

PROFORMA FOR ANNUAL REPORT 2023 (01st January- 31st December 2023)

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
	Office	FAX	
Krishi Vigyan Kendra, Madhepura Opposite of Jai Bajrang Fuels NH 107 Purnea Saharsa Road – Madhepura - 852113	9430943067	-	madhepura.kvk@gmail.com

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

Name and address of Host Organization	Telephone		E mail
	Office	FAX	
Bihar Agricultural University, Sabour (Bhagalpur)			deebausabour@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Surendra Chaurasia		8987193648	

1.4. Year of sanction of KVK with council order No. and date:

ICAR, Letter No.-6-2/97-ARI dated-10-01-2003

1.5. Year of start of KVK: 2003

1.5. Staff Position (as on 31st December 2023)

Sl. No.	Sanctioned post	Name of the Incumbent	Designation	Discipline	Pay Scale with Present Basic	Date of joining	Permanent/ probation	Category (SC/ST/ OBC/ Others)
1.	Senior Scientist& Head	Dr. Surendra Chaurasia	Sr. Sci. & Head	Plant Pathology	37400-67000(9000)-155665	02/05/2012	Permanent	OBC
2.	Subject Matter Specialist	Dr. Ram Prakash Sharma	SMS(Entomology)	Entomology	15600-39100(6000)-104100	30/11/2007	Permanent	OBC
3.	Subject Matter Specialist	Dr. Sunil Kumar	SMS(Animal Science)	Animal Science	15600-39100(5400)-75400	16/04/2012	Permanent	OBC
4.	Subject Matter Specialist	Mr. Rahul Kumar Verma	SMS(Horticulture)	Horticulture	15600-39100(5400)-71100	30/09/2014	Permanent	OBC
5.	Subject Matter Specialist	-	-	-	-	-	-	-
6.	Subject Matter Specialist	-	-	-	-	-	-	-
7.	Subject Matter Specialist	-	-	-	-	-	-	-
8.	Programme Assistant	-	-	-	-	-	-	-
9.	Computer Programmer	Smt Neha Kumari	Programme Assistant(Computer)	Computer	9300-34800(4200)-47600	14/05/2013	Permanent	OBC
10.	Farm Manager	Sri Mritunjay Kumr	Farm Manager	Management	9300-34800(4200)-49000	08/11/2012	Permanent	OBC
11.	Accountant / Superintendent	Sri Ratan Kumar	Assistant	Accounts	9300-34800(4200)-47600	12/04/2013	Permanent	OBC
12.	Stenographer	Sri Bikas Kumar	Stenographer		5200-20200(2400)-34300	26/06/2013	Permanent	OBC
13.	Driver	Sri Santosh Kumar Diwana	Driver		5200-20200(2000)-28400	18/05/2015	Permanent	OBC
14.	Driver	Sri Sanjay Kumar	Driver		5200-20200(2000)-28400	10/06/2015	Permanent	OBC
15.	Supporting staff	-	-	-	-	-	-	-
16.	Supporting staff	-	-	-	-	-	-	-

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)	Name of infrastructure
1.	Under Buildings	01.50	Administrative building, Office building, quarters, Kisan Ghar, Training centre
2.	Under Demonstration Units	00.30	Live Horticultural Demo units, Nursery, Crop Cafeteria, Kitchen Garden, Aromatic units, Passion fruit, Dragon fruit, Artificial pond
3.	Under Crops	10.70	
4.	Orchard	02.00	Mango Orchard including Litchi
5.	Agro-forestry	00.40	
6.	Others with details	05.50	Threshing floors, IFS Pond, Roads, Sub-Roads, connecting path of farm etc.
	Total	20.4 ha	

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Functional/ non-functional*	Source of funding
1.	Administrative Building	Not yet started							
2.	Farmers Hostel					Yes		Functional	RAU, Pusa
3.	Staff Quarters (6)					Yes (5)		Functional	
4.	Piggery unit	Not yet started							
5.	Fencing	Not yet started							
6.	Rain Water harvesting structure	Not yet started							
7.	Threshing floor					Yes		Functional	RAU, Pusa
8.	Farm godown					Yes		Functional	RAU, Pusa
9.	Dairy unit					Yes		Functional	RAU, Pusa
10.	Poultry unit	Not yet started							
11.	Goatry unit	Not yet started							
12.	Mushroom Lab	Not yet started							
13.	Mushroom production unit	Not yet started							
14.	Shade house					Yes		Functional	
15.	Soil test Lab					Yes		Functional	
16.	Others, Please Specify								
I	Seed Sale centre					Yes		Functional	

II	Generator Cum Store					Yes		Functional	
III	Threshing Floor cum cover gowdown					Yes		Functional	
IV	Vegetable unit					Yes		Functional	
V	Oil distillation unit					Yes		Functional	

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	2017	6,74,300.00	114612(Sep'23)	In Condition
Honda new (Bike)	2015	60,000.00	4215(July'23)	In Condition
Hero Pro (Bike)	2015	60,000.00	18613(July'23)	In Condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Mini Soil Kit	2015	75,000	In condition	ICAR
b. Farm machinery				
Kirloskar pump set	31/03/2006	19500	In Condition	KVK Fund
Electric motor pump	31/03/2006	4250	In Condition	KVK Fund
Electric motor pump USHA 2HP	12/01/2012	9003=75	In Condition	KVK Fund
Zero till machine(1)	10/11/2006	-	Not in condition	RAU Pusa
Zero till machine(2)	15/11/2007	-	Not in condition	RAU Pusa
Zero till machine(1)	12/09/2012	47500	Not in condition	CIAE,Bhopal
Moisture meter(1)	20/03/2009	1200	In Condition	RAU,Pusa
Power sprayer with dusting attachment (1)	20/03/2009	6000	In Condition	KVK Fund
Sprayer (1)	31/01/2014	1500	In Condition	KVK Fund
Bag stitching machine	07/09/2009	5200	In Condition	KVK Fund(RF)
Mobile seed processing plant	26/10/2010	981760	Not working	DSF Dholi
Usha pump set	20/03/2012	32800	working	ATMA Fund
Electric motor pump	20/03/2012	11000	In condition	ATMA, Madhepura
Rocker sprayer	26/03/2012	4300	In condition	KVK Fund
Foot sprayer	26/03/2012	4300	In condition	KVK Fund
Honda generator set	25/09/2012	50000	In condition	KVK Fund

Brush cutter	02.07.2015	29,000	In condition	KVK RF Fund
Pumpset	2019			KVK RF Fund
Electric Motor	2019			KVK RF Fund
Thela	2019			KVK RF Fund
Happy seeder	2019			MBAC, Agwanpur
Chain Saw	2019			BSDM HEAD
Weed Cutter	2019			BSDM HEAD
Pressure washer	2019			BSDM HEAD
c.AV Aids				
Computer & its related equipments HPDX	28/03/2007	-	CPU not working	RAU, Pusa
Computer & its related equipments	31/12/2013	34800	In condition	KVK Fund
Fax Machine	28/03/2007	4232	Not Working	RAU, Pusa
Photocopier Machine	30/03/2010	60,031	Not Working	KVK Fund
Camera sony	2008	15,000	Good	
Laptop sony	31/03/2009	49,990	Good	KVK Fund
LCD Projector	31/03/2009	48,422	Good	KVK Fund
Projector Stand	31/03/2009	3500	In condition	KVK Fund
Printer	31/03/2009	5475	Good	KVK, Fund
Mike	24/03/2012	24877	working	KVK, Fund
Inverter	31/03/2013	7500	In condition	KVK Fund
Honda portable generator set	25.09.2012	50000	Good	KVK Fund
Fax Machine	28/03/2007	-	Not working	RAU, Pusa
Stabilizer	09/09/2009	4662	In condition	KVK Fund
Battery Exide	31/03/2013	33,834	In condition	KVK Fund
Dell Desktop	2016	61,00	In condition	KVK, Fund
Camera Nikon	04.03.2016	8,700	In condition	Cluster Demonstration
GPS	28.03.2016	17,747	In condition	Cluster demonstration
Computer	2019		In condition	KVK Head
Sony Buffer	2019		In condition	KVK Video Conf.

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Tractor MF 1035	29/03/2005	334500	In Condition	RAU Pusa
Hood	29/03/2005	2900	In Condition	RAU Pusa
Hitch	29/03/2005	1500	In Condition	RAU Pusa
MF 14 Disc harrow	29/03/2005	25000	In Condition	RAU Pusa
MF Cultivator	29/03/2005	12100	In Condition	RAU Pusa
MF MB Plough	29/03/2005	25500	In Condition	RAU Pusa
Hydraulic trailer	29/03/2005	82000	In Condition	RAU Pusa
Cage wheel	29/03/2005	5900	In Condition	RAU Pusa
Bumper	29/03/2005	5200	In Condition	RAU Pusa
Kanta with woots	16/09/2006	4232=25	In Condition	KVK Fund (RF)
Land leveler	20/06/2009	9880	In Condition	KVK Fund (RF)
Dibbler Rottary	21/12/2010	2300	In Condition	KVK Fund
KVK Fund	21/12/2010	650	In Condition	KVK Fund
Weighing balance digital	10/01/2012	9450	In Condition	KVK Fund CNC(NR) PA
Weghing balance digital	10/01/2012	3150	In Condition	KVK Fund CNC(NR) PA
Weighing balance with stand			In Condition	KVK Fund CNC(NR) PA
Chain + baat	10/01/2012	7560	In Condition	KVK Fund CNC(NR) PA
Cultivator spring loaded	20/03/2012	15878	In Condition	KVK Fund CNC(NR) PA
Disc harrow mounted 12 disc	20/03/2012	26500	In Condition	KVK Fund CNC(NR) PA
Winower power operated	20/03/2012	16000	In Condition	KVK Fund CNC(NR) PA
Tractor driven	24/03/2012	57750	In Condition	KVK Fund CNC(NR) PA
Bund farmer(Disc model)	26/03/2012	16000	In Condition	KVK Fund CNC(NR) PA
Bed farmer shaper	26/03/2012	24000	In Condition	KVK Fund CNC(NR) PA
Disc Harrow 12 Disc	16/02/2012	-	In Condition	RKVY RAU, Pusa

Disc plough 3 disc	16/02/2012	-	In Condition	RKVY RAU, Pusa
Potato planter(Drollimoga)	13/12/2012	-	In Condition	RKVY RAU, Pusa
Rotavator 5 feet	18/12/2011	-	In Condition	RKVY RAU, Pusa
Rotavator 50 CAA	24/05/2012	59000	In Condition	RKVY RAU, Pusa
Post hole digger	05/04/2012	42748	In Condition	RKVY RAU, Pusa
Paddy seeder/conoweeder	24/08/2012	20320	In Condition	Dean Agril. ,Tamil Nadu
Raised bed planter seed drill	02/04/2013	45000	In Condition	Dean Agril. ,Tamil Nadu
Laser Land leveler	2021		In Condition	Under CRA
Raised Bed planter	2021		In Condition	Under CRA
Thresher	2021		In Condition	Under CRA
Portable Rice/Wheat Seeder	2021		In Condition	Under CRA
Self-propelled vertically reaper and conveyer	2021		In Condition	Under CRA
Multi crop planter	2021		In Condition	Under CRA
Rotary weeder	2021		In Condition	Under CRA
New Holland Tractor	2021		In Condition	Under CRA
Tractor trolley	2021		In Condition	Under CRA
Power sprayer	2021		In Condition	Under CRA

1.8. Details SAC meeting* conducted in the year (Not Conducted)

Date	Number of Participants	Total statutory member present (State line dept.)	Salient Recommendations	Action taken	If not conducted, state reason

** Salient recommendation of SAC in bullet form
Attach a copy of SAC proceedings along with list of participants*

2.a. District level data on agriculture, livestock and farming situation (2023)

S.N.	Items	Information					
1	Major Farming system/enterprise	Rice based Farming system, Paddy –wheat-moong, paddy-Maize-Jute, paddy-maize-summer vegetables, paddy-maize-summer moong					
2	Agro-climatic Zone	North East Alluvial Plain. The Climate of this district is sub-tropical can be classified as humid to sub humid.					
3	Agro ecological situation	Three type of topography occur in the district such as upland medium, low land and chaur. The soil of upland is generally loamy sand to sandy loam silt loam to silt clay loam soils occur in medium upland, low land and <i>chaur</i> .					
4	Soil type	Loamy sand to silty clay loam. The soil of this district can be placed under Recent Alluvium and light textured, non-calcareous, non-saline, medium to poor in fertility with low water holding capacity. The organic matter content of the soil varies from 0.2 to 0.8 percent. Nitrogen, phosphorus, potassium, sulphur, zinc Copper and boron are deficient.					
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Crop	Area (ha.)	Production (Qt)	Productivity (Qt.) /ha		
		Rice	69.27	169.57	2448		
		Maize	43.85	269.85	61.54		
		Linseed	65	487.00	7.50		
		Sunflower	178	1780.00	10.00		
		Wheat	38.67	97.89	2531		
		Maize **	43.85	269.85	6154		
		Rice (Summer)	305	6954	22.80		
		Barley	37	231	5.76		
		Gram	438	2737	6.25		
		Pea	495	3093	6.25		
		Lentil	1857	11600	6.20		
		Rai	5000	37500	7.50		
		Linseed	1800	18000	10.00		
		Sunflower	245	1531	6.25		
		Summer moong	1361.38	64000	7.521		
Pulses	21.60	13.00	602				
6	Mean yearly temperature, rainfall, humidity of the district	Not working					
7	Production of major livestock products like milk, egg, meat etc.	Category	Population	Production	Productivity	Category	
		Cattle	2,47,439	-	-	Cattle	

		Crossbred	6,568	NA	8 litre	Crossbred
		Indigenous	2,40,871	NA	1.5 litre	Indigenous
		Buffalo	1,22,266	NA	2.5 litre	Buffalo
		Sheep	1205	NA	NA	Sheep
		Crossbreed	-	-	-	Crossbreed
		Indigenous	-	-	-	Indigenous
		Goats	2,85,875	NA	0.5 litre	Goats
		Pigs	9115	NA	NA	Pigs
		Crossbred	67	NA	NA	Crossbred
		Indigenous	9048	NA	NA	Indigenous
		Rabbits	32	NA	NA	Rabbits
		Poultry	1,44,141	NA	NA	Poultry
		Hens	-	-	-	Hens
		Desi	-	-	-	Desi
		Improved	-	-	-	Improved
		Ducks	-	-	-	Ducks

Source :Animal husbandry Deptt., Madhepura, 2012

2.b. Details of operational area / villages (2023)

