KRISHI VIGYAN KENDRA

ARIARI, SHEIKHPURA (BIHAR) 811105

ANNUAL PROGRESS REPORT

(January to December2023)

Agricultural Technology Application Research Institute (ATARI), Garbhuchak, Jagdeo Path, Patna

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	
KVK,ARIARI, SHEIKHPURA (BIHAR)-811105	06341-247317	N.A	kvksheikhpura@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- 813210	06412452606	06412452641	deebausabour@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Er. Pramod Kumar Choudhary		7903914728	**kvksheikhpura@gmail.com**

1.4. Year of sanction of KVK with council order No. and date:
1996

1.5. Year of start of KVK: 1996

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

Sl. No.	Sanctioned post	Name of the Incumbent	Designation	Discipline	Pay Scale with Present Basic	Date of joining	Permanent/ probation	Category (SC/ST/ OBC/ Others)
1.	Senior Scientist& Head	Er. Pramod Kumar Chaudhary	Senior Scientist & Head	Agriculture Engineering	143600	22.11.2007	Permanent	SC
2.	Subject Matter Specialist	Navin Kumar Singh	S.M.S	Horticulture	87200	19.11.2007	Permanent	OBC
3.	Subject Matter Specialist	Bidya Shankar Sinha	S.M.S	Animal Science	89800	12.05.2008	Permanent	OBC
4.	Subject Matter Specialist	Dr. D. N. Pandey	S.M.S	Soil Science	95300	12.06.2009	Permanent	UR
5.	Subject Matter Specialist	Sangita Kumari	S.M.S	Home Science	82200	21.06.2009	Permanent	OBC
6.	Subject Matter Specialist	Vacant						
7.	Subject Matter Specialist	Vacant						
8.	Programme Assistant	Vacant						
9.	Computer Programmer	Vacant						
10.	Farm Manager	Choudhary Narendra Prasad	Farm Manger	-	47600	05.11.2012	Permanent	OBC
11.	Accountant / Superintendent	Shailendra Kumar	Assistant	-	43600	08.04.2013	Permanent	OBC
12.	Stenographer	Rajani Prabha singh	Jr. Stenographer	-	33300	01.07.2013	Permanent	OBC
13.	Driver	Rajesh Kumar Jha	Driver	-	27600	28.05.2015	Permanent	UR
14.	Driver	Vacant						
15.	Supporting staff	Vacant						
16.	Supporting staff	Vacant						

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)	Name of infrastructure
1	Under Buildings	1.45	Administrative Building, Kisan Hostel, Quarters -3 Godown etc
2.	Under Demonstration Units	0.05	IFS, Shednet, Polyhouse, Vermi compost etc.
3.	Under Crops	5.0	Seed Production area
4.	Orchard	1.0	Mango and Guava orchard.
6.	Others with details	1.02	Farm Road etc.
	Total	8.52	

Total area should be matched with breakup

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					Completed in 2002	550	Functional need repair	ICAR
2.	Farmers Hostel					√		Functional need repair	ICAR
3.	Staff Quarters (6)					3(1pc +2 assistant quarter has been completed)		Non-functional, Need water and electricity supply and repair	ICAR
4.	Piggery unit	√							
5	Fencing							Partial completed	
6	Rain Water harvesting structure	√							
7	Threshing floor							Functional	
8	Farm godown				√			Functional	Department of agriculture Gov. of Bihar
9.	Dairy unit				√			Non functional	Do
10.	Poultry unit				√			Functional	Gov. of Bihar
11.	Goatry unit				√			Functional	Do
12.	Mushroom Lab	√							
13.	Mushroom production unit					√		Damaged	Internal Sources

14.	Shade house	√							
15.	Soil test Lab	√							ICAR
16	Others, Please Specify								

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Tata Spacio jeep	2006	NA	214582 KM	Tata spacio was transferred from then KVK Khagaria on 22/02/10 and in a position of condemnation
Bolero Plus	2019	7,41,000/-		Working condition
Tractor	1997	2,60,000/-		Working condition
Motorcycle Passion Pro	2015	60,000		Working condition
Motorcycle Passion Pro	2016	60,000		Working condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Kirloskar Pump Set	1998	17,776/-	Good	ICAR
Photo State Machine	2006, 2013	NA	Good	ICAR
Electric Generator	2016		Good	ICAR
Kirloskar Pump Set	1998	17,776/-	Not in use	ICAR
b. Farm machinery				
c. AV Aids				
Video conference System	2014	495611	Not working	Govt. of Bihar
Projector 2	2016	52000	One working	ICAR
Sound System 2	2016	30165	One working	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Zero tillage machine	2011	39,480	Non Functional	RKVY
Multi Crop Thresher	2011	NA	Non Functional	RKVY
Disc Plough 3 disc	2011	NA	Non Functional	RKVY
Disc Harrow	2011	NA	Good	RKVY
Nine tine cultivator	2015	19500	-	-
Thresher	-	-	Not working	-
Fertilizer seed drill	2015	58000	Non Functional	-
Pumpset New Usha	2015	22,000	Working	-
Rotavator	2015	88,500	Damaged	-
Sprayer	2015	5990	-	-
Weighing Machine	2015	11500	-	-
Weighing Machine	2016	-	-	BAU Sabour
Moisture meter	2016	-	-	BAU Sabour
Motor Submersible Pump	2012	10,000	Good	ICAR
Knap Sac Sprayer	2012	-	Good	RKVY
Happy Seeder (2)	2019		Good	Department of agriculture Govt. of Bihar
Multi crop planter	2021		Good	CRA programme , Department of agriculture Govt. of Bihar
Tractor Trolly	2021		Good	
Weeder and Ridger	2021		Good	
Thrasher	2021		Good	
Laser land leveler	2021		Good	
Raised bed planter	2021		Good	
Tractor (New Holland 6500 2 WD turbo super)	2021		Good	
Portable rice- wheat seeder	2021		Good	
Zero till drill	2021		Good	
Reaper	2021		Good	

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	27.07.2023	25	Manpower engaged in different project can also be utilized for KVK mandatory works	Being involved in KVK activities	
			Soil testing facility should be functional and testing of 100 samples should be ensured. Soil samples should also be collected and tested from CRA villages.	In process	
			OFT should be farmers need based and it should be ensured	OFTs are designed as per the farmers need finalized in the OFT workshop	
			In monthly review meeting, the action taken on previous meeting should be discussed and should be submitted in written from all the SMS/Staff	It is being followed	
			Work plan on processing and value addition of onion should be prepared and executed accordingly.	OFT has been conducted for the same.	
			New farmers should be included in training programme and digital database should be maintained	It is being followed	
			Farmers feedback register should be maintained.	Farmers feedback register is maintained.	
			Twelve Joint diagnostic visit with ATMA should be conducted in 2023-24	Joint visit is being organized on regular basis.	
			Equipment under SCSP programme should be provided for commercial use	In process	
			Final recommendation of completed OFT should be taken into FLD programme	It is being followed	
			The Palmyra Palm Sprout flour should be sent to dept of FS and PHT, BAU Sabour for nutritive ingredients evaluation.	In Process	
			Interested farmers of Sheikhpura should be sent to BAU Sabour for training on Strawberry etc.		
			More No. of farmers should be trained on livestock related training. Also Bank officials should be involved in training programme for credit disbursement.	It is being followed	
			Fishery related training programme should be organized with involvement of fishery dept officials.	In process	
			Plantation in the campus should be ensured.	About 150 plants of mango and guava have been planted.	

