	Scientific cultivation of jute and improve fibre quality		2	Off/ On	14-15-March-2024	2	1	1	1	15	5	18	7	25
ICM	Production of makhana in low land area		2	Off/ On	16-17 Mar, 2024	2	1	1	1	15	5	18	7	25
ICM	Scientific cultivation of jute and improve fibre quality		2	Off/ On	26-27 Mar, 2024	2	1	1	1	15	5	18	7	25
INM	Scientific summer moong cultivation	II	1	Off/ On	22, April 2024	2	1	1	1	15	5	18	7	25
INM	Importance of green manuring in exhaustive cropping system		1	Off/ On	24, April 2024	2	1	1	1	15	5	18	7	25
INM	Importance of green manuring in exhaustive cropping system		2	Off/ On	5-6 May, 2024	2	1	1	1	15	5	18	7	25
Nursery management	Nursery management in rice crop		2	Off/ On	13-14 May, 2024	2	1	1	1	15	5	18	7	25

Nursery management	Nursery management in rice crop		2	Off/ On	14-15 May, 2024	2	1	1	1	15	5	18	7	25
ICM	Production technology of transplanted rice		2	Off/ On	20-21 May, 2024	2	1	1	1	15	5	18	7	25
INM	Production technology of rice under flooded condition		2	Off/ On	26-27 May, 2024	2	1	1	1	15	5	18	7	25
ICM	Integrated nutrient management in paddy		2	Off/ On	2-3 June, 2024	2	1	1	1	15	5	18	7	25
INM	Production technology of rice under flooded condition		2	Off/ On	12-13 June, 2024	2	1	1	1	15	5	18	7	25
RCT	Improvement of rice yield by Brown manuring		2	Off/ On	14-15 June, 2024	2	1	1	1	15	5	18	7	25
RCT	Improvement of rice yield by Brown manuring		2	Off/ On	24-25 June, 2024	2	1	1	1	15	5	18	7	25
Weed Management	Integrated weed management in paddy	III	2	Off/ On	2-3 July, 2024	2	1	1	1	15	5	18	7	25
Water management	Irrigation management in paddy		2	Off/ On	12-13 July, 2024	2	1	1	1	15	5	18	7	25
Integrated Nutrient Management	Application of nitrogen management by LCC in Rice crop to enhance productivity		2	Off/ On	14-15 July, 2024	2	1	1	1	15	5	18	7	25
Integrated Nutrient Management	Application of nitrogen management by LCC in Rice crop to enhance productivity		2	Off/ On	24-25 July, 2024	2	1	1	1	15	5	18	7	25
Water management	Irrigation management in paddy		2	Off/ On	6-7 Aug, 2024	2	1	1	1	15	5	18	7	25
Integrated Nutrient Management	Role of Nutrient expert, Crop manager and green seeker for the enhance of profitability		2	Off/ On	16-17 Aug, 2024	2	1	1	1	15	5	18	7	25
Integrated Nutrient Management	Role of Nutrient expert, Crop manager and green seeker for the enhance of profitability		2	Off/ On	20-21 Aug, 2024	2	1	1	1	15	5	18	7	25
Weed Management	Integrated weed management in paddy		2	Off/ On	26-27 Aug, 2024	2	1	1	1	15	5	18	7	25
Production of organic inputs	Production technique of vermicompost		2	Off/ On	1-2 Sept, 2024	2	1	1	1	15	5	18	7	25

Post-harvest management	Enhance storage efficiency in cereal		2	Off/ On	11-12 Sept, 2024	2	1	1	1	15	5	18	7	25
RCT	Management of rice crop residue		2	Off/ On	21-22 Sept, 2024	2	1	1	1	15	5	18	7	25
Post-harvest management	Enhance storage efficiency in cereal		2	Off/ On	26-27 Sept, 2024	2	1	1	1	15	5	18	7	25
Irrigation Management	Importance of Micro irrigation system & its use in crop production		2	Off/ On	1-2 Oct, 2024	2	1	1	1	15	5	18	7	25
Production of organic inputs	Production technique of vermicompost		2	Off/ On	9-10 Oct, 2024	2	1	1	1	15	5	18	7	25
ICM	Cultivation technique of buckwheat		2	Off/ On	11-12 Oct, 2024	2	1	1	1	15	5	18	7	25
ICM	Importance of irrigation management at Critical growth stage in wheat		2	Off/ On	26-27 Oct, 2024	2	1	1	1	15	5	18	7	25
RCT	Management of rice crop residue		2	Off/ On	1-2 Nov, 2024	2	1	1	1	15	5	18	7	25
ICM	Cultivation technique of buckwheat	IV	2	Off/ On	7-8 Nov, 2024	2	1	1	1	15	5	18	7	25
ICM	Weed management in zero till wheat		2	Off/ On	10-12 Nov, 2024	2	1	1	1	15	5	18	7	25
IRM	Irrigation management in pulses		2	Off/ On	27-28 Nov, 2024	2	1	1	1	15	5	18	7	25
Farm Machinery	Use of raised bed planter for maize cultivation		2	Off/ On	11-12 Dec, 2024	2	1	1	1	15	5	18	7	25
Farm Machinery	Use of raised bed planter for maize cultivation		2	Off/ On	17-18 Dec, 2024	2	1	1	1	15	5	18	7	25
IPM	Insect and pest management in maize		2	Off/ On	21-23 Dec, 2024	2	1	1	1	15	5	18	7	25
IPM	Insect and pest management in maize		2	Off/ On	27-28 Dec, 2024	2	1	1	1	15	5	18	7	25
Rural Youth															
Seed production	Seed Production of Paddy crop	II	4	Off/ On	05-08 June, 2022	2	1	1	1	15	5	18	7	25

Production of organic inputs	Production technology of vermicompost	III	4	Off/ On	05-08 Sept, 2023	2	1	1	1	15	5	18	7	25
Seed production	Seed Production of Paddy crop	IV	4	Off/ On	05-08 Oct, 2024	2	1	1	1	15	5	18	7	25
Extension Functionaries														
Resource Conservation Technology	Calibration of zero till drill machine	II	2	Off/ On	24-25 May, 2024	2	1	1	1	15	5	18	7	25
Water Management	Importance of micro – irrigation system		2	Off/ On	24-25 Aug, 2024	2	1	1	1	15	5	18	7	25