S.N.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Madhepura	Gamhariya	Aurahi	Paddy, Wheat, Vegetable etc.	Sheath blight in Paddy	Training about disease of Paddy
2.	Madhepura	Madhepura	BalamGadhiya	Paddy, Wheat, Vegetable etc.	Sheath blight in Paddy& Imbalance use of Micronutrient in cob borers.	Training about disease of Paddy& FLD on Boron application in caulliflower
3.	Madhepura	Madhepura	Sripur	Paddy, Wheat, Vegetable etc.	Sheath blight in Paddy, No use of sulphur in onion	Training about disease of Paddy& OFT in sulphur application in onion
4.	Madhepura	Singheshwar	Sukhasan	Paddy, Wheat, Vegetable etc.	Sheath blight in Paddy, No use of sulphur in onion	Training about disease of Paddy
5.	Madhepura	Murliganj	Baghinya	Paddy, Sunflower& vegetables etc.	Sheath blight in Paddy, No use of sulphur in onion	Training about disease of Paddy
6.	Madhepura	Murliganj	Rampur, Terasi	Sunflower, Paddy	BLB Rodent in nursery of sunflower	Training about disease of Paddy
7.	Madhepura	Madhepura	Jiwachhpur	Paddy, Maize	Cob borer in Maize	OFT for cob borer
8.	Madhepura	Madhepura	Tulsibari	Paddy, Maize& vegetables	Cob borer in Maize, Imbalance use of Boron in cauliflower & no use of sulphur in onion	OFT for cob borer, OFT in sulphur application in onion
9.	Madhepura	Madhepura	Mathahi	Paddy, Maize	Cob borer in Maize	OFT for cob borer
10.	Gwalpara	Gwalpara	Reshna	Paddy, Maize, wheat	Sheath blight in Paddy & Cob borer in Maize	CFLD on Rye, Lentil &moong, CSISA trial
11.	Mulriganj	Mulriganj	Chamgarh	Paddy, Maize, wheat	Sheath blight in Paddy & Cob borer in Maize	CFLD on sunflower, Rye, Lentil &moong,
12.	Madhepura	Madhepura	Sakarpura	Paddy, wheat & vegetables	Less area under cultivation of oilseed & pulses	CFLD on Rye, Lentil &moong,
13.	Kumarkhand	Kumarkhand	Parmanandpur	Paddy, wheat & vegetables	Less area under cultivation of oilseed & pulses	CFLD on Rye, Lentil &moong,
14.	Kumarkhand	Kumarkhand	Mangarwara	Paddy, wheat & vegetables	Less area under cultivation of oilseed & pulses, no use of sulphur in onion	CFLD on Rye, Lentil &moong, OFT in sulphur application in onion
15.	Ghailadh	Ghailadh	Bhantekthi	Paddy & Maize	Less area under cultivation of oilseed & pulses	CFLD on Rye, Lentil &moong, CSISA trial
16.	Murliganj	Murliganj	Bhatkhora	Paddy, Maize, wheat	Less area under cultivation of oilseed & pulses	CFLD on Rye, Lentil &moong, CSISA trial
17.	Gwalpara	Gwalpara	Shahpur	Paddy, Maize & Vegetables	Less area under cultivation of oilseed , pulses & vegetable pea	CFLD on Rye, lentil &Moong&FLDon Vegetable pea
18.	Gwalpara	Gwalpara	Resana	Paddy, Maize & Vegetables	Traditional method of cultivation	Zero tillage cultivation of Paddy & wheat

19	Sadhua	Madhepura	Sadhua	Chili, Cauliflower, Brinjal, Tricontanole, NAA, ZnSo ₄ , Borax, Bottlegourd, Trichoderma viridae, Pseudomonas fluorescence, Mango, streptocycline	* Wilting in Brinjal & chilli * Flower drop in chilli * Alternate bearing in mango * Micronutrient deficiency in cauliflower	FLD & OFT
20	Bandha	Kumarkhand	Bandha	Chili, Cauliflower, Brinjal, Tricontanole, NAA, ZnSo ₄ , Borax, Bottlegourd, Trichoderma viridae, Pseudomonas fluorescence, Mango, streptocycline	* Wilting in Brinjal & chilli * Flower drop in chilli * Alternate bearing in mango * Micronutrient deficiency in cauliflower	FLD & OFT
21	Singiyan	Murliganj	Singiyan	Chili, Cauliflower, Brinjal, Tricontanole, NAA, ZnSo ₄ , Borax, Bottlegourd, Trichoderma viridae, Pseudomonas fluorescence, Mango, streptocycline	* Wilting in Brinjal & chilli * Flower drop in chilli * Alternate bearing in mango * Micronutrient deficiency in cauliflower	FLD & OFT
22	Dhurgaon		Dhurgaon	Chili, Cauliflower, Brinjal, Tricontanole, NAA, ZnSo ₄ , Borax, Bottlegourd, Trichoderma viridae, Pseudomonas fluorescence, Mango, streptocycline	* Wilting in Brinjal & chilli * Flower drop in chilli * Alternate bearing in mango * Micronutrient deficiency in cauliflower	FLD & OFT
23	Jhitkiya	Gwalpara	Jhitkiya	Paddy, Wheat, Potato, Maize	Sheath blight in Paddy, Cob borer in Maize	Demonstration & trials under CSISA & CRAP Projects
24	Jayram parsi	Gwalpara	Jayram parsi	Paddy, Wheat, Potato, Maize	Sheath blight in Paddy, Cob borer in Maize	Demonstration & trials under CSISA & CRAP Projects
25	Kolotaha	Gwalpara	Kolotaha	Paddy, Wheat, Potato, Maize	Sheath blight in Paddy, Cob borer in Maize	Demonstration & trials under CSISA & CRAP Projects

26	Bishanpur Arar	Gwalpara	Bishanpur Arar	Paddy, Wheat,Potato,Maize	Sheath blight in Paddy ,Cob borer in Maize	Demonstration & trials under CSISA & CRAP Projects
27	Behri	Singheshwar	Behri	Paddy, Wheat,Potato,Maize	Sheath blight in Paddy ,Cob borer in Maize	Demonstration & trials under CSISA & CRAP Projects

2. c. Details of village adoption programme during 2023:

Name of the villages adopted by Sr. Scientist & Head and SMS (in year 2023) for its development and action plan

Name of village	Block	Action taken for development
Reshana, Jhitkiya, Bishanpur Arar, Kolhauta, Jayramparsi	Gwalpada	Conducting OFT, FLD, CFLD, CRA Programme, Kisan Choupal, Training and Other Extension Activity

2.1 Priority thrust areas of KVKs

S. No	Thrust area
1.	Promotion & area expansion of Climate Resilient varieties & intervention
2.	Awareness on Nano urea application in crops
3.	Promotion & Emphasis on natural Farming
4.	Integrated weed management in crops
5.	Evaluation of cropping system suitable for the district.
6.	Promotion of plant Growth Regulator in yield of increment in cucurbits, solanaceous & cole crops.
7.	Popularization of Drum stick and Papaya cultivation.
8.	Promotion of high value low volume crops (Broccoli, capsicum, Red cabbage) & season vegetables.
9.	Promotion of Integrated Pest Management.
10.	Promotion of bio-pesticide to minimize application of chemical pesticides.
11.	Popularization of seed treatment.
12.	Breed up gradation of cattle poultry Duck piglets and goats.
13.	To provide veterinary services for proper preventive and creative measure for disease of livestock and birds.

3. TECHNICAL ACHIEVEMENTS

3.1. Summary details of target and achievement of mandatory activities by KVK during the year 2023

OFT											FLD												
No. of technologies tested:											No. of technologies demonstrated:												
Number of OFTs		Number of farmers									Number of FLDs		Number of farmers										
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
09	06	75	-	-	-	-	-	-	-	-	64	10	13	200	-	-	-	-	-	-	-	-	247

Training											Extension activities												
Number of Courses		Number of Participants									Number of activities		Number of participants										
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
152	113	4282	48	41	14	4	24	19	29	64	35	407	9929	4000	1	7	3	2	18	19	1	2	2
			4	4		1	08	1	06	6	52				0	3	8	7	30	00	9	9	2
															6	9	0	4	7		7	1	6
															2						4	3	6
																					9		2

Impact of capacity building											Impact of Extension activities										
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T

Seed production (q)			Planting material (in Lakh)		
Target	Achievement (q)	Sold (q)	Target	Achievement	Sold (number)
Kharif - 315 qt.	Paddy -373.4 qt.		Cauliflower – 5000	Cauliflower – 1000	
Paddy	Wheat – 220.4 qt.		Cabbage– 5000	Cabbage- 10000	
Rabi - 170 qt.			Brinjal – 5000	Tomato-5000	
Wheat				Brinjal – 5000	
				Chilli- 5000	
				Brocoli - 1000	

Livestock strains (in no's) and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
-	Cross Breed (Cow) - 4	-	124
-	Indian Carp- 234 kg		
-	Monosex Tilapia – 100 kg		

* Give no. only in case of fish fingerlings

3.1.1 ACHIEVEMENTS ON TECHNOLOGIES ASSESSED AND REFINED (OFT)

OFT-1 (Horticulture)

- **Thematic area: INM**
- **Problem definition/Name of OFT: Low yield due to wilting**

1.	Title of On farm Trial (OFT)	Assessment of bio control agent farm management of Panama wilt in Banana
2.	Problem diagnosed	Low yield due to wilting
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice: Sapling deep in Carbendazim@5gm/litre water. T.O I: ICAR Fusicont T.O II: Sabour Trichoderma - 1
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ATARI, Patna (Proceeding of OFT workshop, Horticulture held on 23-24 Sept. 2022)
5.	Production system and thematic area	Banana+Maize & INM
6.	Performance of the Technology with performance indicators	Initial plant population, First wilt incidence (DAT) wilting% at 15,30,45,60,75 DAT Yield quintal/ha, BCR
7.	Final recommendation for micro level situation	Use of ICAR Fusicont shows higher yield and reduction in wilting percentage of banana.
8.	Constraints identified and feedback for research	Non availability of ICAR Fusicont
9.	Process of farmers participation and their reaction	Group discussion, Diagnostic visit Farmers adopted this technology

Table : 1 : Assessment of bio control agent farm management of Panama wilt in Banana

Treatment	Initial Plant Population	First wilting incidence DAT	Wilting %					Yield	BCR
			15 DAS	30 DAS	45 DAS	60 DAS	75 DAS		
Farmers Practice: Sapling deep in Carbendazim@5gm/litre water	250	11	2	3.6	5.6	13.2	24.8	240.6	2.96
T.O I: ICAR Fusicon	250	23	0	1.2	2.0	3.2	8.4	320	3.76
T.O II: Sabour Trichoderma - 1	250	18	0	1.6	4.4	7.2	14.8	272.6	3.27

Result : The result revealed that the treatment T.O I (ICAR Fusicon) shows better in Yield (320 qt) and reduction in wilting percentage(8.4%) than other treatment. BCR is 3.76.

OFT-2 (Horticulture)

- **Thematic area: RCT**
- **Problem definition/Name of OFT: Low yield due to moisture conservation**

1.	Title of On farm Trial (OFT)	Assessment of Bio mass mulching in mango
2.	Problem diagnosed	Low yield due to moisture conservation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice: No mulching/litter fall of trees T.O I: Tephrosia 1 kg dry biomass/m ² canopy – (plant spread) T.O II: Grass/Paddy straw/any local available mulching 15 cm thick (plant spread) + Greece band 30 cm from GI
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ATARI, PATNA (Proceeding of OFT workshop, Horticulture held on 23-24 Sept. 2022)
5.	Production system and thematic area	Mango + Turmeric & RCT
6.	Performance of the Technology with performance indicators	Soil moisture percentage, Weed count @34 intiment stage at one month interval, NPK status pre and post, Yiled (Kg/plant) or (Quintal/ha), economics Rs/ha
7.	Final recommendation for micro level situation	

8.	Constraints identified and feedback for research	No need of mulching due to high moisture level in Kosi region.
9.	Process of farmers participation and their reaction	Group discussion, Diagnostic visit Farmers adopted this technology

Result : Awaited.

OFT-1 (Ento.)

- **Thematic area: IPM**

- **Problem definition/Name of OFT: Assessment of Management practices for Red banded Caterpillar in Mango**

1.	Title of On farm Trial (OFT)	Assessment of management practices for Red banded caterpillar in Mango
2.	Problem diagnosed	Red banded caterpillar appeared as a major insect pest of mango which generally appear on the stage of marble size fruit and bore the fruits resulted rotting and fruit drops. It causes heavy losses to growing fruits resulted premature falling and hence poor fruiting of orchards.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice – Spray of Chlorpyrifos as and when symptom appear T. O I – • Collection and distraction of all fallen fruits. • Spray deltamethrin 0.0028%(deltamethrin 2.8 EC@ 1 ml/ lit) at marble size and repeat after two weeks. T.O II – • Two Spray of thiacloprid 21.7SC 0.04%@2 ml/lit at 25-30 days interval. Note:- All spray during mornig hours.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ATARI, PATNA (Proceeding of OFT Workshop, Plant Protection held on 29-30 Sept. 2022 mailed on 19.10.2022
5.	Production system and thematic area	IPM
6.	Performance of the Technology with performance indicators	Infestation, Yield , Economic analysis & B:C Ratio

		Meteorological Standard week (MSW)		Individual/fruit	Extent of damage (%)
		08	Feb,22	2	2.00
		09		3	2.66
		10		4	3.70
		11	March,22	6	5.66
		12		8	7.86
		13		9	8.70
		14		11	10.83
		15	April,22	11	10.76
		16		9	8.56
		17		7	6.56
		18		4	3.43
		19		2	1.60
7.	Final recommendation for micro level situation			Mango red banded caterpillar infestation recorded highest at 14 th MSW for both no, of individual/ fruit and per cent extent of damage 11 and 10.83, respectively.	
8.	Constraints identified and feedback for research			Poor availability of chemicals	
9.	Process of farmers participation and their reaction			Group discussion, Diagnostic visit Farmers adopted this technology	

Table 1 : Seasonal incidence and extent of damage of Red Banded Caterpillar of mango during 2022-23

Table 2: Effect of technological options on infestation Red Banded Caterpillar of mango.

Treatment Detail	Pre spray		5 DAS		15DAS	
	Individual/fruit	Extent of damage (%)	Individual/fruit	Extent of damage (%)	Individual/fruit	Extent of damage (%)
T0= Spray of Chloropyriphos @2 ml/L as and when symptom appear.	6.33	4.43	4.75	3.41	4.70	3.39
T1= • Collection and destruction of all fallen fruits. • Spray of deltamethrin 0.0028% (deltamethrin 2.8 EC @1 ml/ L) at marble size and repeat after two weeks.	6.54	4.64	3.14	2.41	3.05	2.34
T2= Two spray of thiacloprid 21.7 SC 0.04 % @ 2 ml/ L at 25-30 days interval.	6.42	4.59	2.38	2.07	2.21	1.96
CD (5%.)	0.008	0.008	0.093	0.079	0.097	0.005
SEm	0.003	0.003	0.031	0.026	0.032	0.002

Table 3 : Effect of treatments on Per cent reduction Red Banded Caterpillar of mango.

Treatment Detail	Per cent reduction			
	5 DAS		15DAS	
	Individual/fruit	Extent of damage (%)	Individual/fruit	Extent of damage (%)
T0= Spray of Chloropyriphos @2 ml/L as and when symptom appear.	24.96	23.02	25.75	23.48

T1= • Collection and distruction of all fallen fruits. • Spray of deltamithrin 0.0028% (deltamithrin 2.8 EC @1 ml/ L) at marble size and repeat after two weeks.	51.99	48.06	53.36	49.57
T2= Two spray of thiacloprid 21.7 SC 0.04 % @ 2 ml/ L at 25-30 days interval.	62.93	54.90	65.58	57.30
CD (5%.)	1.496	1.285	1.561	1.356
SEm	0.5	0.429	0.521	0.453

Table 4 : Effect of treatments on yield and economics of Red Banded Caterpillar of mango.