** 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)

Sl. No.	Items	Information
1	Major Farming system of the district	The cropping system varies depending upon the rainfall, land situation and water. In the Sheikhpura there are many farming situation namely upland, medium low land, medium top land, middle Tal land, bottom Tal land, canal irrigated land, water logged area and Tal land of canal, Major crops grown in the district during Rabi season are wheat, Rabi maize, pulses including gram, lentil, pea and lathyrus, vegetable including Onion, Potato and Oilseeds including rape- seed, mustard and linseed.
2	One district one product (NITI Ayog)	Onion
2	Agro-climatic Zone	IIIA
3	Agro ecological situation	The average rainfall of Sheikhpura district is 1207 mm, the maximum and minimum temperature remains 44^0 C and 22^0 C respectively in summer whereas 27^0 C and 8^0 C respectively in winter. January is the coldest and May is hottest month of the year. The whole area receives 80% of the total rainfall during June to September.
4	Soil type	Alluvial Soil
5	Productivity of major crops of districts	
	Paddy	1199 kg/ha
	Wheat	2200 Kg/Ha
	Pulse	1170 Kg/ha
	Oilseed (Mustard)	600 Kg/ha
	Veg. (Onion)	21950 Kg/ha
	Potato	28510 Kg/ha
	Fruit (Mango)	10477 Kg/ha
	Others, Sugarcane	51920 Kg/ha
	Enterprises	
6	Mean yearly temperature, rainfall, humidity of the district	Av Tmax -38, Av Tmin – 09
7	Production of major livestock products like, etc.	
	Milk	43950 tons
	Egg	17000000
	Meat (Poultry+Goatry)	576.67 tons

Note: Please give recent data only

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops &enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1		Ariyari	Maulanagar Diha Farpur Itahara Belchhi Karki	Paddy/ Onion Paddy Goatry Dairy	1.Non availability of Good quality seed 2.Infestation of crop diseases and Pests 3. Poor body weight gain and disease manifestation 4. Unemployment	1.To produce good quality Seed 2.IPM/IDM 3. Care and Disease management in animals 4. Vocational training in Mushroom Production
2		Barbigha	Kuserhi Kashibigha	Rice, wheat, Dairy	1.Infestation of crop diseases and Pests 2. Imbalance feeding of Animal & Low milk yield	1. IPM 2. To Follow vaccination of goat & other Animals
3		Chewara	Ukasi, Siyani, Karande, Belchhi, Kurmuri,	Rice,Wheat, Gram and Lentil, Goatry Dairy	1.Reduction in yield due to excessive tillage 2.Imbalance use of fertilizer, pesticide, insecticide in major crops Poor body weight gain and disease manifestation	Conservation agriculture through zero tillage technique, IPM, INM, IDM
4		Sheikhpura	Badshahpur Aijhi Deole	Rice, Wheat, Lentil, Onion, Goatry Dairy	1. Imbalance use of fertilizers in Rice and Wheat. 2.Wielt in Lentil 3. Infestation thrips in onion. 4. Poor body weight gain and disease manifestation	INM, Livestock Management IDM
5		Shekhopur Sarai	Sekhopurdih, Nimi, Ambari, Sadikpur, Chhema	Rice , Wheat, Sugar cane, Goatry Dairy	1.Imbalance use of fertilizers in Rice and Wheat and Sugar cane 2. Poor body weight gain and disease manifestation	INM, Livestock Management, GKMS
6		Ghat kusumbha	Dih Kusumbha, Ghat kusumbha, Koyla	Lentil, Gram, Onion, Goatry Dairy	1.Wielt in Lentil 2.Infastation of pod borer in Gram 3 Infestation of thrips in Onion	IPM, Livestock Management

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
1. Karki	Ariari	Training, Farmers meeting, Diagnostic visit, Advisory services, FLD, OFT, CFLD
2. Devpuri	Sheikhpura	Training, Farmers meeting, Diagnostic visit, Advisory services, FLD, OFT, CFLD
3. Husainabad	Ariari	Training, Farmers meeting, Diagnostic visit, Advisory services, FLD, OFT, CFLD
4. Belchhi	Ariari	Training, Farmers meeting, Diagnostic visit, Advisory services, FLD, OFT, CFLD
5.Maulanagar	Ariari	Training, Farmers meeting, Diagnostic visit, Advisory services, FLD, OFT, CFLD
6. Chandi	Ariari	Training, Farmers meeting, Diagnostic visit, Advisory services, FLD, OFT, CFLD
7. Ithara	Ariari	Training, Farmers meeting, Diagnostic visit, Advisory services, FLD, OFT, CFLD
8.Kashibigha	Barbigha	Training, Farmers meeting, Diagnostic visit, Advisory services, FLD, OFT, CFLD
9 Siyani	Chewara	Training, Farmers meeting, Diagnostic visit, Advisory services, FLD, OFT, CFLD, CRA Programme
10.Ukasi	Chewara	Training, Farmers meeting, Diagnostic visit, Advisory services, FLD, OFT, CFLD, CRA Programme
11.Karandey	Chewara	Training, Farmers meeting, Diagnostic visit, Advisory services, FLD, OFT, CFLD, CRA Programme
12. Kurmuri	Chewara	Training, Farmers meeting, Diagnostic visit, Advisory services, FLD, OFT, CFLD, CRA Programme
13. Belchhi	Chewara	Training, Farmers meeting, Diagnostic visit, Advisory services, FLD, OFT, CFLD, CRA Programme

2.1 Priority thrust areas of KVKs

S. No	Thrust areas
1.	Resource conservation and improved production technologies.
2.	Seed Production
3.	IPM and IDM
4.	Scientific Onion Cultivation and Processing
5.	Scientific vegetable production
6.	Mushroom production
7.	INM and soil fertility management
8.	Organic farming through vermi-composting ,green manuring and bio-fertilizer
9.	Livestock production and management for self employment and income
10.	Disease management in animals

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
10	10		7	2	0	0	85	17	92	19	111	14	14	700	163	222	0	0	232	100	395	322	717

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
190	205	5700	1163	1220	0	0	4800	1472	5963	2692	8655	4000	4169	15000	4210	3000	0	0	1182	2462	1539	5462	20854

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
5700	8655	175	146	0	0	720	177	895	323	1218	15000	20854	253	180	0	0	783	148	1036	328	1364

Seed production (q)			Planting material (in Lakh)		
Target (Crop and variety)	Achievement (q)	Sold (q)	Target (crop and variety)	Achievement	Sold (number)
Lentil, IPL 316	18.30	15.00	Cauliflower, var. Sabour Agrim	40000	35900
Linseed, ST1	4.27	2.30	Tomato, Var. Kashi Vishesh	40000	35900
Wheat, HD 2967	2.83	2.42	Brinjal, Var. Rajendra baigan-2	20000	18400
Wheat, HI 1563	2.10	2.00	Brinjal, var. PH-6	20000	17500
Wheat, S. Samridhi	2.80	2.00			
Wheat, S. Shrestha	2.75	2.00			
Chick Pea, RVG202	1.00	1.00			
Paddy, S Harshit	175.0	85.00 (2022 produce sent to DSF)			

Livestock strains (in no's) and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
Poultry, Vanraja egg	2500	500	10
Goatry, Black Bengal	08		

* Give no. only in case of fish fingerlings

3.2ACHIEVEMENTS ON TECHNOLOGIES ASSESSED AND REFINED (OFT)

3.2. 1 Technology Assessed by KVK (Discipline wise)

A	**Technologies assessed under various crops (Cereal Crop Production)**			
	Thematic areas	**Number of the technologies (Technology Interventions)**	**No. of trials**	**No. of Locations**
1	Integrated Nutrient Management	4	28	14
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management			
5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Farm Machineries	2	20	10
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	**6**	**48**	**24**
B	**Technologies assessed under various crops (Hort crops.)**			
	Thematic areas	**Number of the technologies (Technology Interventions)**	**No. of trials**	**No. of Locations**
1	Integrated Nutrient Management			
2	Varietal Evaluation			
3	Integrated Pest Management	2	**20**	**10**

4	Integrated Crop Management	2	**20**	**10**
5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises			
7	Weed Management	2	**14**	**7**
8	Resource Conservation Technology			
9	Post-harvest Technology / Value addition	5	**50**	**20**
10	Others if any specify			
	Total	**11**	**104**	**47**
C	**Technologies assessed under livestock & Fisheries by KVKs**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Disease & Health Management	2	20	20
2	Breeding management/Evaluation of Breeds			
3	Feed and Fodder management	3	30	10
4	Nutrition Management			
5	Production and Management			
6	Processing and Value addition			
7	Fisheries management			
8	Others (waste, ITK etc)			
	Total	**5**	**50**	**30**
D	**Technologies assessed under miscellaneous enterprises by KVKs**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Drudgery reduction			
2	Entrepreneurship Development			
3	Health and nutrition			
4	Processing and value addition			
5	Energy conservation			
6	Small-scale income generation			
7	Storage techniques			
8	Household food security			

9	Organic farming			
10	Agroforestry management			
11	Mechanization			
12	Resource conservation technology			
13	Value Addition			
14	Others			
	Total	**0**	**0**	**0**
E	**Technologies assessed under various enterprises for women empowerment**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Drudgery Reduction			
2	Entrepreneurship Development			
3	Health and Nutrition			
4	Value Addition			
5	Others			
	Total	**0**	**0**	**0**

3.2.2 OFT (All discipline)

OFT-1

Thematic area: Integrated Nutrient Management

Problem definition/Name of OFT: Improvement of Nitrogen use efficacy in Rice

1.	Title of On farm Trial (OFT)	Improvement of Nitrogen use efficacy in Rice
2.	Problem diagnosed	Excessive use of chemical fertilizer and spiraling price of urea leads to increase in cost of cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Low yield of rice due to imbalance/indiscriminate use of urea.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR
5.	Production system and thematic area	Rice-Wheat cropping system and INM
6.	Performance of the Technology with performance indicators	To assess impact of nano urea on soil health, yield and economics of rice .
7.	Final recommendation for micro level situation	Use of technological option 2 : 50% RDN+100% PK+ 2 spray of Nano urea (25-30 day and 60-65 day) @ 4 ml/ liter of water
8.	Constraints identified and feedback for research	High price of urea and cost of cultivation increases.
9.	Process of farmers participation and their reaction	Discussion with farmer during training programme and observation during field visit.