2. Plant Protection

Thematic area	Title of Training	No.	Duration (Days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Practicing Farmers														
Integrated Pest management	Insect management in mango	I	1	Off/ On	03 Jan, 2024	2	1	1	1	15	5	18	7	25
Integrated pest management	Insect management in Maize		1	Off/ On	11 Jan 2024	2	1	1	1	15	5	18	7	25
Integrated pest management	Insect management in Mustard		1	Off/ On	19 Jan 2024	2	1	1	1	15	5	18	7	25
Integrated disease management	Disease management in mango		1	Off/ On	02- Feb 2024	2	1	1	1	15	5	18	7	25
Natural Farming	Preparation and use of Beejaamrit, Jeewamrit, Neemastra, etc.		1	Off/ On	07 Feb, 2024	2	1	1	1	15	5	18	7	25
Integrated pest management	Storage pest of grains and their control measures		1		15 Feb, 2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	No.	Duration (Days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST	Other			Total		
						M	F	M	F	M	F	M	F	T
				Off/ On										
Integrated Desease management	Disease management in maize		1	Off/ On	20 Feb 2024	2	1	1	1	15	5	18	7	25
Bio-fertilizer	Use of Bio-fertilizer and their use in plant production		1	Off/ On	28 Feb, 2024	2	1	1	1	15	5	18	7	25
Bio-control of pest and diseases	Bio pesticide and their use in plant protection		1	Off/ On	05 March, 2024	2	1	1	1	15	5	18	7	25
Crop management	Summer moong cultivation		1	Off/ On	11March 2024	2	1	1	1	15	5	18	7	25
Integrated Pest management	Safer use of pesticides		1	Off/ On	15 March 2024	2	1	1	1	15	5	18	7	25
Bio-control of pest and diseases	Method of preparation of neem seed kernel extract (NSKE)		1	Off/ On	20 March 2024	2	1	1	1	15	5	18	7	25
Integrated Pest management	Management of insect pest by cultural practices in summer season	II	1	Off/ On	02 April, 2024	2	1	1	1	15	5	18	7	25
Integrated Pest management	Management of insect pest of green gram		1	Off/ On	08 April, 2024	2	1	1	1	15	5	18	7	25
Integrated Pest management	Integrated Pest management in Paddy N		1		18 April 2024	2	1	1	1	15	5	18	7	25
Integrated pest	Integrated pest		1	Off/ On	02 May, 2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	No.	Duration (Days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST	Other			Total		
						M	F	M	F	M	F	M	F	T
management	management in jute													
Integrated disease management	Disease Management in nursery of paddy		1	Off/ On	08 May 2024	2	1	1	1	15	5	18	7	25
Integrated pest management	Key pest of kharif vegetables and their management		1	Off/ On	16 May 2024	2	1	1	1	15	5	18	7	25
Bio-control of pest and diseases	Production of bio control agents and bio pesticides		1	Off/ On	29 May 2024	2	1	1	1	15	5	18	7	25
Integrated pest management	Seed treatment and insect management in paddy nursery		1	Off/ On	04 June, 2024	2	1	1	1	15	5	18	7	25
Integrated Pest management	Plant protection in Kharif crops		1	Off/On	12 June, 2024	2	1	1	1	15	5	18	7	25
Integrated disease management	Sheeth blight management in paddy		1	Off/On	24 Jun, 2022	2	1	1	1	15	5	18	7	25
Integrated Pest management	Eco-friendly Pest management of cucurbits		1	Off/On	26 Jun, 2024	2	1	1	1	15	5	18	7	25
Natural Farming	Preparation and use of Beejaamrit, Jeewamrit, Neemastra, etc.	III	1	Off/ On	02 July, 2024	2	1	1	1	15	5	18	7	25
Integrated Pest management	Integrated Pest management in paddy		1	Off/On	05 July, 2024	2	1	1	1	15	5	18	7	25
Integrated Pest management	Insect Pest management in paddy		1	Off/On	19 July, 2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	No.	Duration (Days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST	Other			Total		
						M	F	M	F	M	F	M	F	T
Crop management	Importance of Seed treatment in Crops		1	Off/On	24 July, 2024	2	1	1	1	15	5	18	7	25
Integrated disease management	Management of sheath blight in kharif paddy		1	Off/On	06 Aug, 2024	2	1	1	1	15	5	18	7	25
Integrated disease management	Management of false smut in kharif paddy		1	Off/On	09 Aug, 2024	2	1	1	1	15	5	18	7	25
Integrated pest management	Insect management in Banana		1	Off/On	19 Aug, 2024	2	1	1	1	15	5	18	7	25
Bio-control of pest and diseases	Use of bioagents in disease management		1	Off/On	30 Aug, 2024	2	1	1	1	15	5	18	7	25
Integrated disease management	Disease management of banana		1	Off/On	03 Sept, 2024	2	1	1	1	15	5	18	7	25
Integrated pest management	Fruit and shoot borer management in brinjal		1	Off/On	10 Sept, 2024	2	1	1	1	15	5	18	7	25
Natural farming	Use of Nimastra, Agniastra, etc. in natural farming		1	Off/On	17 Sept, 2024	2	1	1	1	15	5	18	7	25
Integrated pest management	Insect management of banana		1	Off/On	20 Sept, 2024	2	1	1	1	15	5	18	7	25
Integrated pest management	BPH management in paddy	IV	1	Off/On	04 Oct, 2024	2	1	1	1	15	5	18	7	25
Integrated pest management	Cut worm management in Maize		1	Off/On	06 Oct, 2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	No.	Duration (Days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST	Other			Total		
						M	F	M	F	M	F	M	F	T
Integrated pest management	Fall army worm management in Maize		1	Off/ On	13 Oct, 2024	2	1	1	1	15	5	18	7	25
Integrated disease management	Phomosis blight disease management in brinjal		1	Off/ On	18 Oct 2024	2	1	1	1	15	5	18	7	25
Integrated disease management	Early blight disease of potato and their management		1	Off/ On	05 Nov, 2024	2	1	1	1	15	5	18	7	25
Integrated disease management	Late blight disease of potato and their management		1	Off/ On	13 Nov, 2024	2	1	1	1	15	5	18	7	25
Natural Farming	Method of preparation of neem seed kernel extract (NSKE)		1	Off/ On	21 Nov, 2024	2	1	1	1	15	5	18	7	25
Integrated Pest management	Safer use of pesticides		1	Off/ On	28 Nov, 2024	2	1	1	1	15	5	18	7	25
Organic Farming	Use of bio-pesticides, in crops		1	Off/ On	04 Dec, 2024	2	1	1	1	15	5	18	7	25
Production of bio control agent	Production and utilization of bio-control agent in Rabi season crops		1	Off/On	09 Dec, 2024	2	1	1	1	15	5	18	7	25
Integrated Pest management	Eco-friendly Pest management of Maize		1	Off/On	19 Dec, 2022	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	No.	Duration (Days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST	Other			Total		
						M	F	M	F	M	F	M	F	T
Integrated Pest management	Importance of Seed treatment		1	Off/On	30 Dec, 2024	2	1	1	1	15	5	18	7	25
Rural Youth														
Bee-keeping	Sustainable Beekeeping and Honey Production technique	I	4	Off/On	10-13 Jan, 2024	2	1	1	1	15	5	18	7	25
Vermiculture	Technique of vermicompost production and its importance and application.	II	4	Off/On	10-13 Apr, 2024	2	1	1	1	15	5	18	7	25
Production of organic input	Production of vermi wash and uses in vegetable crops.	III	4	Off/On	20-23 Aug, 2024	2	1	1	1	15	5	18	7	25
Extension Functionaries														
Integrated pest management	Integrated pest management in Kharif crops.	II	2	Off/On	20-21 June, 2024	2	1	1	1	15	5	18	7	25
Integrated pest management	Integrated pest management in Rabi crops.	IV	2	Off/On	24-25 Oct, 2024	2	1	1	1	15	5	18	7	25
Total						**44**	**22**	**22**	**22**	**330**	**110**	**396**	**154**	**550**

3. Horticulture

Thematic area	Title of Training	No.	Duration (Days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Practicing Farmers														
Nursery Management	HiTech horticulture & nursery management in vegetable crops	I	1	On	09 Jan, 2024	2	1	1	1	15	5	18	7	25
Cultivation of fruits	Scientific cultivation of Pine apple			On	11 Jan, 2024	2	1	1	1	15	5	18	7	25
Cultivation of vegetable crops	Scientific cultivation of onion & garlic			Off	22 Jan, 2024	2	1	1	1	15	5	18	7	25
Cultivation of vegetable crops	Scientific cultivation of potato		1	On	02 Feb, 2024	2	1	1	1	15	5	18	7	25
Cultivation of fruits	Production management of Guava orchard		1	Off	12 Feb, 2024	2	1	1	1	15	5	18	7	25
Nursery Management	Nursery management in brinjal&chilli		1	Off	22 Feb, 2024	2	1	1	1	15	5	18	7	25
Production and management technology of tuber crops	Scientific cultivation of summer vegetables		1	Off	02 Mar, 2023	2	1	1	1	15	5	18	7	25
Cultivation of vegetables	Scientific cultivation of okra & French bean		1	Off	04 Mar, 2024	2	1	1	1	15	5	18	7	25
Export potential fruits	Production and managemen		2	On	05-06 Mar 2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	No.	Duration (Days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
	t of makhana and its processing													
Cultivation of vegetables	Production techniques in cucurbitaceous crops		1	Of	13 Mar, 2024	2	1	1	1	15	5	18	7	25
Cultivation of fruits	Production techniques in dragon fruit		1	On	14 Mar, 2024	2	1	1	1	15	5	18	7	25
Cultivation of fruits	Production techniques in mango orchard		1	Off	15 Mar, 2024	2	1	1	1	15	5	18	7	25
Nursery raising	Nursery management of vegetable crops	II	1	Off	02 April, 2024	2	1	1	1	15	5	18	7	25
Yield increment	Production techniques in bottle gourd		1	On	12 April 2024	2	1	1	1	15	5	18	7	25
Cultivation of vegetables	Scientific cultivation of onion		1	Off	20 April 2024	2	1	1	1	15	5	18	7	25
Yield increment	Production techniques in pointed gourd		1	On	29 April 2024	2	1	1	1	15	5	18	7	25
Yield increment	Scientific cultivation of elephant foot yam		1	Off	2 May, 2024	2	1	1	1	15	5	18	7	25
Cultivation of fruits	Scientific cultivation of Banana		1	Off	14 May, 2024	2	1	1	1	15	5	18	7	25
Layout and management of orchard	Orchard management in guava		1	On	18 May2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	No.	Duration (Days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Plant propagation technique	Methods of plant propagation techniques of fruits	III	2	On	04-05 June, 2024	2	1	1	1	15	5	18	7	25
Nursery raising	Nursery management in cole crops		1	Off	11 June 2024	2	1	1	1	15	5	18	7	25
Cultivation of fruit	Production techniques in litchi		1	On	15 June 2024	2	1	1	1	15	5	18	7	25
Cultivation of fruit	Production techniques in dragon fruits		1	Off	27 June 2024	2	1	1	1	15	5	18	7	25
Rejuvenation of old orchard	Training and pruning of old orchards		1	On	03 July, 2024	2	1	1	1	15	5	18	7	25
Management of young plants/ orchards	Orchard management of mango orchard		1	Off	09 July 2024	2	1	1	1	15	5	18	7	25
Cultivation of fruits	Scientific cultivation of pineapple		1	Off	20 July 2024	2	1	1	1	15	5	18	7	25
Export potential fruits	Management and marketing of mango		1	On	24 July 2024	2	1	1	1	15	5	18	7	25
Nursery raising	Nursery management in brinjal, tomato and chilli		1	On	03 Aug 2024	2	1	1	1	15	5	18	7	25
Protected cultivation	Production techniques in off season vegetable crops		1	On	13 Aug 2024	2	1	1	1	15	5	18	7	25
Grading and standardization	Grading and storage of vegetables		1	Off	20 Aug 2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	No.	Duration (Days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Yield increment	Production techniques of cauliflower		1	On	29 Aug 2024	2	1	1	1	15	5	18	7	25
Production & management technology of Vegetable	Scientific cultivation of solanaceous vegetables		1	Off	5 Sept, 2024	2	1	1	1	15	5	18	7	25
Fruit cultivation	Scientific cultivation of pineaaple		1	On	10 Sept 2024	2	1	1	1	15	5	18	7	25
Fruit cultivation	Scientific cultivation of banana		1	Off	19 Sept 2024	2	1	1	1	15	5	18	7	25
Training and pruning	Training and pruning in guava		1	On	24 Sept 2024	2	1	1	1	15	5	18	7	25
Production and management technology of tuber crop	Scientific cultivation of potato	IV	1	Off	05 Oct, 2024	2	1	1	1	15	5	18	7	25
Cultivation of vegetables	Scientific cultivation of peas and beans		1	On	15 Oct 2024	2	1	1	1	15	5	18	7	25
Cultivation of vegetables	Scientific cultivation of leafy vegetables		1	Off	19 Oct 2024	2	1	1	1	15	5	18	7	25
Yield increment	Production techniques in potato		1	On	23 Oct 2024	2	1	1	1	15	5	18	7	25
Micro irrigation system of orchard	Drip and sprinker irrigation in vegetables		1	Off	05 Nov, 2024	2	1	1	1	15	5	18	7	25
Production and	Production techniques		1	On	12 Nov 2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	No.	Duration (Days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
management technology	in tomato and brinjal													
Value addition	Methods and preparation of totmato ketchup			Off	18 Nov 2024	2	1	1	1	15	5	18	7	25
Post harvest technology	Post harvest techniques in vegetables		1	On	26 Nov, 2024	2	1	1	1	15	5	18	7	25
Yield increments	Production management of mango orchards		1	Off	10 Dec, 2024	2	1	1	1	15	5	18	7	25
Production and management technology	Production techniques in pineapple		1	On	21 Dec 2024	2	1	1	1	15	5	18	7	25
Protected cultivation techniques	Poly tunnel technology in vegetable crops		1	Off	24 Dec 2024	2	1	1	1	15	5	18	7	25
Cultivation of vegetables	Production techniques in potato		1	On	30 Dec 2024	2	1	1	1	15	5	18	7	25
Rural Youth														
Layout and management methods	Establishment and methodology of new orchards	I	4	On	05-08 Feb, 2024	2	1	1	1	15	5	18	7	25
Cultivation of fruit	Scientific cultivation of Dragon Fruit	III	5	On	6-10May, 2024	2	1	1	1	15	5	18	7	25
Export potential fruits	Production and management of Makhana		5	On	09-13 July 2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	No.	Duration (Days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
	and its processing													
Planting propagation techniques	Technique of propagation of rootage and graftage in fruit crops		5	On	17-21 Sep, 2024	2	1	1	1	15	5	18	7	25
Layout and management methods	High density planting system for fruit crops		5	On	12-16 Nov 2024	2	1	1	1	15	5	18	7	25
Protected cultivation techniques	Nursery management of vegetable crops and poly tunnel technology		5	On	04-08 Dec, 2024	2	1	1	1	15	5	18	7	25
Extension Functionaries														
Water Management	Increasing water use efficiency and high productivity of horticultural crops.	I	1	On	19 Jan, 2024	2	1	1	1	15	5	18	7	25
Yield increment	Production technology of Summer Vegetables		1	On	05 March 2024	2	1	1	1	15	5	18	7	25
Layout and management of orchard	Scientific cultivation of dragon fruit	II	1	On	18 May 2024	2	1	1	1	15	5	18	7	25
Cultivation of Fruits	Production management of guava orchard		1	On	17 Aug 2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	No.	Duration (Days)	Venue On/Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Nursery raising	Nursery management of horticultural crops	II1	1	On	08 Oct 2024	2	1	1	1	15	5	18	7	25
Protected cultivation	Production technology for growing off season vegetables and flowers.	IV	1	On	17 Dec, 2024	2	1	1	1	15	5	18	7	25
Total			**55**			**44**	**22**	**22**	**22**	**330**	**110**	**396**	**154**	**550**