Treatment Detail	Yield (q/ha)	Cost of cultivation (Rs.)	Gross return (Rs.)	Net return (Rs.)	BCR
T0= Spray of Chloropyriphos @2 ml/L as and when symptom appear.	53.44	53,650	106880	53230	1.99
T1= • Collection and distruction of all fallen fruits. • Spray of deltamithrin 0.0028% (deltamithrin 2.8 EC @1 ml/ L) at marble size and repeat after two weeks.	61.95	54,200	123900	69700	2.28
T2= Two spray of thiacloprid 21.7 SC 0.04 % @ 2 ml/ L at 25-30 days interval.	72.63	54424	145260	90836	2.66
CD (5%.)	0.736				
SEm	0.246				

*RS 2000/Q

Result :

- Mango red banded caterpillar infestation recorded highest at 14th MSW for both no, of individual/ fruit and per cent extent of damage 11 and 10.83, respectively.

OFT-2 (Ento.)

- Thematic area: IDM

Problem definition/Name of OFT: Assessment of fungicides for the management of Sheath blight of Rice

1.	Title of the OFT	Assessment of fungicides for the management of Sheath blight of Rice
2.	Problem diagnosed	Low yield of rice due to heavy infestation of Sheath blight
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	PF: Spray of hexaconazole 5 EC@2ml/lit when symptom appear T1= Spray of propiconazole 13.9% +difenoconazole 13.9EC @500ml/ha. T2 = Spray of thifluzamide 24 SC@1 ml/lit water (45 days after transplanting)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ATARI, PATNA (Proceeding of OFT Workshop, Plant Protection held on 29-30 Sept. 2022 mailed on 19.10.2022
5.	Production system and thematic area	Rice wheat cropping system , IDM
6.	Performance of the Technology with performance indicators	Infestation, Yield , Economic analysis & B:C Ratio
7.	Final recommendation for micro level situation	Spray of propiconazole 13.9% +Difenconazole 13.9% EC @ 500 ml/ha minimise the per cent disease severity and incidence and increase yield 10.13 per cent over FP.
8.	Constraints identified and feedback for research	Poor availability of chemicals
9.	Process of farmers participation and their reaction	Group discussion, Diagnostic visit Farmers adopted this technology

Table 1 Effect of fungicides on disease parameter in sheath blight of rice during Kharif 2023

Technological options		Diseases Severiy %	Diseases Incidence %	Per cent disease control over FP	Yield (q/ha)	Per cent increase in yield over FP (average)
FP	Spray of hexaconazole 5 EC@ 2ml / L	75.97	94.39	-	34.25	-
T1	Spray of propiconazole 13.9% +Difenconazole 13.9% EC @ 500 ml/ha.	40.76	63.08	31.51	37.72	10.13
T2	Spray of Thifluzamide 24 SC @ 1 ml/ L of water (45 days after transplanting).	43.69	66.97	29.04	36.28	5.92

Table 2 Effect of fungicides on disease parameter in sheath blight of rice during Kharif 2023

Technological options		Mean grain yield (q/ha)	Gross cost (Rs)	Gross return (Rs.)	Net return (Rs.)	BCR
FP	Spray of hexaconazole 5 EC@ 2ml / L	34.25	33234	74768	71364	2.24
T1	Spray of propiconazole 13.9% +Difenconazole 13.9% EC @ 500 ml/ha.	37.72	34130	82343	98873	2.41
T2	Spray of Thifluzamide 24 SC @ 1 ml/ L of water (45 days after transplanting).	36.28	34118	79199	93558	2.32

• Support price Rs.2183

Result :

- Sheath blight per cent disease severity and per cent disease incidence recorded 40.76 per cent and 63.08 per cent, respectively which was realized minimum among all treatments. Maximum yield and BC ratio recorded 37.72 q/ha and 2.41, respectively. The highest yield increase over farmers practice calculated 10.13 per cent in crop treated with propiconazole 13.9% +Difenconazole 13.9% EC @ 500 ml/ha.

OFT-1 (Animal Science)

• **Thematic area: Disease Management**

- **Problem definition/Name of OFT:** Heavy milker cow suffer from mastitis and due to mastitis major loss in milk production

1.	Title of On farm Trial (OFT)	Assessment of feeding and local application of herbal medicine on clinical and sub-clinical mastitis
2.	Problem diagnosed	Heavy milker cow suffer from mastitis and due to mastitis major loss in milk production
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	All animal dewormed before starting trial Farmers Practice : Hot fermentation(Washing of udder by warm water). Technology Option I : Herbal gel application (Lactomusti gel) five times/day for 5 days. Technology Option II : Herbal gel application (Lactomusti gel) five times/day for 5 days + oral herbal (Lactomust free) 80 ml orally daily for three days.

		Herbal gel composition : Aloevera Paste 250 gm + lemon juice (6 No.)+Neem leaf (50 gm) + Garlic paste(50 gm)+Turmeric powder (50 gm) Oral Herbal Composition : Aloevera pulp(250gm)+Lemon juice(2 No.)+Moringa leaf(50 gm)+Satavari (50gm)+Jiwanti(20gm)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NDRI, Karnal
5.	Production system and thematic area	Micro production system & Disease Management
6.	Performance of the Technology with performance indicators	Normal consistency of Milk, Cost of feeding, Net Return, B:C ratio
7.	Final recommendation for micro level situation	Use of herbal gel with oral herbal is better effect on control of mastitis and higher milk production
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

B. Results with Table and good quality photographs in jpg.

Table I: Effect of herbal medicine on clinical and sub-clinical mastitis.

Particular	Treatment Group		
	F.P	T.O I	T.O II
No. of animal in each Trial	7	7	7
Udder condition (Inflammation and hardness)	6	2	0
Milk Colour (Straw Colour milk)	5	2	0
Normal milk consistency	1	4	6
Percent normal milk consistency	14.28	57.12	85.68
Milk PH	6.9	6.7	6.6
CMT test (+ve cow)	5	2	1
No. of day required for recovery	17	13	7

Table II: Economics of mastitis effected cow after herbal medicine treatment

Particulars	Treatment		
	F.P	T.O I	T.O II

Total milk yield (Upto 120 days during trial)	643.57 $\pm$ 10.54	962.57 $\pm$ 11.08	1070.42 $\pm$ 8.92
Average daily milk production(Kg/day)	5.36 $\pm$ 0.18	8.02 $\pm$ 0.16	8.92 $\pm$ 0.19
Cost of feeding during trial(Rs)	21000	21000	21000
Cost of medicine(Rs)	0	600	1000
Gross Return/cow (Rs)	25742.8	38502.8	42816.8
Net Return(Rs)	4742.8	16902.8	20816.8
B:C Ratio	1.22	1.78	1.94

Result: The result of this experiment indicated that T.O II is maximum normal milk consistency (85.68%) than T.O I (87.12%) and minimum in F.P (14.28%). In respect of net profit and B:C ratio also highest in T.O II(Rs 20816.8 and 1.94) than T.O I (Rs 16902.8 and 1.78) lowest in F.P (Rs4742.8 and 1.22).

OFT -2(Animal Science)

- Thematic area: Disease Management**

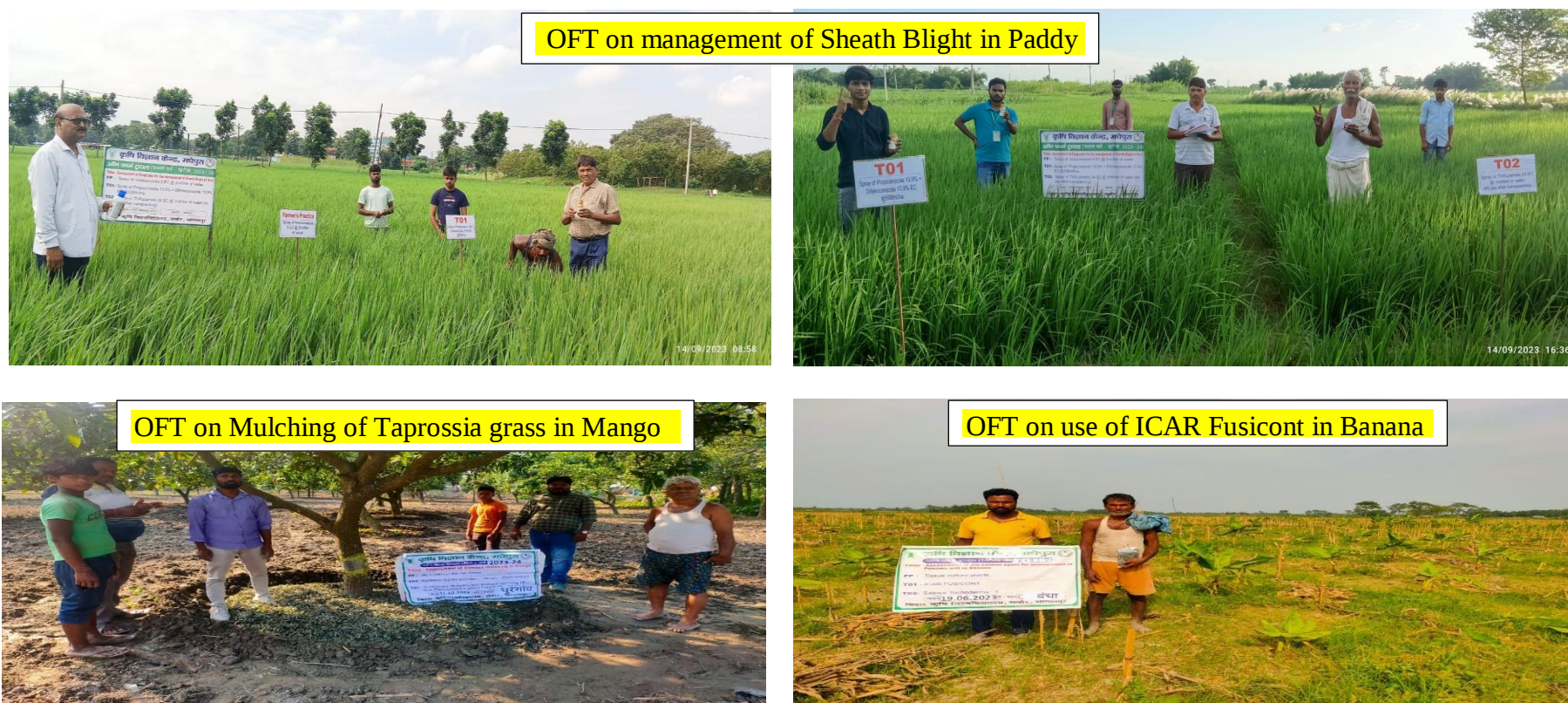
- Problem definition/Name of OFT:** Repeat breeding is a major problem in dairy animals in cases of major financial losses to dairy farmers.

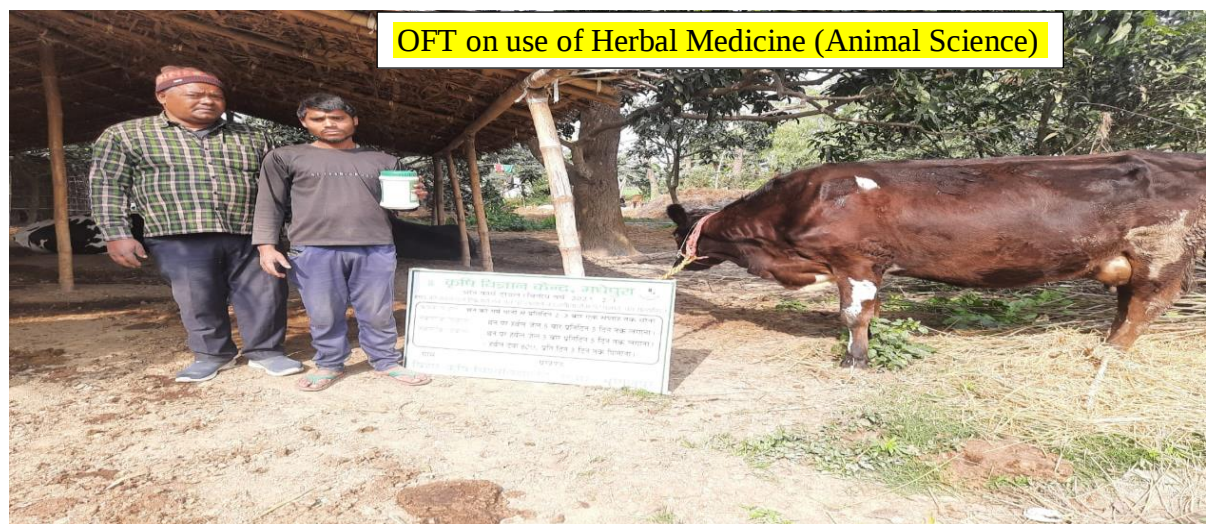
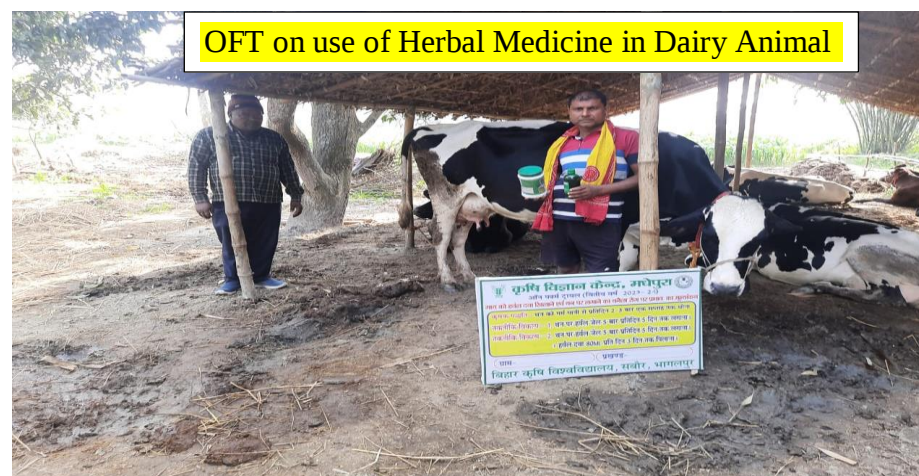
1.	Title of On farm Trial (OFT)	Effect of herbal mixture on Repeat breeding in dairy animals
2.	Problem diagnosed	Repeat breeding is a major problem in dairy animals in cases of major financial losses to dairy farmers
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice: Dewormer and mineral mixture 50 daily for 20 days. Technology Option I: F.P + First injection of buserelin 20 micro gm(5 ml) I.M. 6 hrs before the A.I. and on day 12 hrs after last insemination. Technology Option II : F.P.+ Herbal mixture(Lacto navjiwan) 100ml twice daily for 5 days orally. Herbal mixture composition : Curry leaf (50gm)+Turmeric powder (5 gm)+Reddish(1)+Moringa leaf(100 gm)+Aloevera pulp(100 gm)+Cissus stem (100gm)+Jaggery (100gm) and Salt (25 gm).
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NDDB website

5.	Production system and thematic area	Micro production system & Disease Management
6.	Performance of the Technology with performance indicators	No. of animal conceive, B: C ratio, Farmers reaction
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	-

Result : On going.....