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

Thematic area	**Technology options with detailed treatments**	**Area (ha in crop & Fodder)/ Nos (in livestock)**		**Yield (q/ha)**	**Cost of cultivation(Rs./ha)**	**Gross return (Rs/ha)**	**Net return(Rs./ha)**	**BC ratio**
		Proposed	**Actual**					
INM	Farmers Practice: RDF(N:P:K.-100:40:20)	0.21 ha	0.21 ha	30.6	25029	75945	50946	1:4
	Technology option1: 50% RDN & 100% PK +Nano urea @ 4 ml/litre of water			31.6	24200	78200	53000	1:4
	Technology option2: 50% RDN & 100% PK + 2 spray of Nano urea(25-30 and 60-65 days) @ 4 ml/litre of water			32.7	24960	80900	55850	1:5

Result: The result reveals that technology option 2 had higher yield and profitability above and over on the farmer practice and technology option 1

Please provide all the OFTs in same format Photographs in jpg. (Attach separately also with captions)

OFT-2

- **Thematic area: Integrated Nutrient Management**
- **Problem definition/Name of OFT: Improvement of Nitrogen use efficacy in wheat**

1.	Title of On farm Trial (OFT)	Improvement of Nitrogen use efficacy in wheat
2.	Problem diagnosed	Excessive use of chemical fertilizer and spiraling price of urea leads to increase in cost of cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Low yield of wheat due to imbalance/indiscriminate use of urea.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR
5.	Production system and thematic area	Rice-Wheat cropping system and INM
6.	Performance of the Technology with performance indicators	To assess impact of nano urea on soil health, yield and economics of wheat.
7.	Final recommendation for micro level situation	-
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. Awaited

Thematic area	**Technology options with detailed treatments**	**Area (ha in crop & Fodder)/ Nos (in livestock)**		**Yield (q/ha)**	**Cost of cultivation(Rs. /ha)**	**Gross return (Rs/ha)**	**Net return(Rs./ha)**	**BC ratio**
		Proposed	**Actual**					

- **OFT-3**

- **Thematic area: ICM**
- **Problem definition/Name of OFT: Crop regulation in guava for winter season**

1.	Title of On farm Trial (OFT)	**Crop regulation in guava for winter season**
2.	Problem diagnosed	Low production of guava prevails in Sheikhpura district in winter season.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practices: Harvesting rainy season crop. TO1- Single Spray of 10% Urea in Bloom stage (in month of May) TO2- Pruning of 50% length of current season shoot in April-May.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Farming system research for hill and plateau Region, Plandu , Ranchi
5.	Production system and thematic area	Small production system, Crop regulation
6.	Performance of the Technology with performance indicators	i. Average fruit yield in gram ii. Yield kg/plant iii. T.S.S (Brix)
7.	Final recommendation for micro level situation	Pruning of 50% length of current season shoot in April-May. gives best results in respect of average fruit yield (g) and yield (kg/plant) while in respect of T.S.S was found highest in farmers practices
8.	Constraints identified and feedback for research	Farmers are more interested in taking fruit yield in both season because of demand in the market.
9.	Process of farmers participation and their reaction	Survey, Field visit & training

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

Table- Crop regulation of Guava

Treatments	**Average fruit yield (g)**		**Yield (kg/plant)**			**T.S.S (Brix)**	
	Rainy season	Winter season	Rainy season	Winter season	Total	Rainy season	Winter season
F.P: Harvesting rainy season crop.	81.4	112.8	10.3	12.6	22.9	10.4	10.8
TO1- Single Spray of 10% Urea in Bloom stage (in month of May).	85.2	114.6	5.0	18.9	23.9	10.1	10.3
TO2- Pruning of 50% length of current season shoots in April-May.	90.5	121.2	5.2	26.7	31.9	10.03	10.19

Results shows that To2 is the best in respect of average fruit yield (g) and yield (kg/plant) while in respect of T.S.S was found highest in farmers practices

OFT-4

- **Thematic area: Weed Management**
- **Problem definition/Name of OFT:** Assessment of different weedicides for controlling of weeds in Rabi Onion

1.	Title of On farm Trial	Assessment of different weedicides for controlling of weeds in Rabi Onion
2.	Problem diagnosed	The Onion crops mostly transplanted in Rabi season under irrigated agro ecosystem is Sheikhpura district of Bihar. The crop suffers generally during early period of its growth by heavy infestation of weeds.
3.	Details of technologies selected for assessment/refinement(Mention either Assessed or Refined)	Farmers practices:- TO1- Hand weeding (HW) TO2 Pendimethalin @ 3 ml/litre of water as pre emergence follow by Oxyfluorfen @ 1 ml/Litre within 30-32 days TO 3 Pendimethalin @ 3ml/liter of water as pre emergence followed Imazathaphyr @ 1.2 ml/l of water as post-emergence at 45 DAT
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NHRDF, Patna
5.	Production system and thematic area	Small Production System
6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Survey, field visit and Training.

Table -1

Technology option	No. of trials	Average weight of bulb per plant (g)	Av plant height (cm)		Yield (q/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
TO 1. Farmers practice Hand Weeding (HW)									
Tech.Options.2- Pendimethalin @ 3ml/l of water as pre-emergence followed by Oxyfluorfen @ 1ml/l within 30-32 days									
Tech.Options3- Pendimethalin @ 3ml/l of water as pre-emergence followed by Imazathapyr @ 1.2ml/l of water as post-emergence at 45 DAT									

Result: Awaiting

Table -2 Number of weeds/sqm

Replications	TO1	TO2	TO3
R 1			
R 2			
R 3			
R 4			
R 5			
R 6			
R 7			
Mean			

Result: Awaiting

OFT-5

Thematic area: IPM in Vegetable

Problem definition/Name of OFT: Management of nematode in chilli crops

1.	Title of On farm Trial (OFT)	Management of nematode in chilli crops
2.	Problem diagnosed	
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practices:- No Chemical use for nematodes TO1- Soil solarization with Polythene (40 lim) white sheet for two weeks. Soil treatment :- Pseudomonas fluorescens @ 20 gm/m2 + Trichoderma viride @ 50 gm/m2 Seed treatment:- Pseudomonas fluorescenes @ 10 gm/m2 + Trichoderma viride @ 10 gm/ m2 To2- Fluensulfone (Nimitiz) 2 G @2.5 gm/m2 or Carbofuron 3 G @ 3.6 gm/m2
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OFT finalization workshop 29-30 sep, 2022
5.	Production system and thematic area	Small production system/ IPM
6.	Performance of the Technology with performance indicators	A. Plant Height B. Average No. of Galls per root. C. Careen fruit yield per plant(gm),D. yield q/ha, B:C Ratio
7.	Final recommendation for micro level situation	Technology option-1 is best for application of the farmers.
8.	Constraints identified and feedback for research	Aware the farmers about the nematodes and check their losses.
9.	Process of farmers participation and their reaction	PRA, group discussion and training, chaupal etc.

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

Technology options with detailed treatments	No. of trial	Plant Height(Cm)	Average no. of balls per root	Green fruit yield per plant(gm)	Yield (q/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs/ha)	Net return(Rs./ha)	BC ratio
Farmer Practice	10	28.5	108	172	75	84000	225000	141000	2.7
TO1- Soil solarization with Polythene (40 lim) white sheet for two weeks. Soil treatment :- Pseudomonas fluorescens @ 20 gm/m2 + Trichoderma viride @ 50 gm/m2 Seed treatment:- Pseudomonas fluorescenes @ 10 gm/m2 + Trichoderma viride @ 10 gm/ m2	10	65.2	20	252.2	86	88000	258000	170000	2.9
To2- Fluensulfone (Nimitiz) 2 G @2.5 gm/m2 or Carbofuron 3 G @ 3.6 gm/m2	10	58.4	26	198.4	80	87000	240000	153000	2.8

Result:- Technology option-1 give best result in all respect like height, yield per plant and yield q/ha .

OFT-6

Thematic area: Value addition

Problem definition/Name of OFT: Lack of value addition of onion leads to low shelf life and rottening in season.