4.Extension Education

Thematic Area	Title of Training	Qr. No.	Duration	Venue OFF/ On Campus	Tentative Date	Participants/Trainees								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Practicing Farmer														
Production technologies	Enhancement the crop productivity	1	1	ON/OFF	13.02.2024	--	--	--	-	30	--	30	--	30
Group Dynamics	Establishment and strengthening of Farmers Club	1	1	ON/OFF	23.02.2024	12	4	--	-	16	4	28	8	36
Leadership development	Leadership development for technology dissemination	1	1	ON/OFF	25.03.2024	8	2	1	4	8	2	17	8	25
Group Dynamics	Productivity enhancement of field crops	1	1	ON/OFF	28.03.2024	29	--	--	-	--	--	29	--	29
Group Dynamics	Formation and	2	1	ON/OFF	06.04.2024	9	1	1	4	8	2	18	7	25

	management of SHGs/JIGS													
Production technologies	Productivity enhancement of field crops	2	1	ON/OFF	20.04.2024	8	2	1	4	8	2	17	8	25
Group Dynamics	Formation and Management of SHGs/JIGS	2	1	ON/OFF	22.04.2024	9	1	1	4	8	2	18	7	25
Production technologies	Productivity enhancement of field crops	2	1	ON/OFF	25.04.2024	8	2	1	4	8	2	17	8	25
Entrepreneurial development of farmers/youths	Entrepreneurship Development though poultry	2	1	ON/OFF	02.05.2024	9	1	1	4	8	2	18	7	25
WTO and IPR issues	Awareness and use of market intelligence	2	1	ON/OFF	07.05.2024	8	2	1	4	8	2	17	8	25
Production technologies	Productivity enhancement of Millets	2	1	ON/OFF	13.05.2024	9	1	1	4	8	2	18	7	25
Entrepreneurial development of farmers/youths	Entrepreneurship Development though Beekeeping	2	1	ON/OFF	20.05.2024	8	2	1	4	8	2	17	8	25
PRA	Agro ecosystem analysis of adopted village	2	1	ON/OFF	03.06.2024	8	2	1	4	8	2	17	8	25
Group Dynamics	Formation and management of SHGs/JIGS	2	1	ON/OFF	07.06.2024	9	1	1	4	8	2	18	7	25
Group Dynamics	Formation and Management of SHGs/JIGS	2	1	ON/OFF	12.06.2024	8	2	1	4	8	2	17	8	25
Entrepreneurial development of	Entrepreneurship Development through poultry	2	1	ON/OFF	18.06.2024	9	1	1	4	8	2	18	7	25

farmers/youths														
Entrepreneurial development of farmers/youths	Entrepreneurship Development through poultry	3	1	ON/OFF	02.07.2024	9	1	1	4	8	2	18	7	25
PRA	Socio-economic analysis of adopted village	3	1	ON/OFF	05.07.2024	9	1	1	4	8	2	18	7	25
Group Dynamics	Formation and Management of FPOs	3	1	ON/OFF	12.07.2024	8	2	1	4	8	2	17	8	25
Entrepreneurial development of farmers/youths	Income generation by value addition	3	1	ON/OFF	16.07.2024	9	1	1	4	8	2	18	7	25
Entrepreneurial development of farmers/youths	Small Scale income generating enterprises	3	1	ON/OFF	02.08.2024	8	2	1	4	8	2	17	8	25
Entrepreneurial development of farmers/youths	Income generation activities for empowerment of rural Women	3	1	ON/OFF	09.08.2024	8	2	1	4	8	2	17	8	25
WTO and IPR issues	Awareness and use of market intelligence	3	1	ON/OFF	13.08.2024	9	1	1	4	8	2	18	7	25
Entrepreneurial development of farmers/youths	Entrepreneurship Development though Beekeeping	3	1	ON/OFF	19.08.2024	8	2	1	4	8	2	17	8	25

PRA	Agro ecosystem analysis of adopted village	3	1	ON/OFF	03.09.2024	--	--	--	-	30	--	30	--	30
Group Dynamics	Formation and management of SHGs/JIGS	3	1	ON/OFF	06.09.2024	12	4	--	-	16	4	28	8	36
WTO and IPR issues	Awareness and use of market intelligence	3	1	ON/OFF	10.09.2024	8	2	1	4	8	2	17	8	25
Entrepreneurial development of farmers/youths	Entrepreneurship Development though Beekeeping	3	1	ON/OFF	13.09.2024	29	--	--	-	--	--	29	--	29
PRA	Agro ecosystem analysis of adopted village	4	1	ON/OFF	03.10.2024	9	1	1	4	8	2	18	7	25
Production technologies	Enhancement the crop productivity	4	1	ON/OFF	08.10.2024	9	1	1	4	8	2	18	7	25
Group Dynamics	Establishment and strengthening of Farmers Club	4	1	ON/OFF	16.10.2024	8	2	1	4	8	2	17	8	25
Leadership development	Capacity building and training for income generating activity.	4	1	ON/OFF	18.10.2024	--	--	--	-	30	--	30	--	30
Entrepreneurial development of farmers/youths	Small Scale income generating enterprises	4	1	ON/OFF	04.11.2024	9	1	1	4	8	2	18	7	25
Entrepreneurial development of	Income generation activities for empowerment of rural	4	1	ON/OFF	11.11.2024	8	2	1	4	8	2	17	8	25

farmers/youths	Women													
WTO and IPR issues	Awareness and use of market intelligence	4	1	ON/OFF	20.11.2024	--	--	--	-	30	--	30	--	30
Entrepreneurial development of farmers/youths	Entrepreneurship Development though Beekeeping	4	1	ON/OFF	27.11.2024	8	2	1	4	8	2	17	8	25
PRA	Agro ecosystem analysis of adopted village	4	1	ON/OFF	03.12.2024	8	2	1	4	8	2	17	8	25
Production technologies	Enhancement the crop productivity	4	1	ON/OFF	10.12.2024	9	1	1	4	8	2	18	7	25
Group Dynamics	Formation and Management of SHGs/JIGS	4	1	ON/OFF	18.12.2024	8	2	1	4	8	2	17	8	25
Entrepreneurial development of farmers/youths	Entrepreneurship Development through poultry	4	1	ON/OFF	24.12.2024	9	1	1	4	8	2	18	7	25
Total														**1875**
Rural Youth														
Entrepreneurial development of farmers/youths	Entrepreneurship Development through organic farming	1	4	ON/OFF	27.05.2024 to 30.05.2024	8	2	1	4	8	2	17	8	25
Entrepreneurial development of farmers/youths	Entrepreneurship Development through Beekeeping	2	4	ON/OFF	22.07.2024 to 25.07.2024	9	1	1	4	8	2	18	7	25