Photographs of OFT:





3.1. 2 Technology Assessed by KVK (Discipline wise)

A	Technologies assessed under various crops (Cereal Crop Production)			
	Thematic areas	Number of the technologies (Technology Interventions)	No. of trials	No. of Locations
1	Integrated Nutrient Management	-	-	-
2	Varietal Evaluation	-	-	-
3	Integrated Pest Management	01	03	10
4	Integrated Crop Management	-	-	-
5	Integrated Disease Management	01	03	10
6	Small Scale Income Generation Enterprises	-	-	-
7	Weed Management	-	-	-
8	Resource Conservation Technology	-	-	-
9	Farm Machineries	-	-	-
10	Integrated Farming System	-	-	-
11	Seed / Plant production	-	-	-
12	Post Harvest Technology / Value addition	-	-	-
13	Drudgery Reduction	-	-	-
14	Storage Technique	-	-	-
15	Others (Pl. specify)	-	-	-
16	Cropping Systems	-	-	-
17	Farm Mechanization	-	-	-
18	Others	-	-	-
	Total	02	06	20
B	Technologies assessed under various crops (Hort crops.)			
	Thematic areas	Number of the technologies (Technology Interventions)	No. of trials	No. of Locations
1	Integrated Nutrient Management	1	1	10
2	Varietal Evaluation	-	-	-
3	Integrated Pest Management	-	-	-
4	Integrated Crop Management	-	-	-
5	Integrated Disease Management	-	-	-
6	Small Scale Income Generation Enterprises	-	-	-

7	Weed Management	-	-	-
8	Resource Conservation Technology	1	1	10
9	Post-harvest Technology / Value addition	-	-	-
10	Others if any specify	-	-	-
C	Technologies assessed under livestock & Fisheries by KVKs			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Disease & Health Management	03	01	12
2	Breeding management/Evaluation of Breeds	-	-	-
3	Feed and Fodder management	-	-	-
4	Nutrition Management	-	-	-
5	Production and Management	-	-	-
6	Processing and Value addition	-	-	-
7	Fisheries management	-	-	-
8	Others (waste, ITK etc)	-	-	-
	Total	03	01	12
D	Technologies assessed under miscellaneous enterprises by KVKs			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery reduction	-	-	-
2	Entrepreneurship Development	-	-	-
3	Health and nutrition	-	-	-
4	Processing and value addition	-	-	-
5	Energy conservation	-	-	-
6	Small-scale income generation	-	-	-
7	Storage techniques	-	-	-
8	Household food security	-	-	-
9	Organic farming	-	-	-
10	Agroforestry management	-	-	-
11	Mechanization	-	-	-
12	Resource conservation technology	-	-	-

13	Value Addition	-	-	-
14	Others	-	-	-
	Total	0	0	0
E	Technologies assessed under various enterprises for women empowerment			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery Reduction	-	-	-
2	Entrepreneurship Development	-	-	-
3	Health and Nutrition	-	-	-
4	Value Addition	-	-	-
5	Others	-	-	-
	Total	0	0	0

3.2 ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS (FLD)

A. Details of FLDs conducted during the year 2023

Cereals

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

1.Oilseeds

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

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

** BCR= GROSS RETURN/GROSS COST

2. Pulses

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

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

** BCR= GROSS RETURN/GROSS COST

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

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Mango (2022-23)	INM	Paclabutrazole (20-25ml)	10	10 HHs	84.5	40.8	107.10	40600	211250	170650	5.20	35800	102000	66200	2.84
Brinjal (2022-23)	IDM & Cultivation of vegetable	Streptocycline	10	1	313.67	231.60	35.43	101481	376404	274923	3.7	101281	277200	175919	2.73
Onion (2022-23)	Cultivation of vegetable	Sulphur	20	2	308	245	25.71	84235	246400	162165	2.92	81500	196000	114500	2.40
Brinjal (Kharif 2023)	IDM & Cultivation of vegetable	Streptocycline	10	1	320	242.8	31.79	101100	384000	282900	3.79	100300	291360	191060	2.90
Banana (Rabi 23-24)	Cultivation of fruit	PPV Bag in Banana	10	1	422.8	335.5	26.02	75000	338240	263240	4.50	65000	268400	203400	4.12
Potato (Rabi 2023-24)	Cultivation of vegetable	PSB & Trichoderma	10	1	295.6	248.5	18.95	9500	236480	141480	2.48	92500	198800	106300	2.14
	Total		70												

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

** BCR= GROSS RETURN/GROSS COST

[illegible]

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

** BCR= GROSS RETURN/GROSS COST

6. Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy	Disease Management	Validation of ovysynch protocols in postpartum anoestrus cow	12	15	11	3	53.33	-	-	-	-	-	-	-	-	-	-
Cow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buffalo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbitry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat	Feeding Management	Effect of feeding hydroponic fodder (Oat) on reproductive performance of Does	8	10	On going												
Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			20	25													

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

** BCR= GROSS RETURN/GROSS COST

7. Fisheries

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

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

** BCR= GROSS RETURN/GROSS COST

8. Other enterprises

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

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

** BCR= GROSS RETURN/GROSS COST

9. Women empowerment

Name of technology	No. of demonstrations	Name of technology	Observations		No. of Beneficiaries
			Check	Demonstration	
Women	-	-	-	-	-
Drudgery Reduction	-	-	-	-	-

Enterprises	-	-	-	-	-
Farming System	-	-	-	-	-
Health and nutrition	-	-	-	-	-
Kitchen Garden	-	-	-	-	-
Nutrigarden	-	-	-	-	-
Storage Technique	-	-	-	-	-
Value addition	-	-	-	-	-
Women Empowerment	-	-	-	-	-
Others	-	-	-	-	-
Total - Women	-	-	-	-	-
Children	-	-	-	-	-
Health and nutrition	-	-	-	-	-
Others	-	-	-	-	-
Total - Children	-	-	-	-	-
Other if any	-	-	-	-	-
Total others	-	-	-	-	-
Grand Total	0	0	-	-	-

10. Farm implements and machinery

[illegible]

Irrigation management tools and machineries	-	-	-	-	-	-	-	-	-	-
Plant protection tools and machineries	-	-	-	-	-	-	-	-	-	-
Harvesting tools and machineries	-	-	-	-	-	-	-	-	-	-
Postharvest processing tools and machineries	-	-	-	-	-	-	-	-	-	-
Total mechanization tools and machineries	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-
Total of Others	-	-	-	-	-	-	-	-	-	-

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

** BCR= GROSS RETURN/GROSS COST

Extension and Training activities under FLD

Sl.No	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days				
2.	Farmers Training	18.03.2023 10.04.2023 22.06.2023	01 01 01	15 15 20	Production technology of mango Production technology on brinjal Management of Cucurbits fruitfly through pheromone traps
3.	Media coverage				
4.	Training for extension functionaries	18.03.2023 10.04.2023	01 01	05 03	Paclabutrastol FLD Visit

Technical Feedback on the demonstrated technologies (if any)

Sl. No	Crop	Feed Back
--------	------	-----------

1	Banana	ICAR Fusicant is found most effective in control of Wilting in banana
2	Brinjal	Use of streptocycline as seedling treatment and spraying is most effective in control of bacterial wilt in brinjal.
3	Banana	Use of PPV bag reduce the scaring bttle incidence percentage and fetch more yield and economic return. It is cost effective and economical.
4	Mango	Farmers not aware about Management of Leaf weber but after conducting FLD on leaf weber Farmers show interest to apply Sprays on Mango orchard for the Management of Mango Leaf weber.
5	Cucurbits	Many Farmers now adopted establishment of cucurbit leur in bottle gourd, bitter gourd and other vine crops for monitoring and management of cucurbits fruit fly. Farmers appreciate and adopted this technique for the management of pest and cultivation of pesticide free vegetables.

A. PERFORMANCE OF THE DEMONSTRATION UNDER CFLD ON PULSE AND OILSEED CROPS (CFLD)
(During Kharif, Rabi and Summer)

1. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha) 7 years	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Pigeon Pea(2022-23)	Desi	8.15	965	1681	1700	Seed (IPA 203)+Insecticides + Fungicides	61	20	9.95	5.74	9.87	2.28	- 41.28	- 41.94
2	Lentil (2022-23)	Titka	8.2	825	1285	1700	HYV Seed (IPL 316)+ Seed +Bio fertilizer+ weedicide + Agrochemicals	125	50	15.63	8.61	11.94	44.72	(-) 7.08	(-) 29.76
3	Moong (2022-23) Summer2023	LOCAL (small seeded)	7.43	785 Kg/ha	723 Kg/ha	1100 Kg/ha	Seed (Varsha (IPM 2K 14-9) + Pendimethalin	108	30	9.75	5.32	8.69	10.70	20.19	(-) 21.00
4	Rapeseed & Mustard (2022-23)	Raicha	6.43	7.82	11.87	29.63	Seed (RGN 73)+ PSB+Azotobacter+ Sulphur+ Fungicide+insecticide	125	50	16.23	9.65	11.25	51.79	-5.22	- 62.03
5	Sunflower(2022-23) Summer 2023	Sankar fool	17.35	16.52	14.36	22.50	Seed (KBSH 41) + Fungicide+insecticide	50	20	21.72	13.48	17.83	7.92	24.16	(-) 20.75

2.Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	Seed (IPA 203)+Insecticides + Fungicides	19897	47067	27170	2.37	20711	54285	33574	2.62
2	HYV Seed (IPL 316)+ Seed +Bio fertilizer+ weedicide + Agrochemicals	18078	32551	14273	1.80	20110	62565	42455	3.11
3	Seed (Varsha (IPM 2K 14-9) + Pendimethalin	17235	29720	12485	1.72	17905	34760	16855	1.94
4	Seed (RGN 73)+ PSB+Azotobacter+ Sulphur+ Fungicide+insecticide	13895	32150	18255	2.31	14125	56250	42125	3.98
5	Seed (KBSH 41) + Fungicide+insecticide	35875	69400	33525	1.93	35260	71320	36060	2.02

3.Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1.	Pigeon Pea(2022-23)	1974	987	57	400	587	Own consumption as well as family expenses.	20-25/House hold
2.	Lentil (2022-23)	59700	70Kg	50/kg	1500kg	58200 kg	Expenses on family maintenances .	23/House hold
3.	Moong (2022-23) Summer2023	2607 kg	20Kg/house hold	35-40/Kg	600 Kg	1525 Kg	Own consumption & Education of children	21/household
4.	Rapeseed & Mustard (2022-23)	56250 kg	30 kg/house hold	Rs 40/kg	150 kg	52500kg	To meet out Family expenses& children education fees	22/household
5.	Sunflower(2022-23) Summer 2023	35660kg	1783 kg/house hold	Rs 40/kg	0 (Hybrid)	0 (Hybrid)	Family maintenance & children education	23/household

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

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1.	Seed (IPA 203)+Insecticides + Fungicides	Suitable	Preferred	Yes	Taking long time	Very few	Short duration resistant variety desirable.
2.	Seed +Rhizobium+PSB+ Azotobacter+ Pendimethalin + Insecticides +Fungicides	Suitable	Good	Affordable	No	Yes	Short duration timely sown variety desirable
3.	Seed (Varsha (IPM 2K 14-9) + Pendimethalin	suitable	average	Less	HYV moong achieved more and more vegetative growth due to high humidity resulted reduce the fruiting.The crop may used as green manuring crop.	average	Farmer need variety which performed well in high humid condition.
4.	Seed (RGN 73)+ PSB+Azotobacter+ Sulphur+ Fungicide+insecticide	Yes	Good.	Moderate	No	Yes	Availability of Suitable variety on time desirable .
5.	Seed (KBSH 41) + Fungicide+insecticide.	Suitable	Hybrid seed	Moderate	No	Yes	farmer desire to grow hybrid from Pvt co. on reliable price.

C.Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
- Sterility mosaic resistant 246 day crop - Yield 16-18 Q/ha	Long duration (good)	Moderate	Water tolerant & short duration variety desirable.
- Date of Release : 2013 (IIPR, Kanpur) - Pedigree : Sehore74-3X DPL-58 - Large seeded - Tolerant to rust and moderately tolerant to wilt.. - Early Maturity (116 Days) - Seed rate 30 kg/ha - Yield potential 16-18 q /ha - Area of adoption :CZ	Good	Modrerate	Better performance

D. Extension activities under FLD conducted:

Crop	Extension Activities organized	Date and place of activity	Number of farmer attended		
			M	F	T
Pigeon pea Kharif 2023	Farmers training on Scientific cultivation of Pigeon pea and their plant protection measure	04/06/22	22	06	
	Selection of farmers and site selection for CFLD pigeon pea	01/07/22	24	06	30
	Farmers training on Scientific cultivation of Pigeon pea and their plant protection measure	02/07/22	25	8	33
	Farmers training on Scientific cultivation of Pigeon pea and their plant protection measure	07/07/22	18	05	23
	Farmers training on Scientific cultivation of Pigeon pea and their plant protection measure	01/9/22	28	2	30
	Diagnostic field visit	08/09/22	18	07	25
	Diagnostic field visit	30/09/22	22	03	25
	Diagnostic field visit	07/10/22	15	07	22
	Diagnostic field visit	10/10/22	17	04	21
Lentil Rabi 2022-23	Farmers training on scientific cultivation of lentil and Site selection.	28/10/22	21	5	26
	Site selection for CFLD lentil	12/11/22	10	05	15
	Farmers training on “Scientific cultivation of lentil and their plant protection measure”	15/11/22	28	02	30
	Farmers training on “Scientific cultivation of lentil and their plant protection measure”	17/11/22	21	09	30
	Farmers training on “Scientific cultivation of lentil and their plant protection measure”	18/11/22	24	06	30
	Diagnostic visit for CFLD lentil	26/11/22	05	05	10
	Diagnostic visit for CFLD lentil	6/12/22	10	05	15
	Diagnostic visit for CFLD lentil	07/12/22	8	05	13

	Farmers training on “Scientific cultivation of lentil and their plant protection measure”	08/12/22	31	04	35
	Farmers training on “Scientific cultivation of lentil and their plant protection measure”	12/12/22	28	02	30
	Farmers training on “Scientific cultivation of lentil and their plant protection measure”	15/12/22	25	05	30
	Diagnostic visit for CFLD lentil	19/12/22	05	05	10
	Diagnostic visit for CFLD lentil	21/12/22	05	05	10
	Diagnostic visit for CFLD lentil	09/02/23	11	05	16
	Diagnostic visit cum Field Day	13/02/23	08	02	10
	Diagnostic visit cum Field Day				
	Farmers training on scientific cultivation of lentil and Site selection.	28/10/22	21	5	26
	Site selection for CFLD lentil	12/11/22	10	05	15
Moong Summer 2023	Farmers Training on “ Scientific cultivation of moong & their plant Protection”	21/02/2023 KVK, Madhepura	30	0	30
	Farmers Training on “Farmers Training on “ Scientific ultivation of moong & their plant Protection”	23/02/2023 KVK, Madhepura	27	3	30
	Farmers Training on “Farmers Training on “ Scientific ultivation of moong & their plant Protection”	27/02/2023 KVK, Madhepura	23	7	30
	Farmers Training on “Farmers Training on “ Scientific ultivation of moong & their plant Protection”	01/03/2023 KVK, Madhepura	24	1	25
	Farmers Training on “Farmers Training on “ Scientific ultivation of moong & their plant Protection”	02/03/2023 KVK, Madhepura	29	1	30
	Seed treatment with Rhizobium culture, management of important pest and diseases	03/03/2023 KVK,Madhepura	25	0	25
	Diagonostic visit cum field Day	01/04/2023 , Sahogarh,	23	2	25
	Field demonstration cum field Day	11/4/2023 Chausa, Hareli Sonvarsa Udakishunganj	22	3	25
	Field demonstration cum field Day	18/04/2023 Belo, Chamgarh	23	4	27
Rapeseed & Mustard Rabi 2022-23	Seed treatment and Farmers training on “scientific cultivation of Rai”.	01/11/22	44	02	46
	Farmers training on “scientific cultivation of Rai and their plant protection” .	11/11/22	28	02	30
	Farmers training on “scientific cultivation of Rai and their plant protection” .	16/11/22	24	06	30
	Diagnostic visit cum farmers training	25/11/22	23	02	25
	Farmers training on “scientific cultivation of Rai and their plant protection” .	28/11/22	33	03	36
	Diagnostic visit cum farmers training	01/12/22	17	06	23
	Diagnostic visit cum farmers training	07/12/22	21	06	27
	Diagnostic visit cum farmers training	08/12/22	17	05	22
	Farmers training on “scientific cultivation of Rai and their plant protection” .	09/12/22	26	04	30
	Diagnostic visit for CFLD Rai	19/12/22	05	05	10