1.	Title of On farm Trial	Assessment of different preservative to make onion paste.
2.	Problem diagnosed	Lack of value addition in onion beads to low shelf life of onion leads to rottening in season.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice:- Local people keep onion as such on storage shelf TO-1 Preparation of Onion paste using Citric acid and KMS as preservative Formulation-Ingredients –Sliced Onion(3-5 mm)-1.0 Kg, Citric acid-5gm,KMS-1.2 gm TO-2 Preparation of Onion Paste using glacial acetic acid as preservative Formulation-Ingredients- Sliced Onion (3-5 mm)-1.0 Kg, glacial acetic acid-10 ml
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	J. of Progressive agriculture(30(2):219-226 August 2019
5.	Production system and thematic area	Value addition
6.	Performance of the Technology with performance indicators	Sensory analysis (Taste, Colour, Flavour, Texture, and overall acceptability) , Shelf life(0,30,60 and 90 days at Ambient condition on Five point hedonic scale
7.	Final recommendation for micro level situation	TO1 can be recommended for preservation of onion paste as its sensory qualities are good.
8.	Constraints identified and feedback for research	Unavailability of chemical preservative in local market.
9.	Process of farmers participation and their reaction	Participatory approach of farmers participation and farmers are very enthusiastic about this technology.

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

TO	No. of Trials	Shelf life (Month)	Sensory Evaluation at 0-5 scale					Yield/quintal	Cost of Production (Rs/q)	Gross return	Net return	B:C Ratio
			color	flavour	texture	taste	O.A					
FP	10	0 days	5	5	5	5	5	100 Kg	550	850	300	1.6
		30 days	5	5	5	5	5	95 Kg				
		60 days	4.8	4.5	4.5	4.0	4.8	90 Kg				
		90 days	4.5	4.5	4.0	3.5	4.5	88 Kg				
		120 days	4.0	4.2	4.5	3.5	3.8	70 Kg				
TO1	10	0 days	5	5	4.9	5	5	48 Kg	1250	5810	4560	4.96
		30 days	5	5	4.9	5	4.9	48 Kg				
		60 days	5	5	4.8	5	4.9	48 Kg				
		90 days	4.9	4.8	4.8	4.9	4.9	48 Kg				
		120 days	4.8	4.5	4.6	4.8	4.7	48 Kg				
TO2	10	0 days	4.9	4.9	4.8	5	4.9	48 Kg	1200	5780	4580	4.88
		30 days	4.9	4.9	4.8	5	4.9	48 Kg				
		60 days	4.5	4.5	4.6	4.5	4.6	48 Kg				
		90 days	4.5	4.5	4.6	4.5	4.6	48 Kg				
		120 days	4.3	4.2	4.0	4.2	4.2	48 Kg				

Result : The taste and flavor of TO1is better than TO2 with no significant difference. The onion paste making can be adopted by farmers as their source of income and also to reduce the wastage of onion during storage.

OFT-7

Thematic area: Value addition

Problem definition/Name of OFT: Lack of value addition knowledge of Palmyra palm sprout makes it perishable.

1.	Title of On farm Trial	Assessment of different methods for palm sprouts flour making
2.	Problem diagnosed	Lack of knowledge regarding value addition of Palm sprouts
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice:- Local people use palmyra palm sprouts by boiling in limited amount. TO-1 Preparation of Palmyra palm sprouts flour by boiling for 30 minutes and then cutting in small pieces. (1 cm) and drying of palmyra palm sprouts. TO-2 Preparation of Palmyra palm sprouts flour by boiling for 30 minutes and then grating on grater and drying of palmyra palm sprouts.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TNAU, Coimbatore
5.	Production system and thematic area	Value addition
6.	Performance of the Technology with performance indicators	Sensory analysis (Taste, colour, Flavour, Texture, and overall acceptability) , Shelf life(0,15,30,45,60,75 days) at ambient condition, B;C ratio.
7.	Final recommendation for micro level situation	TO2 is better option in regard to quality of product.
8.	Constraints identified and feedback for research	None.
9.	Process of farmers participation and their reaction	Participatory approach of farmers participation and farmers are very enthusiastic about this technology.

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

TO	No. of Trials	Shelf life (days)	Sensory evaluation at 0-5 scale					Yield (gm/kg)	Cost of Production	Gross Return(Rs)	Net return	BC ratio
			T	C	F	T	OA					
F.P	10	0	5.0	5.0	5.0	5.0	5.0	900	Rs.10/Kg	50	40	5
		30	0	0	0	0	0					
TO1	10	0	5.0	5.0	5.0	5.0	5.0	130	Rs. 50/Kg	500	450	10
		30	4.8	4.4	4.9	4.6	4.6					
		60	4.7	4.6	4.8	4.7	4.7					
		90	4.7	4.4	4.7	4.8	4.6					
TO2	10	0	5.0	5.0	5.0	5.0	5.0	129.5	Rs. 70/Kg	700	630	10
		30	4.9	4.9	4.8	4.9	4.9					
		60	4.9	4.9	4.8	4.8	4.8					
		90	4.9	4.9	4.7	4.8	4.8					

Result: The sensory quality of TO2 is better than TO1with no significant difference. The Palmyra palm sprout flour making can be adopted by farmers as their source of income and also to reduce the wastage of palmyra palm sprouts during season.


POCO
SHOT ON POCO M2 PRO


POCO


POCO
SHOT ON POCO M2 PRO


POCO

OFT-8

- **Thematic area:** Disease Management in Goat.

Problem definition/Name of OFT: Assessment of astringent efficacy of shisham leaves for management of diarrhea in goats.

1.	Title of On farm Trial (OFT)	Assessment of astringent efficacy of shisham leaves for management of diarrhea in goats.
2.	Problem diagnosed	Diarrhea in goat is a serious setback of goatry, it causes severe economic losses to goat farmers
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice:- Use of anti diarrhea powder TO-1 Use of Shisham leaves paste @10g/day orally for 5 days TO-2 Use of rice gruel 100ml twice daily orally
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	PGI of Vet. & Animal Sc. Akola, Maharashtra
5.	Production system and thematic area	Semi-intensive system of rearing ,Disease Management
6.	Performance of the Technology with performance indicators	Astringent efficacy of shisham leaves for management of diarrhea in goats showed best result.
7.	Final recommendation for micro level situation	shisham leaves for management of diarrhea in goats showed best result with highest body weight gain percentage(9.8%) and highest BC ratio(26.6)
8.	Constraints identified and feedback for research	Tannin estimation in shisham leaves.

9.	Process of farmers participation and their reaction	Farmers were actively participated in whole process

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

Table-1 Shisham leaves analysis report (% on dry matter basis)

Parameters	Shisham Leaves
Moisture(%)	70.40
Crude Protein(%)	17.26
Ether extract(%)	3.20
Crude Fiber(%)	24.20
Total Ash(%)	7.90
Acid insoluble Ash(%)	2.10

Table-2 Clinical Sore Point

Clinical Sore	Faecal Consistency	Dehydration Score
0	Normal (Faeces is well formed)	Normal (Skin Pliable)
1	Pasty Faeces	Mild dehydration, slight loss of skin elasticity, skin tents <3 second
2	Semi liquid faeces still with a solid component	Moderate dehydration, skin tents > 3 second but < 10 second.
3	Watery faeces	Severe dehydration, Skin tents >10 Second

Table-3 Clinical Score and recovery rate

Parameters	Day 0			Day 3			Day 7		
	FP	TO1	TO2	FP	TO1	TO2	FP	TO1	TO2
FCS(0-3)	2.8	2.7	2.6	1.7	0.9	0.8	0.6	0	0.2
Dehydration Score(0-3)	2.2	2.3	2.3	0.9	0.5	0.7	0.2	0	0.2
Recovery rate (%)	0	0	0	80	90	80	80	90	80

Table-4 Response on body weight gain in goat

Management Practices	No. of animals	Average body weight on 0 day of treatment	Average body weight on 3rd day of treatment	Average body weight on 7th day of treatment	Body weight gain %	Cost of treatment	Gross return	Net return	BC ratio
FP(Use of antidiarrhoeal powder)	10	10.4	10.7	11.3	8.6	44	360	316	8.1
TO1 (Use of shisham leaves paste@ 10 gm/day orally for 5 days)	10	10.2	10.7	11.2	9.8	15	400	385	26.6
TO2(Use of rice gruel 100 ml twice daily orally)	10	10.6	11.0	11.4	7.5	14	320	306	22.8

Result indicates that TO1 showed highest body weight gain percentage (9.8%) with highest BC ratio (26.6)

OFT-9

Thematic area: Feed Management

Problem definition/Name of OFT: Assessment **of feeding of different fodder in reduction of milk production cost in dairy cow**.