Production technologies	Productivity enhancement of Millets	3	4	ON/OFF	23.09.2024 to 26.09.2024	8	2	1	4	8	2	17	8	25
Entrepreneurial development of farmers/youths	Entrepreneurship Development through Poultry	4	4	ON/OFF	12.11.2024 to 15.11.2024	8	2	1	4	8	2	17	8	25
Total			**4**											**100**

Extension Functionaries														
Formation and Management of SHGs	Formation and Management of kisan club and SHGs and JLGS	1	2	ON/OFF	28.05.2024	7	2	1	4	6	5	14	11	25
Leadership development	Leadership development for Agro tech dissemination	2	2	ON/OFF	25.06.2024	6	2	1	4	8	4	15	10	25
Information networking among farmers	ICT practices for information and networking among farmers	3	2	ON/OFF	28.08.2024	6	2	1	4	7	5	14	11	25
Entrepreneurial development of farmers/youths	Entrepreneurial development of farmers/youths	4	2	ON/OFF	06.12.2024	6	2	1	4	8	4	15	10	25
Total			**4**											**100**

Home Science

Thematic area	Title of Training	Qtr No.	Duration (Days)	Venue On/ Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Practicing Farmers														
Women Empowerment	Importance of healthy lifestyle for women empowerment	I	1	Off/ On	22 Feb, 2024	2	1	1	1	15	5	18	7	25
Value Addition	Preservation of seasonal fruits and vegetables		1	Off/ On	23 Feb, 2024	2	1	1	1	15	5	18	7	25
Nutritional Security	Nutritional security through Nutri-Garden		1	Off/ On	27 Feb, 2024	2	1	1	1	15	5	18	7	25
Nutritional Management	Balanced diet Why it's important?		1	Off/ On	28 Feb, 2024	2	1	1	1	15	5	18	7	25
Women and Child Care	Importance of first 1000 day's of human life		1	Off/ On	2 Mar, 2024	2	1	1	1	15	5	18	7	25
Drudgery Reduction	Drudgery reduction techniques at household level		1	Off/ On	4 Mar, 2024	2	1	1	1	15	5	18	7	25
Minimization of Nutritional loss	Cooking techniques to minimize nutritional loss		1	Off/ On	6 Mar, 2024	2	1	1	1	15	5	18	7	25
Rural Crafts	Recycle/use of locally available material		1	Off/ On	7 Mar, 2024	2	1	1	1	15	5	18	7	25
Women Empowerment	Importance of healthy lifestyle for women empowerment	II	1	Off/ On	12 Apr, 2024	2	1	1	1	15	5	18	7	25
Value Addition	Preservation of seasonal fruits and vegetables		1	Off/ On	13 Apr, 2024	2	1	1	1	15	5	18	7	25
Nutritional Security	Nutritional security through Nutri-Garden		1	Off/ On	24 Apr, 2024	2	1	1	1	15	5	18	7	25
Nutritional Management	Balanced diet Why it's important?		1	Off/ On	26 Apr, 2024	2	1	1	1	15	5	18	7	25
Gender mainstreaming	Gender Mainstreaming through SHGs		1	Off/ On	3 May, 2024	2	1	1	1	15	5	18	7	25
Income Generation	Income generation activities in SHGs		1	Off/ On	4 May, 2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	Qtr No.	Duration (Days)	Venue On/ Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Enterprise Development	Pine apple Jam and squash making process		1	Off/ On	7 May, 2024	2	1	1	1	15	5	18	7	25
Women and Child Care	Sanitation and Hygiene Practice Techniques		1	Off/ On	8 May, 2024	2	1	1	1	15	5	18	7	25
Value Addition	Value addition of maize		1	Off/ On	4 June, 2024	2	1	1	1	15	5	18	7	25
Minimization of Nutritional loss	Minimization of nutrient loss while preparing food	II	1	Off/ On	5 June, 2024	2	1	1	1	15	5	18	7	25
Value Addition	Value added product of makhana		1	Off/ On	7 June, 2024	2	1	1	1	15	5	18	7	25
Nutritional Security	Development/maintenance of nutria-garden		1	Off/ On	12 June, 2024	2	1	1	1	15	5	18	7	25
Income Generation	Mushroom Cultivation Techniques	III	1	Off/ On	2 Jul, 2024	2	1	1	1	15	5	18	7	25
Women Empowerment	Madhubani painting technique		1	Off/ On	3 Jul, 2024	2	1	1	1	15	5	18	7	25
Nutritional security	Cause and remedy of micronutrient deficiency disease		1	Off/ On	4 Jul, 2024	2	1	1	1	15	5	18	7	25
Rural craft	Recycling of waste material		1	Off/ On	5 Jul, 2024	2	1	1	1	15	5	18	7	25
Enterprise Development	Pine apple Jam and squash making process		1	Off/ On	2 Aug, 2024	2	1	1	1	15	5	18	7	25
Income Generation	Income generation activities in SHGs		1	Off/ On	3 Aug, 2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	Qtr No.	Duration (Days)	Venue On/ Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Gender mainstreaming	Gender Mainstreaming through SHGs		1	Off/ On	6 Aug, 2024	2	1	1	1	15	5	18	7	25
Women and Child Care	Sanitation and Hygiene Practice Techniques		1	Off/ On	7 Aug, 2024	2	1	1	1	15	5	18	7	25
Value Addition	Value addition of maize		1	Off/ On	3 Sept, 2024	2	1	1	1	15	5	18	7	25
Minimization of Nutritional loss	Minimization of nutrient loss while preparing food		1	Off/ On	4 Sept, 2024	2	1	1	1	15	5	18	7	25
Nutritional Security	Development/maintenance of nutria-garden		1	Off/ On	10 Sept, 2024	2	1	1	1	15	5	18	7	25
Value Addition	Value added product of makhana		1	Off/ On	11 Sept, 2024	2	1	1	1	15	5	18	7	25
Income Generation	Mushroom Cultivation Techniques	IV	1	Off/ On	4 Oct, 2024	2	1	1	1	15	5	18	7	25
Value Addition	Value added product of Mushroom		1	Off/ On	5 Oct, 2024	2	1	1	1	15	5	18	7	25
Women and Child Care	Awareness about Nutrient rich food		1	Off/ On	7 Oct, 2024	2	1	1	1	15	5	18	7	25
Drudgery Reduction	Introduction of farm equipment for drudgery reduction		1	Off/ On	8 Oct, 2024	2	1	1	1	15	5	18	7	25
Value addition	Value added product of seasonal fruits and vegetables		1	Off/ On	1 Nov, 2024	2	1	1	1	15	5	18	7	25
Nutritional Security	Nutritional security though best use of available seasonal farm produce		1	Off/ On	2 Nov, 2024	2	1	1	1	15	5	18	7	25
Rural craft	Madhubani painting on different decorative materials		1	Off/ On	5 Nov, 2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	Qtr No.	Duration (Days)	Venue On/ Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Income Generation	Income Generation through millets food products production		1	Off/ On	6 Nov, 2024	2	1	1	1	15	5	18	7	25
Gender mainstreaming	Gender Mainstreaming through SHGs		1	Off/ On	2 Dec, 2024	2	1	1	1	15	5	18	7	25
Women Empowerment	Importance of healthy lifestyle for women empowerment		1	Off/ On	3 Dec, 2024	2	1	1	1	15	5	18	7	25
Value Addition	Preservation of seasonal fruits and vegetables		1	Off/ On	4 Dec, 2024	2	1	1	1	15	5	18	7	25
Nutritional Security	Nutritional security through Nutri-Garden		1	Off/ On	5 Dec, 2024	2	1	1	1	15	5	18	7	25
Rural Youth														
Income Generation	Tie and die techniques	II	5	Off/ On	10-14 June, 2024	2	1	1	1	15	5	18	7	25
Women and Child Care	Role of health and nutrition during first 1000 days of human life	III	5	Off/ On	19-23 Aug, 2024	2	1	1	1	15	5	18	7	25
Nutritional Security	Nutri-garden development and it's management	IV	5	Off/ On	14- 18 Oct, 2024	2	1	1	1	15	5	18	7	25
Value Addition	Pineapple preservation through jam and squash preparation	IV	5	Off/ On	9-13 Dec 2024	2	1	1	1	15	5	18	7	25
Extension Functionaries														
Women Empowerment	Women empowerment through Income generation activity	II	2	Off/ On	21-22 May,2024	2	1	1	1	15	5	18	7	25
Value Addition	Value added products of seasonal fruits and vegetables	III	2	Off/ On	11-12 July, 2024	2	1	1	1	15	5	18	7	25
Women and child care	Nutritional Awareness		2	Off/ On	Aug,2024	2	1	1	1	15	5	18	7	25