	Diagnostic visit for CFLD Rai	21/12/22	05	05	10
	Diagnostic visit for CFLD Rai	09/02/23	11	05	16
	Diagnostic visit cum Field Day	13/02/23	08	02	10
Sunflower (2022-23) Summer 2023	Land survey and selection of plots for sunflower cultivation	28/12/22	28	2	30
	Farmers training on Scientific cultivation of Sunflower and their plant protection and technique of seed treatment	09/01/23	23	0	23
	Farmers training on Scientific cultivation of Sunflower and their plant protection and technique of seed treatment.	17/01/23	22	0	22
	Diagnostic visit to Belo chamgarh	16/02/23	20	0	20

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

PIGEON PEA



LENTIL





Rapeseed & Mustard



Sunflower



F. Farmers' training photographs



G. Quality Action Photographs of field visits/field days and technology demonstrated.

H. Details of budget utilization

Crop(provide crop wise information)	Items	BudgetReceived (Rs.)	BudgetUtilization (Rs.)	Balance(Rs.)
Pigeon Pea	i) Critical input	162000.00	162000.00	0
	ii) TA/DA/POL etc. for monitoring	18000.00	18000.00	0

	iii) Extension Activities (Field day)			0
	iv) Publication of literature			0
	Total	180000.00	180000.00	0
Lentil	i) Critical input	405000.00	405000.00	0
	ii) TA/DA/POL etc. for monitoring	45000.00	30000.00	15000.00
	iii) Extension Activities (Field day)			0
	iv) Publication of literature			0
	Total	450000.00	435000.00	15000.00
Moong	i) Critical input	162000.00	162000.00	0
	ii) TA/DA/POL etc. for monitoring	18000.00	4398.00	13602.00
	iii) Extension Activities (Field day)			0
	Total	180000.00	166398.00	13602.00
Technology Agent	Salary for technology agent under pulse	60000.00	40000.00	60000.00
Rapeseed & Mustard	i) Critical input	270000.00	270000.00	0
	ii) TA/DA/POL etc. for monitoring	30000.00	2244.00	27756.00
	iii) Extension Activities (Field day)			0
	Total	300000.00	272244.00	27756.00
Sunflower	i) Critical input	108000.00	108000.00	0
	ii) TA/DA/POL etc. for monitoring	12000	0.0	12000.00
	iii) Extension Activities (Field day)			0
	iv) Publication of literature			
	Total	120000.00	108000.00	12000.00

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

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Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection													
Integrated Pest Management	08	128	20	148	30	28	58	0	0	0	158	48	206
Integrated Disease Management	01	17	4	21	2	2	4	0	0	0	19	6	25
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0

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Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7	202	23	225	6	4	10	0	0	0	208	27	235

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	01	20	5	25	1	0	1	0	0	0	21	5	26
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	01	20	5	25	1	0	1	0	0	0	21	5	26

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

[illegible]

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Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection													
Integrated Pest Management	10	219	22	241	65	14	79	0	0	0	284	36	320
Integrated Disease Management	01	25	0	25	0	0	0	0	0	0	25	0	25
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)													
TOTAL	50	1247	81	1328	271	145	416	2	2	4	1520	228	1748

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

[illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any(Integrated pest Management)	01	21	0	21	4	0	4	0	0	0	25	0	25
TOTAL	6	69	18	87	22	18	40	10	38	48	101	74	175

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	04	144	0	144	50	8	58	0	0	0	194	8	202
Integrated Nutrient management	01	48	0	48	2	0	2	0	0	0	50	0	50
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	01	16	1	17	3	0	3	0	0	0	19	1	20
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	07	326	21	347	35	5	40	0	0	0	361	26	387
Integrated Disease Management	02	53	0	53	4	0	4	0	0	0	57	0	57

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL	15	587	22	609	94	13	107	0	0	0	681	35	716

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	02	77	7	84	10	0	10	0	0	0	87	7	94
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	02	64	10	74	5	0	5	0	0	0	69	10	79
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	15	539	69	608	85	77	162	4	3	7	628	149	777
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, (cultivation of crops)	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	04	178	5	183	25	1	26	0	0	0	203	6	209
TOTAL	23	858	91	949	125	78	203	4	3	7	987	172	1159
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of low volume and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	02	0	0	0	0	60	60	0	0	0	0	60	60
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	02	59	0	59	0	0	0	0	0	0	59	0	59
Others, if any (Cultivation of Vegetable)	17	178	0	178	153	163	316	0	0	0	331	163	494

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Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	76	168 1	144	182 5	40 0	385	785	4	3	7	208 5	532	2 6 1 7

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	01	29	1	30	3	0	3	0	0	0	32	1	33
Bee-keeping	02	49	10	59	6	2	8	0	0	0	55	12	67
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	01	34	5	39	0	1	1	0	0	0	34	6	40
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	01	28	0	28	1	0	1	0	0	0	29	0	29
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	01	5	12	17	5	8	13	0	0	0	10	20	30
Sheep and goat rearing	03	74	11	85	4	5	9	0	0	0	78	16	94
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	2	1	1	2	5	5	10	10	38	48	16	44	60
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	02	55	1	56	0	0	0	0	0	0	55	1	56

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Others if any (ICT application in agriculture)	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	01	21	0	21	4	0	4	0	0	0	25	0	25
TOTAL	14	296	41	337	28	21	49	10	38	48	334	100	434

iii. Extension Personnel (On and Off Campus)

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Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	1	16	1	17	3	0	3	0	0	0	19	1	20
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
Others if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7	228	6	234	56	8	64	0	0	0	284	14	298

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campu s)	Number of participants			Number of SC/ST			Over all participants
					Male	Female	Total	Male	Female	Total	
December'2023											
Horticultu re	PF	Scientific cultivation of onion	01	OFF	21	0	21	2	0	2	23
Entomology	PF	IPM in oilseed crop	01	ON	20	0	20	5	1	6	26
	PF	Scientific cultivation of Rapeseed & Mustard & their Plant Protection	02	ON	19	11	30	6	20	26	56
A.SC.	PF	Disease of Goat and their treatment and vaccination	01	OFF	21	0	21	2	0	2	23
	PF	Management of Dairy animal	01	ON	9	1	10	2	10	12	22

	PF	Management of Dairy animal	01	OFF	20	0	20	1	0	1	21
November'2023											
Horticulture	PF	Cultivation of capsicum & tomato under polyhouse	01	OFF	34	0	34	0	0	0	34
	PF	Scientific cultivation of broccoli(SCSP)	01	OFF	0	0	0	24	11	35	35
	PF	Training on nutritional garden	01	OFF	0	0	0	30	20	50	50
Entomology	PF	Insect pest management in mango	01	ON	3	4	7	11	7	18	25
	PF	Management of aphid in mustard crop	01	ON	23	0	23	2	0	2	25
October'2023											
Horticulture	PF	Scientific cultivation of early potato	01	OFF	20	0	20	0	0	0	20
Entomology	PF	Management of FAW in maize	01	ON	23	0	23	2	0	2	25
	PF	Seed treatment with suitable fungicide in Rbi crop seed	01	ON	17	4	21	2	2	4	25
	PF	Management of fruit fly in cucurbits	01	ON	21	0	21	4	0	4	25
A.Sc.	PF	Feeding management of Dairy animal	01	OFF	20	0	20	0	0	0	20
September'2023											
Agronomy	PF	Cultivation of millets & post-harvest management	01	OFF	36	19	55	0	0	0	55
Horticulture	PF	Scientific cultivation of cole crops	01	OFF	1	0	1	7	22	29	30
	PF	Production of low volume high value vegetable crops	01	ON	25	0	25	0	0	0	25
Entomology	RY	Technique of Mushroom production	06	ON	29	1	30	3	0	3	33
August'2023											
Agronomy	PF	Weed Management in paddy	01	OFF	25	0	25	0	0	0	25

Horticulture	PF	Nursery raising technique of cole crops	01	OFF	0	0	0	25	0	25	25
	PF	Scientific cultivation of seasonal vegetables	01	OFF	26	0	26	0	0	0	26
	PF	Scientific cultivation of tomato & brinjal (NARI)	01	ON	3	0	3	6	21	27	30
	PF	Nursery raising of cole crops vegetable (SCSP)	01	ON	0	0	0	35	0	35	35
	PF	Scientific cultivation of cole crops	01	OFF	17	1	18	2	0	2	20
Entomology	PF	IPM in paddy	01	ON	19	5	24	0	0	0	24
	PF	Management of brinjal shoot & fruit borer	01	OFF	22	0	22	4	0	4	26
	PF	Management of insect in CRA paddy	01	OFF	5	2	7	38	5	43	50
	EF	IDM in kharif paddy	01	OFF	21	0	21	0	0	0	21
A.Sc.	PF	Disease of dairy animal and their control	01	OFF	26	0	26	0	0	0	26
	PF	Feeding management of dairy animal	01	OFF	27	4	31	2	0	2	33
July'2023											
Agronomy	PF	Package & practice of millets	01	OFF	5	2	7	7	17	24	31
	PF	Millets production technology	01	ON	37	20	57	3	1	4	61
Horticulture	PF	Scientific cultivation of brinjal	01	OFF	26	0	26	0	0	0	26
	PF	Scientific cultivation of drumstick & its importance	01	OFF	4	0	4	18	10	28	32
	RY	Layout & production technique of fruit crops	05	ON	28	0	28	1	0	1	29

Entomology	PF	Disease management of paddy	01	OFF	25	0	25	0	0	0	25
	PF	Management of pest & diseases in vegetable crop	01	OFF	19	8	27	0	0	0	27
	RY	Bee keeping	06	ON	19	10	29	1	2	3	32
	EF	Integrated pest and disease management in paddy	02	ON	20	5	25	1	0	1	26
A.SC.	RY	Poultry farming	05	ON	30	1	31	0	0	0	31
June'2023											
Agronomy	PF	Training on millets cultivation	01	ON	5	0	5	28	54	82	87
	PF	Training on DSR/INM	01	OFF	77	0	77	0	0	0	77
	PF	Training on DSR/INM	01	OFF	64	3	67	0	0	0	67
	EF	Method of paddy cultivation	01	OFF	40	0	40	0	0	0	40
	EF	Scientific cultivation of pulses	01	OFF	40	0	40	0	0	0	40
Horticulture	PF	Training on nutrition garden	01	OFF	0	0	0	30	20	50	50
	PF	Scientific cultivation of fruits	01	OFF	15	0	15	0	0	0	15
Entomology	PF	Home scale storage and store grain pests	01	OFF	16	3	19	3	2	5	24
	PF	Management of fruit fly through pheromone trap	01	OFF	18	0	18	3	2	5	23
	PF	Seed treatment in kharif crops & their importance	01	OFF	23	0	23	2	0	2	25
	PF	IPM in kharif paddy	01	OFF	24	2	26	2	0	2	28
	EF	Role of Nano urea, DAP in pest management	01	OFF	35	0	35	5	0	5	40
A.Sc.	PF	Goat Farming	01	ON	0	0	0	14	15	29	29

	Ry	Goat Farming	04	ON	28	1	29	1	0	1	30
May'2023											
Agronomy	PF	Integrated crop management	01	OFF	25	0	25	20	5	25	50
	PF	Crop diversification	01	OFF	35	2	37	5	0	5	42
	PF	Integrated nutrient management	01	OFF	36	4	40	5	1	6	46
	PF	Scientific cultivation of paddy	01	OFF	61	3	64	7	2	9	73
	PF	Integrated weed management	01	OFF	52	7	59	10	0	10	69
	EF	Integrated weed management	01	OFF	42	2	44	3	2	5	49
	EF	Integrated nutrient management	01	OFF	56	4	60	5	1	6	66
	EF	Scientific cultivation of paddy	01	OFF	61	3	64	7	2	9	73
	EF	Scientific cultivation of kharif crop	01	OFF	32	7	39	10	0	10	49
Entomology	PF	Management of pest & disease of moong	01	OFF	47	5	52	5	3	8	60
	PF	Management of pest and disease of sunflower	01	OFF	20	0	20	5	0	5	25
	Ry	Bee Keeping	01	OFF	30	0	30	5	0	5	35
	EF	Management of FAW in maize	01	OFF	20	0	20	5	0	5	25
	EF	Important disease of kharif crops & their management	01	OFF	20	0	20	3	0	3	23
A.Sc.	PF	Feeding management of Dairy animal	01	OFF	19	2	21	4	0	4	25
April'2023											
Agronomy	PF	Scientific cultivation of millets	02	ON	25	18	43	0	0	0	43
	PF	Nutrient management & Crop diversification	01	OFF	48	1	49	0	0	0	49

	PF	Crop diversification	01	OFF	29	8	37	0	0	0	37
	PF	Scientific cultivation of jute	01	OFF	22	0	22	0	0	0	22
	PF	Zero tillage moong cultivation	01	OFF	14	0	14	0	0	0	14
Horticulture	PF	Scientific cultivation of banana, Use and distribution of trichoderma	01	OFF	10	0	10	0	0	0	10
	PF	Scientific cultivation of banana cum OFT distribution	01	OFF	10	0	10	0	0	0	10
	PF	Training & demonstration of millets	02	ON	25	18	43	0	0	0	43
Entomology	PF	Cultivation of moong & their Plant protection	01	OFF	25	2	27	3	2	5	32
	PF	Management of pest and disease of millets under CRA	02	ON	25	5	30	5	0	5	35
	RY	Management of FAW in maize	01	OFF	21	0	21	4	0	4	25
	EF	Classification of pesticides symptom of deficiency elements & their management	01	OFF	36	0	36	4	0	4	40
	EF	Different types of fungicide, their dose formation, disease symptom & their management	01	OFF	36	0	36	4	0	4	40
	EF	Management of FAW in maize	01	OFF	34	0	34	6	0	6	40
March'2023											
Agronomy	PF	Nutrient management in Rabi Maize by drone spray	01	OFF	51	0	51	8	0	8	59
	PF	Nutrient management in	01	OFF	43	0	43	12	0	12	55

		Rabi maize by drone spray									
	PF	Scientific cultivation of Millets	01	ON	45	0	45	5	0	5	50
	PF	Scientific cultivation of green gram	01	OFF	38	0	38	12	0	12	50
Horticulture	PF	Goat farming & role of horticultural crop in goat farming (SCSP)	02	ON	0	0	0	0	15	15	15
	PF	Scientific cultivation of kharif vegetable (Okra, Cucumber) (SCSP)	02	ON	0	0	0	8	22	30	30
	PF	Scientific cultivation of Kharif vegetable	02	ON	0	0	0	8	22	30	30
A.Sc.	PF	Goat Farming	02	ON	0	0	0	0	15	15	15
	PF	Poultry Farming	02	ON	30	0	30	0	0	0	30
	RY	Important disease of dairy animal and their treatment and vaccination A.I technique	01	OFF	5	12	17	5	8	13	30
	RY	Pig Farming	03	OFF	0	0	0	10	20	30	30
	EF	Fodder production and its conservation technique	01	OFF	16	1	17	3	0	3	20
February'2023											
Agronomy	PF	Importance of Laser land leveler	01	ON	35	0	35	5	0	5	40
	PF	Scientific cultivation of Rabi & Summer crop	01	ON	50	0	50	0	0	0	50
	EF	Role of Sulphur in crop production	01	OFF	48	0	48	2	0	2	50
	EF	Package & practice of Rabi & summer crop	01	OFF	35	0	35	15	0	15	50
Horticulture	PF	Scientific cultivation of onion	01	OFF	25	0	25	0	0	0	25