1.	Title of On farm Trial (OFT)	Assessment of feeding of different fodder in reduction of milk production cost in dairy cow.
2.	Problem diagnosed	Low production of Dairy cow due to lack of nutrient supplement and high production cost of milk due to more use of concentrate rather than green fodder
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer's Practice: -Use of dry fodder and concentrate TO1:- FP+ 15 Kg Berseem fodder replacing 2.5 Kg of concentrate for 30 days. TO2:- FP+ 15 Kg Makkhan grass fodder replacing 2.5 Kg of concentrate for 30 days. TO3:- FP+ 15 Kg Field Pea foliage replacing 2.5 Kg of concentrate for 30 days.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BASU, Patna
5.	Production system and thematic area	Feed management in animals
6.	Performance of the Technology with performance indicators	TO3 (FP+ 15 kg. Field Pea Foliage replacing 2.5 kg of concern.) shows the maximum net return of Rs.256/day/cow and highest BC ratio 2.64.
7.	Final recommendation for micro level situation	Field pea foliage is best alternative of fodder for reduction of milk production cost.

8.	Constraints identified and feedback for research	Field pea foliage nutrient determination
9.	Process of farmers participation and their reaction	Farmers were actively participated in whole process

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

Table:- Response of different fodders on milk production in dairy cow.

Thematic area	**Technology options with detailed treatments**	**No. of replication**	**Average Milk Yield/day/cow (Liter)**	**Cost of cultivation(Rs)**	**Gross return (Rs.)**	**Net return(Rs.)**	**BC ratio**
Feed Management	FP (Use of dry fodder and Concentrate)	10	7.76	147	310.4	163.4	2.11
	TO1 (FP+ 15 kg. Berseem fodder replacing 2.5 kg of concentrate)		10.08	171	403.2	232.2	2.36
	TO2 (FP+ 15 kg. Makhan Grass fodder replacing 2.5 kg of concentrate)		10.62	177	424.8	247.8	2.40
	TO3 (FP+ 15 kg. Field Pea Foliage replacing 2.5 kg of		10.30	156	412	256	2.64

	concern.)						

Please provide all the OFTs in same format Photographs in jpg. (Attach separately also with captions)
Result: Farmers practice of feeding with 15 kg field pea foliage replacing 2.5 kg of concentrate shows the maximum net return of Rs.256/day/cow and highest BC ratio 2.64.

OFT 10

- **Thematic area: Farm Implements and Machinery**
- **Problem definition/Name of OFT:** Assessment of Happy seeder for Wheat sowing under crop residue management

1.	Title of On farm Trial (OFT)	Assessment of Happy seeder for Wheat sowing under crop residue management.
2.	Problem diagnosed	Low yield, high moisture content, weed growth etc.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice: Broadcasting (in field condition). TO1- Sowing of wheat by Happy seeder incorporating the crop residue To2- Removal of crop residue and sowing by Zero Till drill.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CIAE, Bhopal
5.	Production system and thematic area	Rice- Wheat, FIM
6.	Performance of the Technology with performance indicators	Field Capacity, Yield, Cost of Production, BC ratio etc.
7.	Final recommendation for micro level situation	As far as crop residue is concern, Happy seeder perform well as it incorporates 31.5 qt/ha of residue.
8.	Constraints identified and feedback for research	High weight of Happy seeder creates difficulty in operation because of loose soil and high moisture content.
9.	Process of farmers participation and their reaction	Discussion with farmers, training programme & observations during field visits.

B. Results with Table and good quality photographs in jpg.
Thematic area: Farm machinery and implements
Problem definition: Low yield of wheat due to water logging and weed growth
Technology assessed: Different wheat sowing technology like Happy seeder and Zero tillage were assessed

Parameters	Unit	Farmer Practice	Technology Option 1	Technology Option 2
Operational time	Hrs/ha	6.25	4.75	3.75
Fuel consumption	l/ha	29.68	23.75	18.75
Plant height (30 days)	Cm			
Plant height (60 days)	Cm		**Crop Standing**	
Grain yield	kg/ha			
Cost of production	Rs/ha			
B:C ratio				

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield (q/ha)	Cost of cultivation(Rs. /ha)	Gross return (Rs/ha)	Net return(Rs./ha)	BC ratio
		Proposed	Actual					

Please provide all the OFTs in same format Photographs in jpg. (Attach separately also with captions)

3.3 ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS(FLD)

A. Overall achievements of FLDs conducted during the year 2023

S.No	Crop category	No. of FLD	Area	No of beneficiaries	Yield in Demo (q/ha)	Yield in check (q/ha)
	Cereals					
	Paddy, IPM	50	20	50	52	42
	Paddy, IDM	25	10	25	50	42
	Horticulture Crops					
	Vegetables (Nutrigarden)	100	1.25	100	16.0	6.00
	Tomato	359	0.97	359	385.5	275.0
	Brinjal	359	1.61	359	290.60	215.75
	Brinjal	54	0.364	54	392.0	218.70
	Cauliflower	359	0.726	359	225.6	190.4
	Onion	24	8	24	320	275
	Livestock					

	Cow Disease Management	25	-	25	2660	2280
	Other enterprises					
	Mushroom Oyester	20	-	20	1.2 kg/kg of straw	NA
	Women empowerment					
	Farm Machinery					
	Grand Total					

B. Details of FLDs conducted during the year 2023

1. Cereals

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Paddy	IPM	Pheromone trap against stem borer of paddy	50	20	52	42	23.8	32000	106080	74080	3.3	30000	85680	55630	2.9
Paddy	IDM	Thifluzamide against sheath blight	25	10	50	42	19.0	34000	102000	68000	3.0	31000	85680	54680	2.8
Total			75	30	102										

2. 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

3. Pulses

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

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

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Vegetables (Nutrigarden)	HHFS	Vegetable seed kit	100	1.25	16.0	6.00	166.6	55000	160000	105000	2.91	55000	104000	49000	1.89
Tomato	Vegetable Production	Tomato (Kashi Vishesh) seedling	359	0.97	385.5	275.0	40.18	132500	462600	330100	3.49	130500	330000	199500	2.59

Brinjal	Vegetable Production	Brinjal (RB-2) seedling	359	1.61	290.60	215.75	34.69	126000	406840	280840	3.22	126000	302050	476050	2.40
Brinjal	Vegetable Production	Brinjal (PH-06)) seedling	54	0.364	392.0	218.70	79.24	128500	588000	459500	4.57	126000	306180	180180	2.43
Cauliflower	Vegetable Production	Cauliflower (Sabour-Agrim) Seedling	359	0.726	225.6	190.4	18.48	129600	451200	321600	3.48	129600	380800	251200	2.93
Onion	IPM & IDM	Tebuconazole & Imidacloprid	24	8	320	275	16.4	110000	320000	21000	2.9	98000	275000	177000	2.8
	Total		1255	12.92											

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

5. Other crops

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

6. Demonstration details on crop hybrid varieties

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals										
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total Cereals										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total Oilseeds										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl. specify)										
Total Pulses										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal	PH - 6	54	0.364	392.0	218.70	79.24	128500	588000	459500	4.57
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										

Total Veg. Crops										
Commercial Crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total Commercial Crops										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total Fodder Crops										

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

7. Livestock

Category	**Thematic area**	**Name of the technology demonstrated**	**No. of Farmer**	**No. of units**	**Major parameters Milk Yield (Litre /Lactation)**		**% 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																	
Cow	Disease management	Management of involution of uterus in cow by use of herbal drug + Calcium Supplementation each @100ml/cow/day for 10 days	25	25	2660	2280	16.67	-	-	46520	111720	65200	2.40	46000	95760	49760	2.08
Buffalo																	
Poultry																	
Rabbitry																	
Piggery																	

Sheep and goat	Feed Management	Use of Dewormer and Nutritional supplements for better body weight gain in goats	25	25(100 goats)	Result Awaited												
Duckery																	
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

8. Fisheries

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

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

** BCR= GROSS RETURN/GROSS COST

9. Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters(Yield(kg)/Kg straw		% 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	20	20	1.2	-				30	120	90	4.0	-	-	-	-
Button mushroom	Enterprise development	20	20	Awaited												
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

10. 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	100	Establishment of nutri garden	6 qt/ha	16 qt/ha	100
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			

11. Farm implements and machinery

Category	**No. of FLDs**	**Name of the implement**	**Crop**	**No. of Farmer**	**Area (ha)**	**Filed observation (output/man hour)**		**% change in major parameter**	**Labor reduction (man days)**	**Cost reduction (Rs./ha or Rs./Unit)**
						Demonstration	**Check**			
Sowing and planting tools and machineries										
Total Sowing and planting Machineries										
Intercultural operation tools and machineries										
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	08/11/23, 09/11/23, 10/11/2023, 13/11/2023, 14/11/2023,	5	488	
2.	Farmers Training	13/12/2023, 18/12/2023	2	52	
3.	Media coverage	29/11/2023.	4	-	
4.	Training for extension functionaries				

Technical Feedback on the demonstrated technologies (if any)

Sl. No	Crop	Feed Back
1.	Nutri garden	This is very good concept of getting round the year fruit and vegetables
2	Mushroom	Its very good technology of getting fresh and nutritious vegetables even without land
3	Cauliflower	Sabour agrim Variety of cauliflower has performed well in early season crop. fruits are attractive and has

		market demand
4	Tomato	Tomato variety kashi vishesh has very good colour, size, shape and taste. It has high demand in the market
	Brinjal	Brinjal Variety Rajendra Baigan 2 has good taste and it has soft seeds and also good yield
	Brinjal	Brinjal Variety PH6 is round in shape, attractive colour, and also it has good taste.