Thematic area	Title of Training	Qtr No.	Duration (Days)	Venue On/ Off	Tentative Date	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Rural craft	Jute craft designing and development	IV	2	Off/ On	19-20 Sept, 2024	2	1	1	1	15	5	18	7	25
Minimization of Nutritional loss	Awareness of minimization of Nutritional loss and anti-nutritional factor in food		2	Off/ On	18-19 Oct, 2024	2	1	1	1	15	5	18	7	25
Nutritional security	Seasonal Nutri-garden development and it's management		2	Off/ On	19-20 Nov, 2024	2	1	1	1	15	5	18	7	25
Total						**108**	**54**	**54**	**54**	**810**	**270**	**972**	**378**	**1350**

12. (A) Skill Development training to be organized (January to December 2024)

Sl. No.	Job Role	Duration (hrs)	No. of participants	Remarks
1	Vermicompost	240	30	BSDM (RPL)

13. Frontline demonstration to be conducted 2024

Sl. No	Season	Crop	Variety	Technology	Area in ha.	No. of Demonstration
1.	Kharif	Rice	CR Dhan- 311 (Mukul)	Improved Seed	5.0	10
2.	Kharif	Finger Millet	Available Variety	Improved Seed	5.0	10
3.	Rabi	Pseudo Millet (Buck Wheat)	Him Priya	Improved Seed	5.0	10
4.	Kharif	Wheat	Varietal improvement (Bio-fortified variety)	Improved Seed	5.0	10
5.	Summer	Jute			4.0	10
6.	Kharif	Brinjal	Existing Farmer's Variety / Hybrid	Emamectin Benzoate 5 SG for management of Fruit and Shoot borer	4.0	20
7.	Rabi	Maize	Existing Farmer's Variety / Hybrid	Emamectin benzoate 5SG, Thiomethoxame and Lamdacyhalothrin for management of fall army worm	4.0	20
8.	Rabi	Mobile SD Card	--	Transfer of Technology	--	30
9.	Rabi	Makhana	Sabour Makhana – 1	Improved Seed	7.0	7
10.	Rabi	Pine apple	Existing Farmer's Variety / Joint Kew	Post emergence herbicide for weed control	4.0	10
11.	Kharif	Mango	----	Use of paclobutrazole for regular bearing	4.0	15
12.	Kharif	Pine apple	Existing Farmer's Variety / Joint Kew	Use of planofixfor synchronising flowering in pineapple	4.0	10
13.	Kharif	vegetable kit	----	Importance and nutritional aspects of vegetables for human consumption	1.0	30
14.	Kharif	Papaya			1.0	30
15.	Rabi	Button Mushroom	Button Mushroom		--	50
Total					**51**	**125**

Crop/ Technology: Rice
Thrust Area: Popularization of Protein and Zinc Fortified variety
Thematic Area: Varietal improvement
Season: Kharif
Farming Situation: Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Rice	5.0	Varietal improvement (CR Dhan- 311 (Mukul) Protein and Zinc Fortified variety)	Yield	Seed	-	-	2	-	-		8	0	10	0	10

Crop/ Technology: Finger Millet
Thrust Area: Millet popularization.
Thematic Area: Millet cultivation
Season: Kharif
Farming Situation: Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha) / Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Finger Millet	4	Available Variety	Yield	Seed	-	-	2	-	-	-	6	2	8	2	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field Day	Field day of Millet	1	PF & EF	1	Off	15	5	-	-	25	5	40	10	50
Training	Popularization of millet	2	PF & EF	6		15	5	-	-	25	5	40	10	50

Crop/ Technology: Pseudo Millet (Buck Wheat)
Thrust Area: Popularization of bio-fortified seed
Thematic Area: Nutritional security
Season: Rabi
Farming Situation: Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Pseudo Millet (Buck Wheat)	5	Cultivation technique of buck wheat	Yield	Seed	-	-	1	1	-	-	6	2	7	3	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Scientific cultivation of buck wheat	2	PF	2	ON/Off	5	10	-	-	5	10	10	20	30

Crop/ Technology: Wheat
Thrust Area: Popularization Bio-fortified variety
Thematic Area: Varietal improvement
Season: Rabi
Farming Situation: Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Wheat	5.0	Varietal improvement (Bio-fortified variety)	Yield	Seed	-	-	2	-	-		8	0	10	0	10

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field Day	Field day	1	PF & EF	1	Off	15	5	-	-	25	5	40	10	50

Crop: Jute
Thrust Area: Management of jute based farming system

Thematic Area: Farm Mechanization
Season: Summer
Farming Situation: Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Jute	4	Jute sowing by multi row jute seed drill	Field capacity, Yield	Seed, Jute Seed Drill	-	-	0	0	1	0	9	0	10	0	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Scientific cultivation of jute	1	PF	2	Off	5	10	-	-	5	10	10	20	30
Field Day	Scientific cultivation of jute	1	PF	1	Off	5	10	-	-	5	10	10	20	30

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training														
Field Day														

Crop / Technology: Brinjal / Emamectin Benzoate 5 SG for management of Fruit and Shoot borer
Thrust Area: Integrated pest management practices for sustainable vegetable crops
Thematic Area: Integrated Pest Management
Season: Kharif
Farming Situation: Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T

1	Brinjal	4	Emamectin Benzoate 5 SG for management of Fruit and Shoot borer	Yield	Emamectin Benzoate 5 SG	-	-	2	2	2	2	8	4	12	8	20

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Scientific cultivation of vegetables	3	PF	3	Off	10	20	-	-	10	20	20	40	60

Crop/ Technology: Maize/ Package of insecticide for Fall Army Worm

Thrust Area: Integrated pest management for sustainable agriculture

Thematic Area: Integrated pest management

Season: Rabi

Farming Situation: Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Maize	08	Emamectin benzoate 5SG, Thiomethoxame and Lamdacyhalothrin	Yield	Insecticide	-	-	4	-	-	-	12	4	16	4	20

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field Day and training	Performance of Insecticide for control of fall army worm	1	PF & EF	1	Off	15	5	-	-	25	5	40	10	50

Crop/Enterprise: Mobile SD Card
Thrust Area: Transfer of Technology
Thematic Area: ICT

Season: Kharif
Farming Situation:

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1.	Mobile SD Card		30		Mobile SD Card			6	0	0	7	17	0	23	7	30

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Use of ICT in Agriculture	01	PF	01	ON	3	2	3	2	15	5	21	9	30

Crop/ Technology: Makhana
Thrust Area: Management of wet land
Thematic Area: Wet land development
Season: Rabi
Farming Situation: Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
								SC		ST		Other		Total		
					Name of Inputs	Demo	Local	M	F	M	F	M	F	M	F	T
1	Makhana	1.0	SabourMakhana - 1	Yield	Seed	-	-	1	-	-		4	0	5	0	5

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants				
						SC	ST	Other	Total	

						M	F	M	F	M	F	M	F	T
Field Day	Cultivation of makhana	1	PF & EF	1	Off	15	5	-	-	25	5	40	10	50

Crop/ Technology: Pineapple/ Post-emergence herbicide
Thrust Area: Management of pineapple based cropping system
Thematic Area: Weed management
Season: Kharif
Farming Situation: Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Pineapple	2.0	Post-emergence herbicide	Yield	chemicals	-	-	2	-	2		4	2	8	2	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field Day	Performance of post-emergence herbicides in pineapple	1	PF & EF	1	Off	15	5	-	-	25	5	40	10	50

Crop/ Technology: Pineapple/ Synchronizing flowering in pineapple
Thrust Area: Management of pineapple based cropping system
Thematic Area: Plant growth regulators
Season: Kharif
Farming Situation: Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Pineapple	4.0	Use of planofixfor synchronising flowering in pineapple	Yield	chemicals	-	-	2	-	2		4	2	8	2	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T

Field Day	Performance of planofix in pineapple	1	PF & EF	1	Off	15	5	-	-	25	5	40	10	50

Crop/ Technology: Papaya/
Thrust Area: Management of papaya based cropping system
Thematic Area: Plant growth regulators
Season: Kharif
Farming Situation: Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Papaya	2.0	Use of planofix for synchronising flowering in papaya	Yield	Planting material	-	-	2	-	2		4	2	8	2	10

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field Day	Performance of planofix in papaya	1	PF & EF	1	Off	15	5	-	-	25	5	40	10	50

Crop/ Technology: Cauliflower Productivity Enhancement of crops
Thrust Area: Management of cauliflower based cropping system
Thematic Area: Production and management technology
Season: Kharif
Farming Situation: Irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Cauliflower	1.0	Use of borax for control	Yield	Planting material	-	-	2	-	2		4	2	8	2	10

			browning in cauliflower		+ Chemicals											

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Field Day	Performance of borax in cauliflower	1	PF & EF	1	Off	15	5	-	-	25	5	40	10	50

Crop/Enterprise: vegetable kit
Thrust Area: lack of knowledge about nutrition
Thematic Area: Nutri garden
Season: Kharif
Farming Situation: irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Vegetable kit	1.0	Importance and nutritional aspects ofvegetables for human consumption					6	0	0	7	17	0	23	7	30

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T

Training		01	PF	01	ON	3	2	3	2	15	5	21	9	30

Crop/Enterprise: Papaya
Thrust Area: Nutritional security
Thematic Area: Nutri garden
Season: Kharif
Farming Situation: irrigated

Sl. No.	Crop & variety / Enterprises	Proposed Area (ha)/ Unit (No.)	Technology package for demonstration	Parameter (Data) in relation to technology demonstrated	Cost of Cultivation (Rs.)			No. of farmers / demonstration								
					Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Papaya	1.0	plants		plants			6	0	0	7	17	0	23	7	30