	RY	Cultivation of green leaf vegetable	01	ON	34	5	39	0	1	1	40
A.Sc.	RY	Goat Rearing	03	ON	34	5	39	0	1	1	40
	RY	Common disease of goat and their treatment and vaccination	01	OFF	12	5	17	3	5	8	25
January'2023											
Animal Sc.	RY	Backyard Poultry Farming	03	OFF	25	0	25	5	0	5	30
	RY	Pig Farming	03	OFF	1	1	2	5	23	28	30

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Poultry Farming	Poultry Farming	Backyard Poultry Farming	06	60	1	61	Poultry unit	20	-	-
Pig Farming	Piggery	Pig Farming	06	16	44	60	Pig Unit	5	-	-
Goat Rearing	Goat rearing	Goat rearing	06	63	7	70	Goat unit	40	-	-
Dairying	Dairying	Dairying	03	10	20	30	Dairy unit	20	-	-
Apiculture	Beekeeping	Beekeeping	06	20	12	32	Apiculture	7	-	-
Mushroom Culture	Mushroom cultivation	Mushroom cultivation	06	32	1	33	Mushroom unit	20	-	-

*Training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl .	Title	Thema tic area	Mo nth	Duratio n (days)	Cl ient	No. of courses	No. of Participants										Spons oring Agenc y
					PF /R Y/ EF		Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Poul try farm ing &	Poultry Farmin g	Au gus t	03	R Y	01	29	0	0	0	1	0	29	1	0	30	BKBD P, Fisher ies & Anim

	Man age men t																l Resou rce Deptt., GoB
2	Goa t Far min g & Fee ding Man age men t	Goat Farmin g	Au gus t	03	R Y	01	27	2	0	1	0	0	28	2	0	30	
3	Sila ge Mak ing and Prod ucti on	Silage making	Se pte mb er	03	R Y	02	53	2	0	5	0	0	58	2	0	60	
4	Poul try farm ing & Man age men t	Poultry Farmin g	Se pte mb er	03	R Y	02	58	2	0	0	0	0	58	2	0	60	
5	Goa t Far min g & Fee ding Man age men t	Goat Farmin g	Se pte mb er	03	R Y	01	20	3	0	5	2	0	25	5	0	30	
6	Goa t Far min g & Fee ding Man age men t	Goat Farmin g	Oct obe r	03	R Y	01	27	1	0	2	0	0	29	1	0	30	
7	Sila ge Mak ing and Prod ucti on	Silage making	Oct obe r	03	R Y	01	20	9	0	0	1	0	21	9	0	30	
8	Poul try farm ing & Man	Poultry Farmin g	Oct obe r	03	R Y	01	24	6	0	0	0	0	24	6	0	30	

	age ment																
9	Goat Farm ing & Feed ing Man age ment	Goat Farm ing	No ve mb er	03	R Y	01	23	7	0	0	0	0	23	7	0	30	
10	Sila ge Mak ing and Prod uction	Silage making	No ve mb er	03	R Y	04	64	29	0	14	13	0	78	42	0	120	
11	Savi ng of ener gy and water in Agri culture	Energy saving	De ce mb er	01	R Y	01	23	6	0	4	20	0	27	26	0	53	BRED A, Patna

J. Information on ASCI Skill Development Training Programme funded by ICAR undertaken during 2023

Total no of training organise d	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants								Fund utilized for the training (Rs.)	
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F		T
Not Conducted													

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

Total no of training organis ed	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants								Fund utilized for the training (Rs.)	
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F		T
01	Q1203	Vermi compost	240	0	0	0	0	1 9	1	1 9	1	20	

3.4. A. ACHIEVEMENTS OF EXTENSION/OUTREACH ACTIVITIES
(Including activities of FLD programmes)

Nature of Extension Activity	No. of activitie s	Farmers					Extension Officials					Total				
		M	F	Tota l	SC (no.)	ST (no.)	M	F	Tota l	SC (no.)	ST (no.)	M	F	Total	SC (no.)	ST (no.)
Kisan Mela organized	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kisan Mela participated	3	108 3	78	1161	10	9	0	0	0	0	0	108 3	78	1161	10	9

[illegible]

World environment day	01	9	16	25	46	13	0	0	0	0	0	9	16	25	46	13
Eradication of Malnutrition	01	5	0	5	82	0	0	0	0	0	0	05	0	05	82	0
Drone Demonstration	01	150	0	150	0	0	0	0	0	0	0	0	0	150	0	150
Mera Mati Mera Desh	01	30	0	30	0	0	0	0	0	0	0	0	0	30	0	30

B. Other Extension/content mobilization activities

Nature of Extension Activity	No. of activities
Newspaper coverage	13
Radio talks	-
TV talks	3
Popular articles published	1
Extension Literature	9
Electronic media	-
Any other	

C. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Technical Day (16-18 July 2023)	01	188	crop/livestock technology

D. Celebration of important days in KVKs

Celebration of Important Days	No. of activities	Farmers			Extension Officials			Total		
		M	F	Total	M	F	Total	M	F	Total
Republic day (26 th Jan.)	01	0	0	0	21	4	25	21	4	25
International Women's Day (8 th Mar.)	00	0	0	0	0	0	0	0	0	0
Ambedkar Jayanti (14 th Apr.)	0	0	0	0	0	0	0	0	0	0
World's Veterinary Day (Last week of April)	0	0	0	0	0	0	0	0	0	0
World 'Milk Day	0	0	0	0	0	0	0	0	0	0
International Yoga Day (21 st Jun.)	01	20	0	20	0	0	0	20	0	20
Independence Day (15 th Aug.)	01	28	0	28	8	0	8	36	0	36
Parthenium Awareness Week	01	15	0	15	8	2	10	22	2	24
Hindi Diwas (14 th Sep.)	01	30	0	30	10	2	12	40	2	42
Gandhi Jayanti (2 nd Oct.)	01	30	0	30	10	2	12	40	2	42
Mahila Kisan Diwas (15 th Oct.)	01	30	0	30	10	2	12	40	2	42
World Food Day (16 th Oct.)	0	0	0	0	0	0	0	0	0	0
Vigilance Awareness Week	0	0	0	0	0	0	0	0	0	0
National Unity Day (31 st Oct.)	0	0	0	0	0	0	0	0	0	0
World Science Day (10 th Nov.)	0	0	0	0	0	0	0	0	0	0
National Education Day (11 th Nov.)	0	0	0	0	0	0	0	0	0	0
Fisheries day (21 Nov)	0	0	0	0	0	0	0	0	0	0
National Constitution Day (26 th Nov.)	0	0	0	0	0	0	0	0	0	0
World Soil Day (5 th Dec.)	01	96	0	96	4	2	6	100	2	102
Kisan Diwas (23 rd Dec.)	01	30	0	30	10	2	12	40	2	42
Any other day										
Bihar Diwas(23-24.03.2023)	01	50	0	50	0	0	0	50	0	50
Drone Demonstration(27.03.2023)	01	150	0	150	0	0	0	150	0	150
World enviromant day(05.06.2023)	01	28	56	84	0	0	0	28	56	84

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

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total
1	27.02.2023	PM Kisan Samman Nidhi	PM	75	10	0	85
2	30.04.2023	100 th Episode of PM mann ki Bat	PM	34	7	0	41
3	27.07.2023	PM Mann ki Bat on Kisan Sammann Nidhi	PM	50	12	0	62
4	16.07.2023	95 th ICAR foundation day		61	3	0	64
5	15.11.2023	PM Live telecast	PM	30	10	0	40

F. Viksit Bharat Sankalp Yatra (LLB and ULB)

SL	Date of event	Name of Event/ Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP / Others	Total
1	01.12.23	Viksit Bharat Sankalp Yatra	PM/AM	52	1	3	56
2	02.12.23	Viksit Bharat Sankalp Yatra	PM/AM	58	1	4	63
3	04.12.23	Viksit Bharat Sankalp Yatra	PM/AM	251	1	5	257
4	05.12.23	Viksit Bharat Sankalp Yatra	PM/AM	181	1	2	184
5	06.12.23	Viksit Bharat Sankalp Yatra	PM/AM	207	1	2	210
6	07.12.23	Viksit Bharat Sankalp Yatra	PM/AM	243	1	3	247
7	08.12.23	Viksit Bharat Sankalp Yatra	PM/AM	144	1	2	147
8	09.12.23	Viksit Bharat Sankalp Yatra	PM/AM	212	1	4	217
9	11.12.23	Viksit Bharat Sankalp Yatra	PM/AM	185	1	4	190
10	12.12.23	Viksit Bharat Sankalp Yatra	PM/AM	339	1	4	344
11	13.12.23	Viksit Bharat Sankalp Yatra	PM/AM	215	1	4	220
12	14.12.23	Viksit Bharat Sankalp Yatra	PM/AM	212	1	4	217
13	15.12.23	Viksit Bharat Sankalp Yatra	PM/AM	207	1	7	215
14	16.12.23	Viksit Bharat Sankalp Yatra	PM/AM	279	1	6	286
15	18.12.23	Viksit Bharat Sankalp Yatra	PM/AM	305	1	4	310
16	19.12.23	Viksit Bharat Sankalp Yatra	PM/AM	737	1	9	747
17	20.12.23	Viksit Bharat Sankalp Yatra	PM/AM	772	2	12	786
18	21.12.23	Viksit Bharat Sankalp Yatra	PM/AM	1174	2	6	1182
19	22.12.23	Viksit Bharat Sankalp Yatra	PM/AM	1330	2	8	1340
20	23.12.23	Viksit Bharat Sankalp Yatra	PM/AM	1231	2	10	1243
21	25.12.23	Viksit Bharat Sankalp Yatra	PM/AM	1265	1	7	1273
22	26.12.23	Viksit Bharat Sankalp Yatra	PM/AM	1295	2	6	1303
23	27.12.23	Viksit Bharat Sankalp Yatra	PM/AM	1305	2	11	1318
24	28.12.23	Viksit Bharat Sankalp Yatra	PM/AM	1248	2	14	1264
25	29.12.23	Viksit Bharat Sankalp Yatra	PM/AM	1004	2	4	1010
26	30.12.23	Viksit Bharat Sankalp Yatra	PM/AM	1162	2	5	1169
27	31.12.23	Viksit Bharat Sankalp Yatra	PM/AM	370	1	5	376
28	01.01.24	Viksit Bharat Sankalp Yatra	PM/AM	780	02	4	786
29	02.01.24	Viksit Bharat Sankalp Yatra	PM/AM	1742	02	3	1747
30	03.01.24	Viksit Bharat Sankalp Yatra	PM/AM	1488	02	14	1504
31	04.01.24	Viksit Bharat Sankalp Yatra	PM/AM	1229	1	11	1241
32	05.01.24	Viksit Bharat Sankalp Yatra	PM/AM	797	2	8	807
33	06.01.24	Viksit Bharat Sankalp Yatra	PM/AM	1110	2	8	1120
34	08.01.24	Viksit Bharat Sankalp Yatra	PM/AM	1238	2	7	1247
35	09.01.24	Viksit Bharat Sankalp Yatra	PM/AM	1287	2	8	1297

36	10.01.24	Viksit Bharat Sankalp Yatra	PM/AM	1157	2	9	1168
37	11.01.24	Viksit Bharat Sankalp Yatra	PM/AM	1122	1	8	1131
38	12.01.24	Viksit Bharat Sankalp Yatra	PM/AM	626	1	8	635
39	13.01.24	Viksit Bharat Sankalp Yatra	PM/AM	395	1	8	404
40	15.01.24	Viksit Bharat Sankalp Yatra	PM/AM	3447	2	8	3457
41	16.01.24	Viksit Bharat Sankalp Yatra	PM/AM	3188	2	9	3199
42	17.01.24	Viksit Bharat Sankalp Yatra	PM/AM	3379	2	5	3386
43	18.01.24	Viksit Bharat Sankalp Yatra	PM/AM	2646	3	4	2653

3.5.a. Production and supply of Technological products

A. Seed production at seed village : NA

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

B. Seed production at KVK farm

Type of seed produced	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Cereals							
Wheat	HD 2967 & S. Shreshtha	183.40 37.0	810000.00 146250.00	-	-	-	-
Paddy	R.M 1 S.Sampann S.Deep S.Sona	238.0 110.0 24.0 1.40	800000.00 440000.00 90000.00 5000.00	-	-	-	-
Oil seed	-	-	-	-	-	-	-
Pulses Moong	Varsha Shikha	1.97 1.93	30600.00 34200.00	-	-	-	-
Green Manure	-	-	-	-	-	-	-
Commercial crop	-	-	-	-	-	-	-
Vegetables	Brinjal, Tomato, chilli	10000(No.)	-	-	-	-	-
Fodder Maize	DKC 9165 Bahubali	1.24 6.41	-	-	-	-	-
Spices	-	-	-	-	-	-	-
Fruits Dragon fruits	Rosa	100(No.)	-	-	-	-	-
Forest crop	-	-	-	-	-	-	-
Ornamental/flower	-	-	-	-	-	-	-
Medicinal	-	-	-	-	-	-	-
Grand Total	14	-	-	-	-	-	-

C. Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower	Hybrid	1000	-	-	-	-	-
Cabbage	Golden acre	10000	-	-	-	-	-
Tomato	Hybrid	5000	3900.00	-	-	-	-
Brinjal	Hybrid	5000		-	-	-	-
Chilli	Hybrid	5000		-	-	-	-
Onion	-	-	-	-	-	-	-
Brocoli	Hybrid	1000	-	-	-	-	-
Commercial seedlings							
Mulberry	-	-	-	-	-	-	-
Sugarcane,	-	-	-	-	-	-	-
Sweet Potato	-	-	-	-	-	-	-
Turmeric	-	-	-	-	-	-	-
Zinger	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-
Fruits seedlings							
Mango	-	-	-	-	-	-	-
Guava	-	-	-	-	-	-	-
Lime	-	-	-	-	-	-	-
Papaya	-	-	-	-	-	-	-
Banana	-	-	-	-	-	-	-
Ornamental plants							
Marigold	-	-	-	-	-	-	-
Annual chrysanthemum	-	-	-	-	-	-	-
Tuberose	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-
Medicinal and Aromatic	-	-	-				
Passion Fruits	-	30		-	-	-	-
Dragon fruit	Rosa	200	3200.00	-	-	-	-
Grand Total		27230	-	-	-	-	-

D. Forest species

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
NOT APPLICABLE							

E. Fodder crops saplings

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

				SC	ST	Other	Total
NOT APPLICABLE							

F. Production of Bio-Products

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

G. Production of livestock & fisheries materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows & Calves	Cross Breed	4	-	-	-	-	-
Buffaloes	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-
Small ruminants							
Sheep	-	-	-	-	-	-	-
Goat	-	-	-	-	-	-	-
Other, please specify	-	-	-	-	-	-	-
Poultry							
Broilers	-	-	-	-	-	-	-
Layers	-	-	-	-	-	-	-
Duals (broiler and layer)	-	-	-	-	-	-	-
Japanese Quail	-	-	-	-	-	-	-
Turkey	-	-	-	-	-	-	-
Emu	-	-	-	-	-	-	-
Ducks	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-
Piggery							
Piglet	-	-	-	-	-	-	-
Hog	-	-	-	-	-	-	-
Others (Pl. specify)	-	-	-	-	-	-	-
Rabbitry							
Fisheries							
Indian carp	Rehu+Katla	234 Kg	-	-	-	-	-
Exotic carp	-	-	-	-	-	-	-
Mixed carp	-	-	-	-	-	-	-
Fish fingerlings	-	-	-	-	-	-	-
Spawn	-	-	-	-	-	-	-

Fish	Monosex Tilapia	100 Kg	-	-	-	-	-
Grand Total	-	-	-	-	-	-	-

H. SOIL & WATER TESTING

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

Sl. No	Name of the Equipment	Qty.
1	Mini Soil Testing Kit	01

b. Details of samples analyzed so far

Total number of soil samples analyzed till now		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
-	22	22

c. Detail of Soil, Water and Plant analysis at KVK (2023)

Sl.	Analysis	No. of Samples analyzed	No. of Villages covered	No. of Farmers benefitted	Amount realized (Rs.)
1.	Soil	22		22	
2.	Water				
3.	Plant				
4.	Fertilizers				
5.	Manures				
6.	Food				
7.	Others (if any)				

d. Details of World Soil Day Celebration

Sl. No.	No. of Activity conducted	Soil Health Cards distributed	No. of farmers benefitted	No. of VIPs Number of	Name (s) of VIP(s) involved if any	Total No. of Participants attended the program
1	1	0	96	0	-	102

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

S.No	No of training programme conducted	No. of demonstrations	No. of plant material produced	Visit by the farmers (No.)	Visit by the officials (No.)