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	Green gram	Local	7.2	115	207	16.4	IPM 2-3	50	20	10.9	8.7	9.80	15.97	28.75	127.7
2	Lentil IPL-316	Titki mithki					IPL-316	50	20	Crop Standing					

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	Green gram (IPM2-3)	17800	50400	32600	2.83	18500	68600	50100	3.70

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	Green gram IPM2-3	980	690	105	85	100	Purchase of new implements, education manage, purchase of inputs	36

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	Green gram (IPM2-3)	Yes	KVK,DAO Office	Affordable	No	Yes	Variety should be synchronomous in harvesting. Flowering *Pod borer resistant

C. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Tolerance to YVM virus	Profuse flowering and fruiting suitable for one time harvesting	Better yield with resistant to local variety	Very good variety for the soil and climate condition of Sheikhpura

D. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Field visit for site selection	Dhari 16.03.23 Baru,18.03.23	26,21
2	Seed distribution under training	At KVK 12.03.23 & 13.04.23	22,28
3.			

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

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**	**Budget Received (Rs.)**	**Budget Utilization (Rs.)**	**Balance (Rs.)**
Lentil	i) Critical input Seed	0	88000	
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field Day)			
	iv)Publication of literature			
	Total			

3.4 ACHIEVEMENTS ON TRAINING /CAPACITY BUILDING PROGRAMMES

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

A. Farmers and farm women including the sponsored training programme(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
I. Crop Production													
Weed Management	1	41	0	41	0	1	1	0	0	0	41	1	42
Resource Conservation Technologies	1	32	3	35	4	1	5	0	0	0	36	4	40
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management	1	0	0	0	12	7	19	0	0	0	12	7	19
Integrated Crop Management	4	108	15	123	37	19	56	0	0	0	145	34	179
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)	2	46	0	46	4	0	4	0	0	0	50	0	50
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	24	0	24	0	0	0	0	0	0	24	0	24
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables	2	59	12	71	0	0	0	0	0	0	59	12	71
Nursery raising	3	71	18	89	12	4	16	0	0	0	83	22	105
Export potential vegetables	1	32	8	40	6	3	9	0	0	0	38	11	49
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)	1	5	4	9	20	5	25	0	0	0	25	9	34
Others, if any (Cultivation of Vegetable)	1	13	12	25	0	0	0	0	0	0	13	12	25
Training and pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards	1	40	5	45	0	0	0	0	0	0	40	5	45
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	1	7	9	16	9	2	11	0	0	0	16	11	27
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management													

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
technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology	1	30	7	37	2	0	2	0	0	0	32	7	39
Processing and value addition													
Others, if any	1	25	1	26	3	0	3	0	0	0	28	1	29
f) Spices													
Production and Management technology	1	16	6	22	1	0	1	0	0	0	17	6	23
Processing and value addition	1	26	10	36	10	8	18	0	0	0	36	18	54
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post-harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management	1	34	8	42	3	1	4	0	0	0	37	9	46
Soil and Water Conservation													
Integrated Nutrient Management	4	124	0	124	26	0	26	0	0	0	150	0	150
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any	1	35	0	35	7	0	7	0	0	0	42	0	42
IV. Livestock Production and Management													
Dairy Management	1	15	0	15	10	1	11	0	0	0	25	1	26
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming	1	6	1	7	18	2	20	0	0	0	24	3	27
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	4	40	8	48	2	14	16	0	0	0	42	22	64
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development	3	12	50	62	0	5	5	0	0	0	12	55	67
Value addition	3	46	36	82	79	57	136	0	0	0	125	93	218

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any	2	12	0	12	0	65	65	0	0	0	12	65	77
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management	2	48	0	48	5	0	5	0	0	0	53	0	53
Integrated Disease Management	1	28	0	28	2	0	2	0	0	0	30	0	30
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													

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 Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	47	975	213	1188	272	195	467	0	0	0	1247	408	1655

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	2	0	36	36	0	31	31	0	0	0	0	67	67
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs	1	25	3	28	2	0	2	0	0	0	27	3	30
Integrated Farming													
Planting material production													
Vermi-culture	1	26	2	28	1	1	2	0	0	0	27	3	30
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing	3	45	15	60	17	27	44	0	0	0	62	42	104
Quail farming													
Piggery													
Rabbit farming													
Poultry production	2	39	2	41	4	0	4	0	0	0	43	2	45

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													
Enterprise development	2	0	0	0	0	45	45	0	0	0	0	45	45
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL	11	135	58	193	24	104	128	0	0	0	159	162	321

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	19	15	24	3	6	9	0	0	0	22	21	43
Value addition													
Integrated Pest Management	1	27	0	27	2	0	2	0	0	0	29	0	29
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals	1	12	3	15	0	0	0	0	0	0	12	3	15
Livestock feed and fodder production													
Household food security	3	0	69	69	0	5	5	0	0	0	0	74	74
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
TOTAL	6	58	87	135	5	11	16	0	0	0	63	98	161

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	1	45	10	55	15	8	23	0	0	0	60	18	78
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	18	0	18	3	1	4	0	0	0	21	1	22
Water management													
Enterprise development													
Skill development													
Yield increment	3	95	50	145	20	30	50	0	0	0	115	80	195
Production of low volume and high value crops													
Off-season vegetables	2	45	3	48	4	3	7	0	0	0	30	0	30
Nursery raising	2	44	1	45	2	0	2	0	0	0	46	1	47
Export potential vegetables													
Grading and standardization	1	19	0	19	2	0	2	0	0	0	21	0	21
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	6	293	41	334	58	103	161	0	0	0	351	144	495
Training and pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards	3	48	3	51	14	3	17	0	0	0	62	6	68
Rejuvenation of old orchards													
Export potential fruits	1	17	0	17	4	0	4	0	0	0	21	0	21
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													

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
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology	1	16	9	25	5	2	7	0	0	0	21	7	28
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology	1	16	9	25	5	2	7	0	0	0	21	11	32
Post-harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation	3	120	18	138	27	12	39	0	0	0	147	30	177
Integrated Nutrient Management	10	214	21	235	52	52	104	0	0	0	266	73	339
Production and use of organic inputs	2	4	47	51	7	69	76	0	0	0	11	116	127
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management	12	330	63	393	50	15	65	0	0	0	380	78	458
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management	11	158	18	176	50	32	82	0	0	0	208	50	258
Feed management	3	48	11	59	10	0	10	0	0	0	58	11	69
Production of quality animal products													
Others, if any Goat farming	4	129	9	138	62	26	88	0	0	0	191	35	226
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	7	59	146	205	17	80	97	0	0	0	76	226	302
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	7	197	159	356	80	121	201	0	0	0	277	280	557
Minimization of nutrient loss in processing	1	152	23	175	13	12	25	0	0	0	165	35	200

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
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development	3	140	210	350	15	73	88	0	0	0	155	283	438
Value addition	2	54	5	59	15	2	17	0	0	0	69	7	76
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any	1	0	15	15	0	0	0	0	0	0	0	15	15
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	1	26	0	26	0	0	0	0	0	0	26	0	26
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements	4	59	34	93	15	6	21	0	0	0	74	40	114
Small scale processing and value addition													
Post-Harvest Technology	2	35	5	40	11	0	11	0	0	0	46	5	51
Others, if any													
VII. Plant Protection													
Integrated Pest Management	22	674	123	797	181	118	299	0	0	0	855	241	1096
Integrated Disease Management	6	106	3	109	21	2	23	0	0	0	127	5	132
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	123	3161	1036	4197	758	772	1530	0	0	0	3900	1798	5698

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping	2	3	0	3	42	24	66	0	0	0	45	24	69
Integrated farming													
Seed production													
Production of organic inputs	1	24	0	24	1	0	1	0	0	0	25	0	25
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													

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
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying	3	74	35	109	12	7	19	0	0	0	86	42	128
Sheep and goat rearing	1	0	0	0	0	100	100	0	0	0	0	100	100
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets	3	73	0	73	7	0	7	0	0	0	80	0	80
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL	10	174	35	209	62	131	193	0	0	0	236	166	402