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Importance and nutritional aspects of papaya for human consumption	01	PF	01	ON/off	3	2	3	2	15	5	21	9	30
Field day	Different preparation and value added products of papaya	01	PF/RY	01	OFF	6	0	4	0	20	20	30	20	50

Crop/Enterprise: Button Mushroom
Thrust Area: Nutritional security
Thematic Area: Income generation
Season: Rabi
Farming Situation: Irrigated

Sl.	Crop & variety /	Proposed	Technology package	Parameter (Data)	Cost of Cultivation (Rs.)	No. of farmers / demonstration

No.	Enterprises	Area (ha)/ Unit (No.)	for demonstration	in relation to technology demonstrated	Name of Inputs	Demo	Local	SC		ST		Other		Total		
								M	F	M	F	M	F	M	F	T
1	Button Mushroom	50 PF	Spawn, polythene bag, Bavistin, formaline	Yield per bag	Spawn, polythene bag, Bavistin, formaline			15	15	0	0	10	10	25	25	50

Extension and Training activities under FLD:

Activity	Title of Activity	No.	Clientele	Duration	Venue On/Off	No. of Participants								
						SC		ST		Other		Total		
						M	F	M	F	M	F	M	F	T
Training	Straw sterilization preparation of bag and casing preparation	01	PF/FW	01	ON	15	15	0	0	10	10	25	25	50
Field day	Income generation through Mushroom production	01	PF/FW	01	off	15	15	0	0	10	10	25	25	50

13 (A). Cluster Front Line Demonstration (CFLD)

Sl. No	Season	Crop	Variety	Technology	Area in ha.	No. of Demonstration
1.	Rabi	Oilseed	R-Suflam	Popularization of oilseed crop in rabi season	20	50

13 (B). National Innovations in Climate Resilient Agriculture (NICRA).

SL.NO	Season	Crop/Animals	Variety/Breed	Technology	Area in ha./No.	No. of demonstration
1	**Summer**	Jute	JRO-204		05	20
		Makhana	Sabour makhana -1	Makhana Production	07	07
3.	**Kharif**	Paddy	Swarna sub-1	Flood Tolerant Variety	24	60
			Sabour Sampann	Flood and drought tolerant variety	08	20
4		Banana	G-9	Banana production	2	20
			Bunch cover	PP. bag	10 PC	20
5	**Rabi**	Maize	P-3526	Raised bed maize	08	20
5		Potato	Kufri Pukhraj	Raised bed potato	01	20
7		Oat	Kent	Fodder production	01	20
8	**Others**	Dairy Animal	Cow	Mineral mixture	100 PC	20
9		Duck	Khaki Campbell	Duck farming	500 PC	20
10		Poultry	Banraja	Backyard Poultry	500 PC	20
11		Fish	Indian major carp	Fish feed	20 pond	20
12		Compost	-	Vermicompost unit	10 unit	10

13 (C). Makhana Development Scheme, Govt. of Bihar.

Sl. No	Season	Crop/ Animals	Variety/ Breed	Technology	Area in ha.	No. of Demonstration
1.	Summer	Makhana	Sabour Makhana – 1	Makaha Production	50	50

13 (D). Demonstration under Climate Resilient Agriculture Programme, Govt. of Bihar.

Sl. No	Season	Name of Technology	Area (ha)	No. of demonstrations
1	Summer 2023	Line sowing of green gram	4	10
		Green manuring with sesbania	100	240
2	Kharif 2023	DSR/line sowing with climate resilient variety	168	420
		Water harvesting and field bunding in paddy	24	60
		Alternate wetting and drying of paddy	16	40
		INM/ green seeker based nutrient management in paddy	16	40
		Ginger-bitter gourd intercropping	6	15
		Community irrigation	8	20
3	Rabi 2023-23	Raised Bed Maize	220.8	1104
		Zero tillage wheat	4	10
		INM wheat	4	10
		Raised Bed mustard	10	25
		Raised Bed Potato	1.2	10
		Community irrigation	8	20
		Leaser Land Leveling	40	100
Total			**630**	**2134**

14 a) Seed and planting material production by utilization of instructional farm (Crops / Enterprises)

Name of the Crop / Enterprise	Variety / Type	Period From Jan to December 2023	Area (ha.)	Details of Production				
				Type of Produce	Expected Production (quintals)	Cost of inputs (Rs.)	Expected Gross income (Rs.)	Expected Net Income (Rs.)
Paddy	Sabour Sampann	Kharif	4.6	Seed	160.00	135000.00	532000.00	397000.00
Wheat	HD-2967	Rabi	4.0	Seed	80.00	80000.00	320000.00	240000.00
Mustard	R.Suflam	Rabi	1.0	Seed	08.00	10000.00	88000.00	78000.00
Dragon Fruit	Red cover with red flesh	-	0.035	Cutting	4000 no.	10000.00	240000.00	230000.00
Guava	VNR-VIHI/ Allahabad Safeda	-	0.050	Plant	1000 no.	20000.00	40000.00	20000.00
Cauliflower	Sabour Agrim	Rabi	-	Sapling	5000 no.	2000.00	5000.00	3000.00
Total					**248 q 10000 no.**	**257000.00**	**1225000.00**	**968000.00**

15. Extension Activities

Sl. No.	Activities/ Sub-activities	No. of activities proposed	Total		
			Male	Female	Total
1.	Field Day	05	160	90	250
2.	Kisan Mela	02	720	180	1000
3.	Kisan Ghosthi	05	330	170	500
4.	Exhibition	02	165	35	200
5.	Workshop	01	0	0	50
6.	Advisory Services	750	840	220	1060
7.	Scientific visit to farmers field	75	165	35	200
8.	Farmers visit to KVK	550	450	100	550
9.	Diagnostic visits	45	370	80	450
10.	Exposure visits	02	40	10	50
11.	Ex-trainees Sammelan	01	30	20	50
12.	Soil health Camp	02	60	40	100
13.	Animal Health Camp	02	60	40	100
14.	Soil test campaigns	02	60	40	100
15.	Celebration of important days (specify)	06	170	130	300
16.	Swatchta Hi Sewa	06	170	130	300
17.	Mahila Kisan Diwas	01	0	50	50
18.	Any Other (Specify)	25	250	100	350
	Total	**1482**	**4040**	**1420**	**5660**

16. Revolving Fund (in Rs.)

Opening balance of 2024-2025 (As on 01.04.2024)	Amount proposed to be invested during 2024-25	Expected Return
55,82,032.56		

17. Expected fund from other sources and its proposed utilization

Project	Source	Amount to be received (Rs. in lakh)
Assessment and validation of technology	ATMA, Kishanganj	0.50

19. ON FARM TRIAL

OFT-1 (Agronomy)

i.	**Season:**	Kharif
ii.	**Title of the OFT**	**Improvement of Nitrogen use efficiency in rice**
iii.	**Thematic Area:**	INM
iv.	**Problem diagnosed**	**Excessive use of chemical fertilizer and Spiraling price of urea leads to increase in cost of cultivation**
v.	**Important Cause**	low nitrogen use efficiency and Low yield of paddy
vi.	**Production system:**	Rice-wheat cropping system
vii.	**Micro farming system:**	Irrigated, low land condition
viii.	**Technology for Testing:**	Farmers practice- **RDF (100:40:20) Kg/ha** TO1- **50% of RDN & 100% PK + nano urea @4ml/lt. water (Single spray at pre flowering stage)**. TO2- **50% of RDN & 100% PK + 2 sprays of Nano Urea at (25 to 30 days) and (60-65 days) @ 4 ml/lt water.** **(Especially for Medium duration variety of BAU Sabour, BAU Ranchi and Dr RPCAU, Pusa, ICAR RCER, Patna)**
ix.	**Existing Practice:**	Use of granule urea
x.	**Hypothesis:**	All treatment have same yield
xi.	**Objective(s):**	Increase the nitrogen use efficiency in paddy
xii.	**Treatments**	TO1- **50% of RDN & 100% PK + nano urea @4ml/lt. water (Single spray at pre flowering stage)**. TO2- **50% of RDN & 100% PK + 2 sprays of Nano Urea at (25 to 30 days) and (60-65 days) @ 4 ml/lt water.** **(Especially for Medium duration variety of BAU Sabour, BAU Ranchi and Dr RPCAU, Pusa, ICAR RCER, Patna)**
xiii.	**Critical Inputs:**	Seed, Nano urea
xiv.	**Unit Size:**	1 acre
xv.	**No of Replications:**	7
xvi.	**Unit Cost:**	1500
xvii.	**Total Cost:**	10500
xviii.	**Monitoring Indicator:**	Soil data before and after (pH, EC, OC, NPK,), Yield data, No. of effective tillers/m2, 1000 grain weight, Panicle weight, Grain and Straw yield and Economics.
xix.	**Source of Technology (ICAR/AICRP/SAU/ Other, please specify):**	BAU, Sabour