3.5. b. Seed Hub Programme - "Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India"

NOT APPLICABLE

1. Name of Seed Hub Centre:

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

2. Quality Seed Production of Pulses

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

3. Financial Progress

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

4. Infrastructure Development

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

3.6 PUBLICATIONS, HUMAN RESOURCES DEVELOPMENT & AWARDS & RECOGNITION

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

S.No	Item	Details of publication bibliographic form		NASS Rating
1	Research paper	Standardization of sowing time of Cape. Gooseberry(<i>physalis peruviana L.</i>) for higher growth & yield of fruits under Sub-tropic of Bihar	V.Kumar, Pal M., Singh R.S, Patel VB, Ojha Md., Verma R.B, Verma R.K & Singh A.P (2023)-Environment and Ecology 41(2B):1177-1181	
		Humic acids: Overview and prospective with especial emphasis on Lignite derived	Singh S., Dube A., S.K, Pathak J., Singh M.P, Raghuwasi R., Verma R.K & Tiwari A.(2023)-Int.J.Stat. & Math- S.P-8(4):PP-249-256	
		Assessment of the enhanced Bottlegourd variety and its production methods using FLD	Maurya R., Singh P., Meena M.L, Tiwari D.K., Verma R.K. , Kumari S. A.(2023)-Int.J.Stat. & Math- S.P-8(5):PP-611-613	
		Assessment of okra(<i>Abelmoschus esculentus L.Moench</i>) var. 'Kashi Kranti' in Muzaffarpur district of Bihar	Maurya R., Meena ML, Singh P., Kumari A., Verma R.K.(2023) -Int.J.Stat. & Math- S.P-8(5):PP-608-610	
		Exploring the significance of insects in ecosystems: A comprehensive examination of Entomological studies	Sharma Ram Prakash , Boruah A., Khan A., Thilagam P., Akansha, Sivakumar S., DHopala P. and Singh B.V International Journal of Environment and climate change vol. 13, Issue 11, P.P. 1243-52	
		Seasonal incidence of leaf webber (<i>Orthaga Euadrusalis walker</i>) and its management	Sharma Ram Prakash and Vishkarama S.P , J. Krishi Vigyan 2023,11(Supple): 219-223	

B. Details of Other Publications

Particulars	Details of publication bibliographic form		No of copies published (if any)	No of copies distributed (if any)
Seminar/conference/ symposia papers	Conference cum workshop on Traditional super foods : Maize, Millets and Makhana (6-8 December 2023) Organised by MBAC, Agwanpur(Saharsa), BAU, Sabour	Participant Dr. R.P Sharma, SMS(Ento.)		
	One month International Training cum certificate course on : Precision Agriculture : " Farming with new perspectives" organized by CSJM UNIVERSITY, KANPUR AND ICAR-ATARI, KANPUR in collaboration with ICRISAT-Hydrabad, IIMR-Hydrabad, CISH-Lucknow, IIPR-Kanpur, CAU-Imphal, CSAUAT-Kanpur, ANDUAT-Ayodhya, RLBCAU-Jhansi, RVSKVV-	Participant Dr. R.P Sharma, SMS(Ento.)		

	Gwalior, SKUAST-Kashmir, SKUAST-Jammu, SVPAUAT-Meerut, NHRDF-New Delhi, CAIE-NABARD and Agri Meet foundation			
	21 days summer school in online mode on Emerging challenges and opportunities in Biotic and Abiotic stress Management (10-30 Aug 2023) Organised by Ashtha Foundation-Meerut, U.P, India	Participant Dr. R.P Sharma, SMS(Ento.)		
Books				
Book Chapter				
Popular articles	*□□□□□□□□ □□ □□□□□ □□□□ □□□□□ □□□□ □□□□□ (2023)	Singh, S., A. Tiwari, R. Raghuwansi, S. Kumar and R.K Verma (2023) Kahar-Oct – Dec 10(4) P.P 9-10		
	Sustainable pest management	Ram Prakash sharma, Agritech Today Oct 2023, Vol. 1, Issue 7, P.P. 55-58		
	Management of Pest in Organic Agriculture	Ram Prakash sharma, Agritech Today Oct 2023, Vol. 1, Issue 7, P.P. 78-81		
success story				
Bulletins				
Agro-advisory bulletins				
Extension Folders				
Technical reports	Annual Report CRA programme-Bihar (P.P – 134-136)			
News letter				
Electronic Publication (CD/DVD etc)				
TOTAL				

C. Details of HRD programmes undergone by KVK personnel

Sl. No.	Name of KVK personnel and designation	Name of course/training program attended	Date and Duration	Organizer/Venue
1.	NA	NA	NA	NA

D. Details of attachment training (RAWF/ FET for ARS/Others) through KVK

Type of attachment	No of student trained	No of days stayed
RAWF & AIA Prog.		140 days

E. Awards/Recognition
Institutional Award received by KVK

Sl. No.	Name of the Award	Conferring Authority	Amount	Purpose
1	Appreciation Award	BAU, Sabour(Bhagalpur)	Certificate	For RF more than 1 crore

Award received by KVK Scientists

Sl.	Name of the Award	Name of the Scientist	Value in Amount/	Purpose	Conferring Authority
-	-	-	-	-	-

Award received by Farmers

Sl.	Name of the Award	Name of the Farmer	Address	Contact No.	Aadhar No.	Amount	Purpose	Conferring Authority
1	Best Farmer for Millets production	Nawal Kishor Bharti	Vill-Sripur Block+Dist.- Madhepura	8986129499	-	Certificate	For Millets Production	BAU, Sabour(Bhagalpur) In Kisan Mela

3.7. TECHNOLOGY DEVELOPMENT

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

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

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

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1	Finger Millet (Ragi)	Irrigation followed by land preparation then transplanting of Ragi seedlings in dry field.	For getting higher number of tillers in comparison to puddle transplanting or conventional method of finger millet
		Giving pata at 15-25 days after transplanting in standing crops of finger millet.	Getting average 6-9 tillers l or maximum 13 tillers per hil of finger millet.
2	Bamboo Boring	Rural people of Madhepura district practiced Borewell through use of Bamboo bamboo-stick in place of plastic/iron pipe. Use of plastic net to wrap the filter repaired from bamboo sticks.	Low cost of Borewell .

Give details of by the farmer (if Any)

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

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

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

4. IMPACT

4.1 Impact of KVK activities till now (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Demo of cucurbits fruit fly trap	43	57%	31000/ha	47000/ha
Management of sheath blight	10	15%	5900/ha	11000/ha
Management of late blight of potato by Redomil Gold	18	25%	82000/ha	125000/ha
Zero tillage wheat	450	21%	25800/ha	31550/ha
Wheat cv.HD 2967	85	40 %	24800/ha	30586/ha
Weed Management in Paddy by Pyrazosulfuron Ethyl 10WP + Bispyribac Sodium 10SC	750	15%	5680/ ha	5690/ ha
Balance use of Inorganic fertilizer in Hybrid maize	41	32%	64500/ha	79000/ha
INM in Mango	65	17%	Rs 45290	Rs 65110
Weed Management in jute	15	33%	Rs 49430	Rs 83430
Effect of mineral mixture in cow	49	16%	Rs 62/day	Rs 88/day
Kid mortality in goat	79	15%	Rs 62,000/100 Kids	Rs 92,000/100Kids

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

4.2. Cases of large-scale adoption (Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Use of PPVR vaccination in goat	3000 kids/goat
Poultry Farming	115 farm established
Use of pheromone traps management of fruitfly in cucurbits and vegetables	50-100 acres
Sowing of wheat through Zero Tillage Machine.	A large no. of farmers adopted cultivation of wheat through ZT Technique. Its area expand upto 1000 acres of land and every year new farmers adopted this technology.

Give information in the same format as in case studies

4.3. Details of impact analysis of KVK activities carried out during the reporting period

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
1	Sowing of wheat through Zero tillage technique	About 400-500 acres of land covered under ZT wheat by the farmers of Bhatkhora CRA adopted village Behrari etc.	400-500 acres of land covered under ZT wheat.

4.4. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Adoption of Poultry farming (Karaknath) and Quail Farming
Name & complete address of the entrepreneur	Jatin Kumar Village – Madhuban, Block – Udakishanganj, Dist. – Madhepura
Role of KVK with quantitative data support:	1. Took advices from KVK Scientist from time to time. 2. KVK follow up and suggest for employment & marketing.

	3. KVK impart training and technical support about package and practises of Poultry farming.
Timeline of the entrepreneurship development	About 2-3 years ago, The farmer started normal Poultry farming after some experiences and training, he shift to rearing of Karaknath & Quail farming. He sold his product specially in local market on lucrative price.
Technical Components of the Enterprise	• Training about rearing of Poultry and quail farming. • Provide suggestion regarding Vaccination, treatment, housing and feeding of birds.
Status of entrepreneur before and after the enterprise	• Before farming he depend on his parents income for livelihood and education. • After adoption of Poultry and quail farming he successfully maintained their families by his own farm income.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	He purchased chicks of Karaknath from Jhabua district of Chhatisgarh with Laisigning of vendors via Patna while Quails are purchased from Nalanda district. Consumers of high income group and health conscious easily purchased on high price due to its nutritional value. Slowly demands raised in local market and need to product at cheaper rate.
Horizontal spread of enterprise	He earned about Rs 3-5 lakhs per anum

4.5. Success stories/Case studies, if any (two- or three-pages write-up on 1-2 best case(s) with suitable action photographs)

Name of farmer	Binod Kumar Sah
Address	S/o Sri Krit Narayan Sah Vill.-Resna, Block- Gwalpara Dist.- Madhepura
Contact details (Phone, mobile, email Id)	9939663849
Landholding (in ha.)	14 acre
Name and description of the farm/ enterprise	Conventionally grown paddy required Rs.5000/acre for preparation of land (puddling and transplanting) after adoption of cultivation through ZT technique reduce the cost of cultivation. * Advanced sowing results time saving device by utilization of agricultural land throughout year. *Weed management by treatment of Glyphosate 24 hours prior to sowing and application of post emergence of weedicide, if required scientifically. * Water saving technique to use optimum natural resources. *Cultivation of paddy through Direct Seeding using ZT machine in Kharif . *Cultivation of wheat through ZT in Rabi season.
Economic impact	Family economic crisis enforced me to adopt some innovative idea to get maximum profit from farm income. I have 8.72 ha cultivable land but due to labour problem all plots not cropped on time hence I face shortage of yield and benefit. I came in contact with scientists of KVK, Madhepura. They suggest to adopting cultivation of paddy and wheat through Zero Tillage Technique under CSISA project.
Social impact	Every Year in Kharif and Rabi season thousands of farmers of the district visited under exposure visit program. Many farmers inspired with him for adoption of Sowing of wheat through ZT and maize+ potato cropping system.
Environmental impact	Environmentally safe
Horizontal/ Vertical spread	More than 200-300 farmers adopted ZT technique within the district. He also perform as ZT machine service provider.

Brief: Binod Kumar Sah got annual income of Rs.1700000 from Wheat, Maize and Potato as well as Dairy. He also practice commercial vegetable cultivation. He practices Wheat, Maize and potato with commercial vegetable cultivation in 14 acres of land. Earlier before adoption of Zero tillage wheat he was earning around Rs900000.00. Now his earning after adoption has increased.

Photographs:**4.6. Any other initiative taken by the KVK****5. LINKAGES****5.1. Functional linkage with different organizations**

Name of organization	Nature of linkage
ATMA, MADHEPURA	Farmer scientist interaction, Technology assessment and refinement, Farmers training, Rabi and Kharif Mahotsav programme, kisan chaupal and technical guidance
DAO, MADHEPURA	Farmer scientist interaction, Technology assessment and refinement, Farmers training, Rabi and Kharif Mahotsav programme, kisan chaupal and Technical guidance
F.E.O, MADHEPURA	Technical guidance
CHRISTIAN HOSPITAL, MADHEPURA	Training, FLD, Kisan chaupal, Technical guidance
WORLD VISION, MADHEPURA	Training, FLD Kisan chaupal, Technical guidance
JIVIKA, MADHEPURA	Training, FLD Kisan chaupal, Technical guidance etc.
NABARD	Training, kisan club formation.
SBI, S.H.G, HCDI/ICAJ	Training.
NARI VIKAS KENDRA	Training.
NEHRU YUVA KENDRA	Training..
IFFCO	Training and trail
Bihar Kosi Basin development Program	Training

5.2. Details of Externally funded project & Programmes during 2023 (Eg. ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies) (information of previous years should not be provided)**a) Programmes for infrastructure development**

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
BKBDP, Bihar	Training of farmers	March 2023	GoB	
SC-SP	Training & others	April'2023	ATARI	

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

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

6. PERFORMANCE INDICATORS

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

S.N.	Name of Demo Unit	Year of Estab.	Area (Sq.mt.)	Details of production			Amount (Rs.)		Remarks
				Variety/ breed	Produce	Qty.	Cost of Inputs	Gross Income	
1	IFS	2012	4000	Cross Breed	Milk	1952 Lit	63856	78040	
				Cross Breed	Cow & Calf	4	0	62000	
	Gauva	2012	400	Alahabad Safeda	Gauva	300 Kg	0	3000	
	Fish	2012	1600	Rehu +Katla	Fish	234 Kg	0	35100	Auction
Total							63856	178140	
2	Monosex Tilapia Fish	2022	400	Monosex Tilapia	Fish	100 Kg	9000	20000	Production expected
3	Nursery	2009	490	Mango		390	7600	27300	
				Guava		18	180	720	
				Litchi		99	1000	3960	
				Dragon Fruit		23	300	1380	
				Cauliflower cabbage , Broccoli		10000	1800	5000	
				Capsicum		10 kg	100	500	
				Papaya		20	100	400	
				Banana		15 ghaund	500	2160	
Total							11580	41420	

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Wheat	6 December 2022	15 April 2023	6.0	HD 2967	CS	183.40	300000	480000	
Wheat	12 December 2022	18 April 2023	3.0	S.Shreshtha	CS	37.0	150000	270000	
Paddy	27 June 2023	11 Nov. 2023	7.0	R.M 1	CS	238.0			
Paddy	29 June 2023	14 Nov. 2023	2.0	S.Sampann	FS	110.0			
Paddy	30 June 2023	16 Nov. 2023	0.4	S.Deep	CS	24.0			
Paddy	30 June	16 Nov. 2023	0.05	S.Sona	TL	1.40			

6.3. Performance of Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) : NOT APPLICABLE

Sl.		Qty. (Kg)	Amount (Rs.)	Remarks
-----	--	-----------	--------------	---------

No.	Name of the Product		Cost of inputs	Gross income	
1.					