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management	3	96	6	102	18	2	20	0	0	0	114	8	122
Integrated Nutrient management	1	20	0	20	0	0	0	0	0	0	20	0	20
Rejuvenation of old orchards													
Protected cultivation technology	1	87	5	92	8	0	8	0	0	0	95	5	100
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													

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
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals	1	48	6	54	8	2	10	0	0	0	56	8	64
Livestock feed and fodder production	1	46	8	54	8	1	9	0	0	0	54	9	63
Household food security	1	0	18	18	0	2	2	0	0	0	0	20	20
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL	8	297	43	340	42	7	49	0	0	0	339	50	389

(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	1	41	0	41	0	1	1	0	0	0	41	1	42
Resource Conservation Technologies	1	32	3	35	4	1	5	0	0	0	36	4	40
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management	1	0	0	0	12	7	19	0	0	0	12	7	19
Integrated Crop Management	5	153	25	178	52	27	79	0	0	0	205	52	257
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)	2	46	0	46	4	0	4	0	0	0	50	0	50
TOTAL	10	272	28	300	72	36	108	0	0	0	344	64	408
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	2	42	0	42	3	1	4	0	0	0	45	1	46
Water management													
Enterprise development													
Skill development													
Yield increment	3	95	50	145	20	30	50	0	0	0	115	80	195
Production of low volume and high value crops													
Off-season vegetables	4	104	15	119	4	3	7	0	0	0	89	12	101
Nursery raising	5	115	19	134	14	4	18	0	0	0	129	23	152
Exotic vegetables like Broccoli													

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
Export potential vegetables	1	32	8	40	6	3	9	0	0	0	38	11	49
Grading and standardization	1	19	0	19	2	0	2	0	0	0	21	0	21
Protective cultivation (Green Houses, Shade Net etc.)	1	5	4	9	20	5	25	0	0	0	25	9	34
Others, if any (Cultivation of Vegetable)	7	306	53	359	58	103	161	0	0	0	364	156	520
TOTAL	24	718	149	867	127	149	276	0	0	0	826	292	1118
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards	4	88	8	96	14	3	17	0	0	0	102	11	113
Rejuvenation of old orchards													
Export potential fruits	1	17	0	17	4	0	4	0	0	0	21	0	21
Micro irrigation systems of orchards													
Plant propagation techniques	1	7	9	16	9	2	11	0	0	0	16	11	27
Others, if any(INM)													
TOTAL	6	112	17	129	27	5	32	0	0	0	139	22	161
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology	2	46	16	62	7	2	9	0	0	0	53	14	67
Processing and value addition													
Others, if any	1	25	1	26	3	0	3	0	0	0	28	1	29
TOTAL	3	71	17	88	10	2	12	0	0	0	81	15	96
f) Spices													
Production and Management technology	1	16	6	22	1	0	1	0	0	0	17	6	23
Processing and value addition	1	26	10	36	10	8	18	0	0	0	36	18	54
Others, if any													
TOTAL	2	42	16	58	11	8	19	0	0	0	53	24	77
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology	1	16	9	25	5	2	7	0	0	0	21	11	32
Post harvest technology and value addition													
Others, if any													
TOTAL	1	16	9	25	5	2	7	0	0	0	21	11	32

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
III. Soil Health and Fertility Management													
Soil fertility management	1	34	8	42	3	1	4	0	0	0	37	9	46
Soil and Water Conservation	3	120	18	138	27	12	39	0	0	0	147	30	177
Integrated Nutrient Management	14	338	21	359	78	52	130	0	0	0	416	73	489
Production and use of organic inputs	2	4	47	51	7	69	76	0	0	0	11	116	127
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any	1	35	0	35	7	0	7	0	0	0	42	0	42
TOTAL	21	531	94	625	122	134	256	0	0	0	653	228	881
IV. Livestock Production and Management													
Dairy Management	13	345	63	408	60	16	76	0	0	0	405	79	484
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management	11	158	18	176	50	32	82	0	0	0	208	50	258
Feed management	3	48	11	59	10	0	10	0	0	0	58	11	69
Production of quality animal products													
Others, if any (Goat farming)	5	135	10	145	80	28	108	0	0	0	215	38	253
TOTAL	32	686	102	788	200	76	276	0	0	0	886	178	1064
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	11	99	154	253	19	94	113	0	0	0	118	248	366
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	7	197	159	356	80	121	201	0	0	0	277	280	557
Minimization of nutrient loss in processing	1	152	23	175	13	12	25	0	0	0	165	35	200
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development	6	152	260	412	15	78	93	0	0	0	167	338	505
Value addition	5	100	41	141	94	59	153	0	0	0	194	100	294
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any	3	12	15	27	0	65	65	0	0	0	12	80	92

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	33	712	652	1364	221	429	650	0	0	0	933	1081	2014
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	1	26	0	26	0	0	0	0	0	0	26	0	26
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements	4	59	34	93	15	6	21	0	0	0	74	40	114
Small scale processing and value addition													
Post-Harvest Technology	2	35	5	40	11	0	11	0	0	0	46	5	51
Others, if any													
TOTAL	7	120	39	159	26	6	32	0	0	0	146	45	191
VII. Plant Protection													
Integrated Pest Management	24	722	123	845	186	118	304	0	0	0	908	241	1149
Integrated Disease Management	7	134	3	137	23	2	25	0	0	0	157	5	162
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL	31	856	126	982	209	120	329	0	0	0	1065	246	1311
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL	163	4016	1210	5226	1004	961	1965	0	0	0	5020	2171	7191

ii. RURAL YOUTH (On and Off Campus)x

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	2	0	36	36	0	31	31	0	0	0	0	67	67
Bee-keeping	2	3	0	3	42	24	66	0	0	0	45	24	69
Integrated farming													
Seed production													
Production of organic inputs	2	49	3	52	3	0	3	0	0	0	52	3	55
Planting material production													
Vermi-culture	1	26	2	28	1	1	2	0	0	0	27	3	30
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning													

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
of orchards													
Value addition													
Production of quality animal products													
Dairying	3	74	35	109	12	7	19	0	0	0	86	42	128
Sheep and goat rearing	4	45	15	60	17	127	144	0	0	0	62	142	204
Quail farming													
Piggery													
Rabbit farming													
Poultry production	2	39	2	41	4	0	4	0	0	0	43	2	45
Ornamental fisheries													
Para vets	3	73	0	73	7	0	7	0	0	0	80	0	80
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development	2	0	0	0	0	45	45	0	0	0	0	45	45
Others if any (ICT application in agriculture)													
TOTAL	21	309	93	402	86	235	321	0	0	0	395	328	723

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	19	15	24	3	6	9	0	0	0	22	21	43
Integrated Pest Management	4	123	6	129	20	2	22	0	0	0	143	8	151
Integrated Nutrient management	1	20	0	20	0	0	0	0	0	0	20	0	20
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology	1	87	5	92	8	0	8	0	0	0	95	5	100

Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals	2	60	9	69	8	2	10	0	0	0	68	11	79
Livestock feed and fodder production	1	46	8	54	8	1	9	0	0	0	54	9	63
Household food security	4	0	87	87	0	7	7	0	0	0	0	94	94
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
TOTAL	14	355	130	475	47	18	65	0	0	0	402	148	550

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

Discipline	**Clientele**	**Title of the training programme**	**Duration in days**	**Venue (Off / On Campus)**	**Number of SC/ST**			**Number of participants (others)**			**Over all participants**
					M	**F**	**Total**	**M**	**F**	**Total**	

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 else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Goat	Sheep and goat rearing	Commercial Goat Farming	3	20	2	20				2
Mushroom Production	Mushroom Production	Mushroom Production	5	0	24	24	Small unit	20	20	4
Goat	Sheep and goat rearing	Commercial Goat Farming	5	14	11	25	Small unit	2	2	1
Goat	Sheep and goat rearing	Commercial Goat Farming	5	15	12	27	Small unit	4	4	1
Goat	Sheep and goat rearing	Commercial Goat Farming	5	13	17	30	Small unit	3	3	2
Poultry	Poultry production	Scientific Poultry Farming	5	23	2	25	Small unit	2	2	4
Poultry	Poultry production	Scientific Poultry Farming	5	20	0	20	Small unit	3	2	3
Enterprise development	Enterprise development	Sewing Machine operation	5	0	25	25	Small unit	25	25	0