OFT-2 (Agronomy)

i.	**Season:**	Rabi
ii.	**Title of the OFT**	**Improvement of Nitrogen use efficiency in wheat.**
iii.	**Thematic Area:**	INM
iv.	**Problem diagnosed**	**Excessive use of chemical fertilizer and Spiraling price of urea leads to increase in cost of cultivation**
v.	**Important Cause**	low nitrogen use efficiency and Low yield
vi.	**Production system:**	Rice-wheat cropping system
vii.	**Micro farming system:**	Irrigated, low land condition
viii.	**Technology for Testing:**	Farmers practice- **RDF (100:40:20) Kg/ha** TO1- **50% of RDN & 100% PK + nano urea @4ml/lt. water (Single spray at 35 DAS).** TO2- **50% of RDN & 100% PK + 2 sprays of Nano Urea at (35 DAS) and (60-65DAS) @ 4 ml/lt water.** **(Timely sown variety of BAU Sabour. BAU Ranchi and RPCAU, Pusa, ICAR RCER, Patna)** **Under Rice-Wheat cropping system.**
ix.	**Existing Practice:**	Use of granule urea
x.	**Hypothesis:**	All treatment have same yield
xi.	**Objective(s):**	Increase the nitrogen use efficiency in wheat
xii.	**Treatments**	TO1- **50% of RDN & 100% PK + nano urea @4ml/lt. water (Single spray at 35 DAS).** TO2- **50% of RDN & 100% PK + 2 sprays of Nano Urea at (35 DAS) and (60-65DAS) @ 4 ml/lt water.** **(Timely sown variety of BAU Sabour. BAU Ranchi and RPCAU, Pusa, ICAR RCER, Patna)** **Under Rice-Wheat cropping system.**
xiii.	**Critical Inputs:**	Seed, Nano urea
xiv.	**Unit Size:**	1 acre
xv.	**No of Replications:**	7
xvi.	**Unit Cost:**	4500
xvii.	**Total Cost:**	31500
xviii.	**Monitoring Indicator:**	Soil data before and after (pH, EC, OC, NPK,), Yield data, No. of effective tillers/m^2, 1000 grain wt., Ear weight, Straw yield and Economics.
xix.	**Source of Technology (ICAR/AICRP/SAU/ Other, please specify):**	BAU, Sabour

OFT-3 (Agronomy)

i.	**Season:**	Rabi
ii.	**Title of the OFT**	**Improvement of winter maize yield by weed management.**
iii.	**Thematic Area:**	Weed management
iv.	**Problem diagnosed**	**Excessive weed growth at early stage leads to decrease in the yield of maize**
v.	**Important Cause**	Higher weed-crop competition and Low yield
vi.	**Production system:**	Rice-maize cropping system
vii.	**Micro farmingsystem:**	Irrigated, low land condition
viii.	**Technology for Testing:**	Farmers practice- **Atrazine a.i. 750 g/ha as pre-emergence** TO1- **Pendimethalin +Atrazine a.i. (225+500 g/ha) as pre-emergence and Tembotrione a.i. 125 g/ha at 25 DAS** TO2- **Tembotrione a.i. 125 g/ha + Atrazine a.i. 312.5 g/ha (tank mix) at 25 DAS** TO3- **Atrazine a.i. 500 g/ha as pre-emergence and Topramezone a.i. 30 g/ha at 25 DAS** **(KVK, Pathankot, Punjab; IIMR, Ludhiana)**
ix.	**Existing Practice:**	**Atrazine a.i. 500 g/ha as pre-emergence**
x.	**Hypothesis:**	All treatment has same yield
xi.	**Objective(s):**	Increase the yield by reducing crop-weed competition
xii.	**Treatments**	TO1- **Pendimethalin +Atrazine a.i. (225+500 g/ha) as pre-emergence and Tembotrione a.i. 125 g/ha at 25 DAS** TO2- **Tembotrione a.i. 125 g/ha + Atrazine a.i. 312.5 g/ha (tank mix) at 25 DAS** TO3- **Atrazine a.i. 500 g/ha as pre-emergence and Topramezone a.i. 30 g/ha at 25 DAS**
xiii.	**Critical Inputs:**	Seed, Herbicide
xiv.	**Unit Size:**	1 acre
xv.	**No of Replications:**	5
xvi.	**Unit Cost:**	4500
vii.	**Total Cost:**	22500
viii.	**Monitoring Indicator:**	Soil data before and after (pH, EC, OC, NPK,), No. of weeds m^{-2}at 20 DAS, 45 DAS, weed biomass m^{-2} at 20 DAS, 45 DAS, No. of cob/plant, Stone yield, Yield data, 100 grain wt., cob weight, Straw yield and Economics.
xix.	**Source of Technology (ICAR/AICRP/SAU/ Other, please specify):**	**(KVK, Pathankot, Punjab; IIMR, Ludhiana)**

OFT-4 (Entomology)

	Season:	Kharif
	Title of the OFT	Evaluation of different fungicide against false smut disease of rice.
	Thematic Area:	Integrated Disease management
	Problem diagnosed	This disease occurred in all rice growing area of Kishanganj mild to severe for year by year and crop yield losses up to 50 per cent.
	Important Cause	False smut disease affects the productivity of rice.
	Production system:	Rice-wheat/maize cropping system
v	**Micro farming system:**	Medium and low land
v	**Technology for Testing:**	**TO_1:Farmers practice :** Application of fungicide Carbedazim 50 wp @2 gm/l water **TO_2:** Seed treatment with Carbedazim 50 wp@ 2gm/kg of seed + one spray of Carbedazim 50 wp @2 gm/l water at milking stage. **TO_3:** Seed treatment with Carbedazim 50 wp@ 2gm/kg of seed + one spray of Propiconazole @2 ml/l water at milking stage. **TO_4:** Seed treatment with Carbedazim 50 wp@ 2gm/kg of seed + two spray of Propiconazole @2 ml/l water at booting and milking stage.
	Existing Practice:	Application of fungicide Carbedazim 50 wp @2 gm/l water
	Hypothesis:	Proper use of fungicide will increase the yield
	Objective(s):	To enhance the income of farmers .
x	**Treatments**	**TO_1:Farmers practice :** Application of fungicide Carbedazim 50 wp @2 gm/l water **TO_2:** Seed treatment with Carbedazim 50 wp@ 2gm/kg of seed + one spray of Carbedazim 50 wp @2 gm/l water at milking stage. **TO_3:** Seed treatment with Carbedazim 50 wp@ 2gm/kg of seed + one spray of Propiconazole @2 ml/l water at milking stage. **TO_4:** Seed treatment with Carbedazim 50 wp@ 2gm/kg of seed + two spray of Propiconazole @2 ml/l water at booting and milking stage.
x	**Critical Inputs:**	Fungicide
x	**Unit Size:**	1000 sqm
x	**No of Replications:**	10
x	**Unit Cost:**	1000
xv	**Total Cost:**	10000
xv	**Monitoring Indicator:**	Technological observations: Disease Incidence (%) Yield (q/ha) Economic indicators: Cost of cultivation(Rs.) Net return (Rs.) B:C Ratio
x	**Source ofTechnology (ICAR/AICRP/SAU/ Other, please specify):**	DRR, Hyderabad

OFT – 5 (Entomology)

	Season:	Rabi
	Title of the OFT	Management of late blight of potato (*Phytophthora infestans*)
i	**Thematic Area:**	Integrated Disease management
i	**Problem diagnosed**	Low productivity of potato (30-40% yield loss) due to late blight disease.
	Important Cause	Late blight disease affects the productivity of potato.
v	**Production system:**	Rice-Potato cropping system
v	**Micro farming system:**	Up and Medium land
vi	**Technology for Testing:**	TO1- Farmers practice- Foliar spray of Mancozeb@2gm/lt.water after initiation of symptoms TO2-3spray of Mancozeb@3gm/lt.water at 10 days interval right from 30 days of planting TO3-2spray of Metalaxyl+Mancozeb 72%WP @3gm/lt at 15 days interval from 30th day of planting.
i	**Existing Practice:**	Foliar spray of Mancozeb@2gm/lt.water after initiation of symptoms
	Hypothesis:	Proper use of fungicide will increase the yield
x	**Objective(s):**	To enhance the income of farmers .
x	**Treatments**	TO1- Farmers practice- Foliar spray of Mancozeb@2gm/lt.water after initiation of symptoms TO2-3spray of Mancozeb@3gm/lt.water at 10 days interval right from 30 days of planting TO3 -2spray of Metalaxyl+Mancozeb 72%WP @3gm/lt at 15 days interval from 30th day of planting.
xi	**Critical Inputs:**	Fungicide
xi	**Unit Size:**	1000 sqm
x	**No of Replications:**	10
xv	**Unit Cost:**	1000
xv	**Total Cost:**	10000
xvi	**Monitoring Indicator:**	Technological observations: Disease Incidence (%) Yield (q/ha) Economic indicators: Cost of cultivation(Rs.) Net return (Rs.) B:C Ratio
xi	**Source ofTechnology (ICAR/AICRP/SAU/ Other, please specify):**	**BAU, Ranchi**

OFT-6 (Horticulture)

1.	**Season:**	**Kharif**
2.	Title of On farm Trial (OFT)	**Assessment of fruit bagging in Guava for quality improvement**
3.	**Thematic Area:**	Cultivation of fruits / Export potential fruits
4.	Problem diagnosed	Low guava productivity and income result from flower and fruit drop, black spot, and fruit fly issues.
5.	**Important Cause**	Above issues significantly impact the overall yield and quality of guava crops.
6.	**Production system:**	Guava based cropping system
7.	**Micro farming system:**	Medium and up land situation
8.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice- **No Bagging** TO1- **Cellophane bag cover** TO2- **Paper bagging**
9.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Finalization in OFT workshop held in BAU, Sabour
10.	**Treatments**	Farmers practice- **No Bagging** TO1- **Cellophane bag cover** TO2- **Paper bagging**
11.	Constraints identified and feedback for research	Days to maturity, Fruit fly damage (%), Disease incidence (%), physical damage (%), Fruit wt.(gram), Appearance pulp colour, Shelf life (days), Yield per tree or per ha, Economics (Rs./ha)
12.	**Critical Inputs:**	Paper bags
13.	**Unit Size:**	
14.	**No of Replications:**	08
15.	**Unit cost:**	1.25 (per bag)
16.	**Total cost:**	7500
17.	**Monitoring Indicator:**	**Technological observations:** Days to maturity, Fruit fly damage (%), Disease incidence (%), physical damage (%), Fruit wt.(gram), Appearance pulp colour, Shelf life (days), Yield per tree or per ha **Economics:** • Cost of cultivation (Rs/ha) • Net return (Rs/ha) B:C ratio
18.	Process of farmers participation and their reaction	Training, group meeting and gosthi