6.4. Performance of Instructional Farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Fish Pond	Rohu and Katla	Rohu and Katla	234 Kg	0	35100	Auction
2	Fish Pond	Monosex Tilapia	Fish	100 Kg	9000	20000	Production expected
3.	Dairy	Cross Breed	Milk	1952 Lit	63856	78040	Sold
4	Dairy	Cross Breed	Cow & Calf	4	0	62000	Sold

6.5. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
2008	ICAR	Non Functional

6.6. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Total:			

(For whole of the year)

6.7 Utilization of staff quarters

- Whether staff quarters have been completed: Partially
- No. of staff quarters: 05

- **Date of completion: 05/10/2012**

(SMS + Supporting staff quarter) + 02/02/2013(P.C quarter)

- **Occupancy details: Occupied**

Months	Q I	QII	Q III	QIV	Q V	QVI
24.07.2019	Programme Coordinator quarter (Dr. B.K Mandal, Sr Sc & Head)					
01/10/2015	SMS quarter I (Dr. M.K Roy-I/C Sr. Sc. & Head)					
24.07.2019	SMS quarter II (Dr. R.P Sharma, SMS-Entomology)					
01/04/2014	Supporting staff quarter I (Sri Ratan Kumar – Assistant)					
01/02/2019	Supporting staff quarter II (Sri Santosh Kumar Diwana - Driver)					

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Main Saving A/C	SBI, ADB-3052	Madhepura	11296945385
RF Saving A/C	SBI, ADB-3052	Madhepura	11296931508

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Rai	-	-	-	350000	-
Sunflower	-	-	-	-	-
Linseed	-	-	-	45000	-

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2022
	Kharif	Rabi	Kharif	Rabi	
-	-	-	-	-	-
-	-	-	-	-	-

7.4. Utilization of KVK funds during the year 2022 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	14812989.00	14812989	14809172.00
2	Traveling allowances	108300.00	108300.00	108300.00
3	Contingencies			
A	HRD	6700.00	6700.00	6700.00
B	OE/POL	580000.00	580000.00	580000.00
C	Training	231430.00	231430.00	231430.00
D	FLD	71965.00	71965.00	71965.00
E	OFT	78035.00	78035.00	78035.00
F	Building maintenance	25000.00	25000.00	25000.00
G	Extension Activities	18570.00	18570.00	18570.00
H	SCSCP General	125000.00	125000.00	125000.00
I				
J	Swachhta Expenditure	-	-	-
	TOTAL (A)	16057989.00	16057989	16054172.00
B. Non-Recurring Contingencies				
1	SCSP capital	200000.00	200000	200000.00
2				
3				
4				
	TOTAL (B)	200000.00	200000	200000.00
	C. REVOLVING FUND	-	-	-
	GRAND TOTAL (A+B+C)	16257989.00	16257989	16254172.00

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2021-22	8626891.44	2366133.50	1871263.16	9121761.78
2022-23	9121761.78	2644211.50	1606705.72	10159267.56
2023	10159267.56	2190654.00	968644.00	11407466.00

7.6. (i) Number of SHGs formed by KVKs

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities

(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both
-	-	-	-	-	-

7.8 Revenue generation

Sl.No.	Name of Head	Income (Rs.)	Sponsoring agency
1.	Seed production prog.	1991528.00	
2.	IFS Unit	172600.00	

7.9 Resource Generation

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1	Horticulture Unit			161355.00	
2	Kisan Ghar			91020.00	

8. MISCELLANEOUS INFORMATION**8.1. Prevalent diseases in Crops**

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
Sheath Blight	Paddy	July-Aug	100	30%	Soil Treatment with cake@1q/acre
BLB	Paddy	Aug-Sep	1000	30%	Seed soaking with streptocycle@1.0gm/lit. for 20 min. before sowing
Aphid	Mustard	Dec-Jan	1000	25-35%	Early sowing escape the aphid infestation
Late blight of potato	Potato	Dec- Jan	10000	30-50%	Regular spray of mancozeb@2.5gm/lit. from last Dec at 15 day interval

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)
PPR	Goat		1-2%	Mass	
FMD	Cattle		1-2%	Mass	
Skin lumpy	Cattle		0.2%	Mass	

8.3. Nehru Yuva Kendra (NYK) Training : NA

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

8.4. PPV & FR Sensitization training Programme

Date of vaccination programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration
16.05.2023		25		
21.12.2023		23		

8.5. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	-
2.	No. of farmers registered in the portal	15000
3.	Mobile Apps developed by KVK	0
4.	Name of the App	KVK Portal
5.	Language of the App	English & Hindi
6.	Meant for crop/ livestock/ fishery/ others	Packages of Practices on Crop/Livestock & other is 14
7.	No. of times downloaded	1702 events uploaded on KVK Portal

8.6 Details of KVK Portal

No. of events added by KVK	No. of facilities added by KVK	No. of filled Report on Package of practice				No. of filled Profile Reports							
		Crop	Horticulture	Livestock	Fisheries	Employees	Posts	Finance	Soil Health cards	Appliances	Crops	Resources	Fish
1702	19	06	05	03	00	10	14	06	02	43	21	07	02

8.7 Kisan Mobile Advisory Services/KMAS (m-Kisan Portal/National Farmers Portal/ SMS Portal)

Sl. No.	Discipline	No. of Advisories	No. of Messages (text+ videos)	Total messages	No. of Farmers
1.	Crop	-	-	-	-
2.	Livestock	-	-	-	-
3.	Weather	-	-	-	-
4.	Marketing	-	-	-	-
5.	Awareness	-	-	-	-
6.	Enterprises	-	-	-	-
7.	Others	-	-	-	-
8.	Total	3879	3879	3879	6234

8.5 Kisan Sarathi

Name of KVK	No. of Farmers Registered on Portal
Madhepura	5129

8.6. a. Observation of Swachhta hi Sewa (2nd -31st Oct 2023)

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
02.10.2023	05	12	35	0	47

b. Observation of Swachta Pakhwada (15 Dec -31st Dec 2023)

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
20.12.2023	01	12	20	0	32

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

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

8.7. Details of 'Pre-Rabi Campaign' Programme

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

8.8 . Vikisit Viksit Bharat Sanklap Yatra (LLB and ULB)

Sl.	No of events attended	No. of Gram Panchayat covered	Total no of farmer participated	No of Lecture Delivered on Soil Health/ Natural Farming
1	143	160	42186	143

8.9. Contingent crop planning

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

9. Information on Visit of Ministers to KVKs, if any

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

10. List of other visitors (MP/MLA/DM/VC/Zila Parishad/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit
NA	NA	NA

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

11.1. Details of Cereal Systems Initiative for South Asia (CSISA)

- Year: 2023
- Introduction / General Information:

The following trials have been conducted during Kharif 2023:-

KVK-1: Demonstrating the performance of DSR under dust mulch (pre sowing irrigation or equivalent pre-monsoon rain)

KVK-2: Rice-Wheat system optimization through crop establishment with DSR.

KVK-3: Reducing seed rate in rice through Rice Nursery Enterprise (RNEs)

The following trials have been conducted during Rabi 2023-24:-

KVK-1: Performance of timely sown (TSWVs) and late sown wheat varieties (LSWVs) under different sowing schedules across ecologies.

KVK-2: Assessing the effect of irrigation intensification on productivity of early and late planted wheat under conventional (CT-Broadcast and CT-Line Sowing) and zero tillage (ZT)

KVK-3: Rice-Wheat system optimization through crop establishment with DSR

Trial Name	Area covered	Variety name	Duration	Method of planting	Sowing	Grain Yield	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	BCR
Kharif 2023	60 acre	R.M 16444 GNR 9090 BB 11	130-135	DSR	15.06.2023-30.06.2023	70-80 KG/Kattha	10000.00	120000.00		
Rabi 2022-23	150 acre	HD 2967, HI 1563, DBW 187, 2985	180-185	ZT	15.11.2023-15.12.2023	1 Qt/Kattha	20000.00			

11.2 Details of Tribal Sub Plan (TSP) : NOT APPLICABLE

a. Achievements of physical output under TSP

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer		
b.	Women		
c.	Rural Youths		
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
3)	FLD	No. of FLDs	No. of beneficiaries
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries

5)	Other activities		
a.	Participants in extension activities (No.)		
b.	Production of seed (q)		
c.	Production of Planting material (No. in lakh)		
d.	Production of Livestock strains (No. in lakh)		
e.	Production of fingerlings (No. in lakh)		
f.	Testing of Soil, water, plant, manures samples (Nos.)		
g.	Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)		
h.	No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)		

b. Fund received under TSP in 2023-24 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2023

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

d. Location and Beneficiary Details during 2023

District	Sub-district	No. of Village covered	Name of village(s) covered	ST population benefitted (No.)		
				M	F	T

11.3. Details of Scheduled Caste Sub Plan (SCSP)

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	10	428
b.	Women		
c.	Rural Youths		
d.	Extension Personnel	-	-
2)	OFT	No. of OFTs	No. of beneficiaries
	-	-	-
3)	FLD	No. of FLDs	No. of beneficiaries
	Distribution of Goat(15), 750(chicks),1 Maize Threshing machine, Paddy seed var. S.Sampann(21.14 qt), Wheat seed Var. BHU 21 & 31 (350 kg) & Potato seed K. Bahar(10 qt)	06	403
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
	-	-	-
5)	Other activities		
a.	Participants in extension activities (No.)	-	
b.	Production of seed (q)	-	
c.	Production of Planting material (No. in lakh)	0.35 lakh	
d.	Production of Livestock strains (No. in lakh)	-	
e.	Production of fingerlings (No. in lakh)	-	
f.	Testing of Soil, water, plant, manures samples (Nos.)	-	

[illegible]

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

S.No	No. of blocks allocated	Name of blocks	No. of FPOs registered	Average no of members per FPO	No. of FPO received Management cost	No. of FPO received Equity Grant	No. of FPOs doing business

Number of commodity-based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

S.No	Name of the FPO	Registration No and Date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
1	OUSE FARMERS PRODUCE R COMPANY LTD.	U01100BR-2019 PTC041836 25 TH APRIL 2019	25 TH APRIL 2019 VILLAGE – BAKHARI, SINGHESHWAR (MADHEPURA)	aromatic plants & food grains	Aromatic Oils, Food Grains	412		
2	BABA NIRMAL DAS	2019	2019 Madhepura	Vegetable grower		446		
3	SABRI SUDAMA	2021	2021 Kumarkhand	Mushroom cultivation		255		
4	Murliganj Farmer producer company ltd.	2022	2022 Murliganj, Madhepura	Mango		300		
5	Gamharia Farmer producer company ltd.	2022	2022 Gamharia, Madhepura	Mango		300		
6	Gwalpada farmer producer company	2022	2022 Gwalada, Madhepura	Mango		300		

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

a. Overall achievement

No. of Nutri smart village developed	Total Area covered	Total No of OFT organized	Total No. of FLD organized	No. of training/capacity development programme	Total No. of farmers/ beneficiaries	No of Extension programmes	Total No. of farmers/ beneficiaries
-	-	-	-	-	-	-	-

b. Details of OFT/FLD

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

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

Sl.	Name of Nutri-Smart Village	Type of Nutrition Garden	Number	Area (sqm)	No. of beneficiaries
1.	Sripur	Backyard/Kitchen Garden	35	400	35
2.	-	Community level	-	-	-
3.	-	Terrace Garden	-	-	-
4.	-	Vertical Garden	-	-	-
TOTAL			35	400	35

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

Name of Nutri-Smart Village	Season	Activity (OFT/FLD)	Category of crop (cereal/ pulses/oilseed/ fruits & veg./ others)	Name of Crop	Variety	Area (ha)	No. of beneficiaries
Sripur	Rabi 23	FLD	cereal	Wheat	BHU 31 & 25	3.5	35

e. Details of Value addition in Nutri-Smart village

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

f. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
-	-	-	-

g. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
Sripur	Awareness programme on Nutri Garden Formation of Nutri Garden and distribution of kitchen garden kit & distribution of Vegetable seedling(8000 seedlings)	06	205

h. Details of recipe contest (if applicable)

No of events organised	Name of location/village	No. of participants
1	-	-
2	-	-
3	-	-

11.7 Attracting and Retaining Youth in Agriculture (ARYA) : NOT APPLICABLE

Name of enterprises	No. of entrepreneurial units established	No. of Training programs organized	No. of rural youth trained		No. of youth established units		Total entrepreneurial units formed	Total entrepreneurial units Functional
			Male	Female	Male	Female		

11.8 Out-scaling of Natural Farming “ NOT APPLICABLE”**a. Overall achievements**

S.No	Name of Activity	No. of activities	No. of beneficiaries
1.	Awareness programme		
2.	Training programme		
3.	Demonstrations		

b. Details of Training programmes

S.No	Name of training programme	Date	Location/Venue	No. of beneficiaries

c. Details of Awareness programmes

S.No	Name of Activity	Date	Location/Venue	No. of beneficiaries

e. Details of Demonstrations

S.No	Name of Crop	Location of Demo.	Area of Demo.

11.9 District Agro Meteorological Unit (DAMU) : NOT APPLICABLE

S. No	No. of Block agromet advisories send	No. of advisory bulletin published	No. of Farmers Awareness programmes organized	No. of farmers feedback received	No. of farmers received agromet advisory bulletin	No. of publication

11.10 KSHAMTA : NOT APPLICABLE

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

11.11 Agri-Drone

S.No	Name on the project implementation on center (PIC)	No. of kisan drones sanctioned	No. of kisan drones purchased by the PIC	Procurement of no of drones in process	Area covered under the kisan drone demonstration (ha)	No. of demonstration conducted	No. of Pilot training proposed	No. of Pilot training conducted

11.12 Integrated Farming System (IFS)**a. Details of KVK Demo. Unit**

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
1	Pond	1600 sq m	Rehu & Katla fish	0	35100	20	0.5
2	Dairy	400 sq m	Cow & Calf	63856	78040		
3	Guava	400 sq m	Guava	0	3000		

b. Activities under IFS : NOT APPLICABLE

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

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

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

11.14 Any other programme organized by KVK, not covered above

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants
1	Bihar Diwas	23-24.03.2023	Gandhi Maidan, Patna	To celebrate Bihar Diwas	50
2	Drone Demonstration	27.03.2023	Jayram Parsi, Reshna	Drone spray	150
3	World Environment day	05.06.2023	KVK	World Environment day	84

12 Good quality action photographs with caption in JPEG FORMAT SEPARATELY of overall achievements of KVK during the year (best 10)



Drone demonstration on dt 27.03.23 at Jyrmarsi & Reshna



Parthenium awareness on 16.08.23



Technology week 16-18.07.23



World environment day on 05.06.23



Demo of Passion fruit to farmers



Distribution of Goat under SCSP



International millets conference



Training cum awareness program on Kuposhan



ICAR Foundation day Program



RAWE PRA program