OFT – 7 (Horticulture)

I.	**Season:**	Rabi
II.	**Title of the OFT**	**Assessment of microbial consortia against wilting in Tomato**
III.	**Thematic Area:**	Yield increment
IV.	**Problem diagnosed**	Tomato producers are facing increasing costs of cultivation, incidence of bacterial wilt, leaf curl, late blight, cracking, cate face and puffiness.
V.	**Important Cause**	Low yield accompanied with high cultivation costs, incidence of wilt, and delay in growing the following crop in the field.
VI.	**Production system:**	Tomato based cropping system
VII.	**Micro farming system:**	Medium and up land situation
VIII.	**Technology for Testing:**	IIHR Consortia (Arka microbial consortia) NRC Ltichi consortia
IX.	**Existing Practice:**	Farmers practice chemical pesticides
X.	**Hypothesis:**	a. Low incidence of wilt (99 % reduction of damage by wilt) and delayed late blight incident. b. Effective way of disease and pest management (80-95 % reduction of wilt incidence) c. Early harvesting to facilitate timely sowing of upcoming crops.
XI.	**Objective(s):**	Climate resilient technology based tomato production
XII.	**Treatments**	a. *Farmer's Practice: chemical pesticides* b. TO_1 – IIHR Consortia (Arka microbial consortia) **a.** TO_2 – NRC Litchi consortia
XIII.	**Critical Inputs:**	Consortia
XIV.	**Unit Size:**	1000 m^2
XV.	**No of Replications:**	10
XVI.	**Unit Cost:**	
XVII.	**Total Cost:**	
XVIII.	**Monitoring Indicator:**	**A. Technological observations:** • Initial plant population • First wilt incidence (DAT) • Wilting percentage at 15, 30, 45,60 and 75 DAT • Average Yield (q/ha.) **B. Economics:** • Cost of cultivation (Rs/ha) • Net return (Rs/ha) • B:C ratio
XIX.	**Source of Technology (ICAR/AICRP/SAU/ Other, please specify):**	OFT Finalization workshop at BAU Sabour

OF – 8 (Agril. Extension Education)

S.No.	Particulars	Description
1.	**Intervention**	Extension Education
2.	**Title**	Assessing the Extension Education Methods for awareness and use of Soil Health Card
3.	**Problem diagnose**	Farmers unawareness about Soil Health Card
5	**Thematic area**	Assessment analysis
6.	**Source of technology**	OFT Workshop at ATARI, Patna
7.	**Technology option**	TO_1: Farmers having SHC with Training Literature TO_2: Farmers having SHC with Customized Social media advisory To_3: Farmers having SHC with Training Literature and Customized Social Media Advisory
8	No. of Respondents:	60
9	Observation to be taken:	1. Knowledge related to SHC 2. Change in Awareness level with respect to use of SHC 3. Adoption of Recommended Practice in relation to SHC 4. Data related to Extension Efficiency Parameter

OF – 9 (Agril. Extension Education)
OFT – 10 (Agril. Extension Education)

SN	Particulars	Description
1.	**Intervention**	Extension Education
2.	**Title**	Assessment of effectiveness extension methods for dissemination of commercial Maize production technologies
3.	**Problem diagnose**	Lack of improved technologies due to inappropriate extension method
5	**Thematic area**	HRD
6.	**Source of technology**	OFT finalization workshop at ICAR – ATARI, Patna during 26 September, 2022.
7.	**Technology option**	Farmers Practice: Without extension education method TO – I: Individual contact method (farm and home visit) TO–II: Group contact method (Demonstration, lecture, participatory discussion/training) TO – III: Mass contact (Leaflet, mobile advisory, A/V film)
8.	**No. of Respondents:**	120 (60 Farmers+ 60 Extension Personnel)
9.	**Observation to be taken:**	1. Pattern of use of Extension methods among farmers 2. Effectiveness intensity index of methods perceived by farmers 3. Effectiveness intensity index of methods perceived by Extension personnel.

Si. No.	Particulars	Description
1.	**Intervention**	Extension Education
2.	**Title**	Assessment of diversification on socio-economic status of farmers
3.	**Problem diagnose**	Low economic return from Paddy -Maize cropping system
4.	**Farming situation**	Irrigated
5.	**Thematic area**	HRD
6.	**Farmers' Practices**	Paddy – Maize
7.	**Details of technology identified for solution**	Paddy– Maize – Vegetables
8.	**Technology option**	Farmers Practice: Without extension education method **T_0 -** Paddy – Maize **T_1-** Paddy– Maize – Vegetables
9.	**No. of Respondents:**	20
10.	**Critical inputs**	seed
11.	**Source of technology**	IIFSR, Modipuram, Meerut
12.	**Total Cost**	Rs. 10000
13	**Economical**	B:C ratio
14	**Observation to be taken:**	1. Socio-economic profile of farmers. 2. Annual employment generation

OFT – 10 (Home Science)

SN	Particulars	Description
1.	**Intervention**	Home Science
2.	**Title**	Knowledge and skill acquisition of Women regarding value-added products of maize.
3.	**Micro farming situation**	Home stead
4.	**Thematic area**	Nutritional Security
5.	**Problem diagnose**	Malnutrition in children
6.	**Potential solution**	Maize is grown in abundance in the district and people are not aware about nutritional benefit of value-added products of maize.
7.	**Source of technology**	CCS, Haryana, AU, Hisar
8.	**Technology option**	To_1: Farmer's Practice (maize roti) To_2: Ladoo To_3: Halwa To_4: Pakora
9.	**No. of Respondents:**	10
10.	**Observation to be taken:**	5. Technical observations- organoleptic evaluation 6. Economic indicator – cost, net Return 7. Farmer's reaction/feedback- after getting result

OFT – 11 (Home Science)

SN	Particulars	Description
1.	**Intervention**	Home Science
2.	**Title**	Assessment of Skill acquisition of Women regarding value-added products of pineapple.
3.	**Micro farming situation**	Home stead
4.	**Thematic area**	Small scale processing and value addition
5.	**Problem diagnose**	lacking in skill of preservation and value-added products of pineapple.
6.	**Potential solution**	Pineapple is grown in abundance in the district and people are lacking in skill ofvalue-added products of pineapple.
7.	**Source of technology**	PRS,Vazhakulam, Kerala
8.	**Technology option**	To_1: Farmer's Practice (selling fruits to processors at low price or throw away price) To_2: Squashpineapple(juice+sugar+water+citricacid+KMS) To_3: Jam (pulp+sugar+water+pectin+citric acid)
9.	**No. of Respondents:**	10
10.	**Observation to be taken:**	1.Technical observations- organoleptic evaluation 2.Economic indicator – cost, net Return 3.Farmer's reaction/feedback- after getting result

19. List of Projects to be implemented by funding from other sources (other than KVK fund)

Sl.	Name of the project	Fund expected (Rs.)
1	Climate Resilient Agriculture Programme GOB	10000000.00
2	Assessment and refinement of short term technology, ATMA	75000.00
3	Skill Development Training (RPL+Domain) RYVK	1800000.00
4	NICRA Project	820000.00
5	Demonstration and popularization of dragon fruit in Koshi region.	750000.00
6	Makhana Development Scheme	150000.00
	Total	**13595000**

20. No. of success stories proposed to be developed with their tentative titles - 02

21. No. of Scientific Advisory Committee Meeting – 01

22. Soil and water testing

Details	No. of Samples	No. of Farmers									No. of Villages	No. of SHC distributed
		SC		ST		Other		Total				
		M	F	M	F	M	F	M	F	T		
Soil Samples	500	90	10	20	5	350	25	460	40	500	20	500
Water Samples	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
Total	500	90	10	20	5	350	25	460	40	500	20	500

23. Fund requirement and expenditure (Rs.)*

Item	Fund required for 2024-25 (Rs.)
Pay & Allowances	**9500000.00**
Traveling allowances	**150000.00**
HRD	**25000.00**
Contingency	
Stationary & POL	**400000.00**
Training	**250000.00**
FLD	**75000.00**
OFT	**50000.00**
M.O.B	**800000.00**
Extension Activities	**30000.00**
Swachhta Expenditure	**30000.00**
Total	**11310000.00**

* Any additional requirement may be suitably justified.

24. Every KVK should bring a brief write-up supported by quality photographs about the technology having wide acceptability among the farming community of the district with factual data

Twisting technique of guava has got wide acceptability among the farming community of Kishanganj district. KVK Kishanganj has been popularizing this technology through training and awareness programme since last eight years. The success stories of farmers engaged in guava production through this technique are being published in print as well as electronic media such as uploading video on YouTube by KVK and BAU, Sabour. The area under guava cultivation has increased by 200 acres in the district under this technology. Through this technique farmer are getting a net income of rupees around one lakh fifty thousand per acre per annum.

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