**Training title should specify the major technology /skill transferred*

I) Sponsored Training Programmes

Sl.	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsoring Agency
					PF/RY/EF		Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Scientific Cultivation of Garma Moong	Crop Production	January	21.01.23	PF	1	45	15	0	10	8	0	55	18	0	73	Department of soil conservation
2	Goat farmers (Women) training	Live stock management	January	06-07.01.23	PF	1	0	0	0	0	100	0		100	0	100	District Soil conservation Office under PMSKY
3	Training of Summer Moong	Crop Production	January	21.01.23	PF	1	72	28	0	0	0	0	72	28	0	100	District Soil conservation Office under PMSKY
4	Infectious or non-infectious disease	Livestock disease management	Februar y	13-14.02.23	RY	1			0			0			0		BLDA(Maitri Training)
5	Natural Farming	Natural Farming	Februar y	16-18.02.23	EF	1	24	1	0	0	0	0	24	1	0	25	ITC Mission Sunehra Kal
6	Natural Farming	Natural Farming	Feabrua ry	15-17.02.23	EF	1	24	1	0	0	0	0	24	1	0	25	ITC Mission Sunehra Kal
7	Cultivation of Summer vegetables	Vegetable Production	March	02-03.03.23	PF	1	0	0	0	0	75	0		75	0	75	DD Soil conservation
8	Vegetable Processing	Value addition	March	14.03.23	PF	1	152	13	0	23	12	0	175	25	0	200	Atma
9	Organic Farming	Organic farming	March	01-04.03.23	RY	1	25	2	0	3	0	0	28	2	0	30	BSDM
10	Preparation of vermi compost & NADEP compost	Compost production	March	13.03.23	RY	1	25	2	0	3	0	00	28	2	0	30	BSDM

11	Maitri Training		April	05-06.04.23	RY	1	25	5	0	0	0	0	25	5	0	30	BLDA(Maitri Training)
12	Organic Agriculture	Organic Farming	April	03-21.04.23	RY	1	27	0	0	2	1	0	29	1	0	30	BSDM
13	IPM on Paddy	IPM	May	29.05.23	PF	1	53	15	0	10	5	0	63	20	0	83	Atma, Sheikhpura
14	IPM on Paddy	IPM	May	31.05.23	PF	1	45	12	0	8	7	0	53	19	0	72	Atma, Sheikhpura
15	Management of animals in Kharif season	Livestock Management	May	30.05.23	PF	1	76	15	0	3	4	0	79	19	0	98	Atma
16	Millets value Addition	Value Addition	May	30.05.23	PF	1	30	15	0	3	2	0	33	17	0	50	DAO
17	Kharif workshop and complain	Crop Production	May	29.05.23	EF	1	53	15	0	10	5	0	63	20	0	83	ATMA
15	Kharif workshop and complain	Crop Production	May	31.05.23	EF	1	45	12	0	8	7	0	53	19	0	72	ATMA
19	IPM on Kharif Crop	IPM	June	02.06.23	PF	1	55	13	0	12	17	0	67	30	0	97	ATMA
20	Management of animals in Kharif season	Livestock Management	June	03.06.23	PF	1	53	10	0	6	7	0	59	17	0	76	ATMA
21	Organic Farming & Vermi composting	Organic Farming	June	16.06.23	PF	1	0	0	0	47	28	0	47	28	0	75	Mahila Shikshan Kendra
22	Production of millets	Crop Production	June	02.06.23	PF	1	35	5	0	0	0	0	35	5	0	40	ATMA
23	Organic Farming	Organic Farming	June	14.06.23	PF	1	4	0	0	7	41	0	11	41	0	52	Maria Ashram
24	Scientific cultivation of Kharif crops	Crop Production	June	01.06.23	PF	1	39	8	0	4	4	0	43	12	0	55	Atma, Sheikhpura
25	Scientific cultivation of medicinal aromatic crops	Aromatic and Medicinal plants	June	03.06.23	PF	1	53	10	0	6	7	0	59	17	0	76	Atma, Sheikhpura
26	Organic cultivation of vegetables		June	17.06.23	PF	1	3	2	0	40	19	0	43	21	0	64	Maria Ashram

27	Infectious and non infectious disease of animal	Animal Diseases Management	August	01-02.08.23	RY	1	0		0			0			0		BLDA(Maitri Training)
28	Natural Farming & CRA	Natural Farming	August	17.08.23	PF	1	35	8	0	0	0	0	35	8	0	43	Atma, Sheikhpura
29	Scientist Farmer meet	Crop Productoion	August	18.08.23	PF	1	32	6	0	0	0	0	32	6	0	38	Atma, Sheikhpura
30	Natural Farming & CRA	Natural Farming	August	17-18.08.23	PF	1	35	8	0	0	0	0	35	8	0	43	Atma, Sheikhpura
31	Concept of INM crop rotation	INM	August	19.08.23	PF	1	26	1	0	3	0	0	29	4	0	33	Atma, Sheikhpura
32	Layout & Management of orchard	Orchard Management	August	23.08.23	PF	1	26	1	0	3	0	0	29	4	0	30	Atma, Sheikhpura
33	Parthenium awareness week	Weed Management	August	16.08.23	PF	1	30	3	0	27	0	0	57	3	0	60	Atma, Sheikhpura
34	Agro-climate zone in Bihar	Weather based agro advissory	August	16-23.08.23	PF	1	30	3	0	27	0	0	57	3	0	60	Atma, Sheikhpura
35	Fertilizers & its dificiency in Plant	INM	August	14.08.23	PF	1	27	0	0	3	0	0	30		0	30	Atma, Sheikhpura
36	Establishment of nutrition Garden	House hold food security	August	22.08.23	EF	1	27	0	0	3	0	0	30		0	30	Atma, Sheikhpura
37	Infectious & Infectious disease of animal	Animal Disease Managment	August	17-19.08.23	RY	1	13	12	0	0	5	0	13	17	0	30	IDF
38	Dairy & Vermi Compost training	Compost Production	Septem ber	16-16.09.23	PF	1	20	2	0	0	0	0	20	2	0	22	ATMA. Darbhanga
39	Certificate Course on INM	INM	Septem ber	22-23.09.23	EF	1	1	0	0	29	0	0	30		0	30	CB R SETTI
40	Scientific cultivation of vegetable crops	Vegetable Production	Septem ber	01.09.23	PF	1	25	0	0	5	0	0	30		0	30	ATMA
41	Scientific cultivation of vegetable crops	Vegetable production	October	06.10.23	PF	1	58	26	0	12	9	0	70	35	0	105	ATMA

42	Scientific cultivation of vegetable crops	Vegetable Production	October	16.10.23	PF	1	78	10	0	7	5	0	85	15	0	100	ATMA
43	Scientific cultivation of Rabi vegetable crops	Vegetable Production	October	19.10.23	PF	1	72	18	0	22	12	0	84	30	0	114	ATMA
44	IPM on Kharif & Rabi	IPM	October	31.10.23	PF	1	70	18	0	5	7	0	75	25	0	100	ATMA
45	IPM on Rabi crop & Scientific cultivation	IPM	October	06.10.23	PF	1	58	26	0	12	9	0	70	35	0	105	ATMA
46	IPM on Rabi crop & Scientific cultivation	IPM	October	14.10.23	PF	1	65	12	0	8	0	0	73	12	0	85	ATMA
47	IPM on Rabi crop & Scientific cultivation	IPM	October	19.10.23	PF	1	72	18	0	22	12	0	94	30	0	124	ATMA
48	Management of Dairy Animals	Livestock Management	October	25.10.23	PF	1	35	10	0	5	2	0	40	12	0	52	ATMA
49	Prevention of control of animal diseases	Animal Disease Management	October	27.10.23	PF	1	78	11	0	6	6	0	84	17	0	101	ATMA
50	Organic Farming	Organic Farming	October	29.10.23	PF	1	84	13	0	11	2	0	95	15	0	110	ATMA
51	Organic Farming	Organic Farming	October	27.10.23	PF	1	78	11	0	6	6	0	84	17	0	101	ATMA
52	Millet Processing	Crop Production	October	29.10.23	PF	1	84	13	0	11	2	0	95	15	0	110	ATMA
53	Weaning food preparation from millet	High nutrient efficiency diet	October	14.10.23	PF	1	65	12	0	8	0	0	73	12	0	85	DAO
54	Mushroom production	Mushroom Production	October	16.10.23	PF	1	45	20	0	62	35	0	107	55	0	162	DAO
55	Early cultivation of vegetables	Protected Cultivation	October	31.10.23	PF	1	0	0	0	70	30	0	70	30	0	100	DAO
56	Energy consumption in Agriculture	Energy Management	December	21-22.12.23	PF	1	30	0	0	0	0	0	30		0	30	Atma, Sheikhpura
57	Energy consumption in Agriculture	Energy Management	December	13.12.23	PF	1	38	7	0	10	1	0	48	8	0	56	BREDA

58	Natural Farming	Natural Farming	December	13.12.23	PF	1	38	7	0	10	1	0	48	8	0	56	BREDA
59	Energy consumption in Agriculture	Energy Management	December	21-22.12.23	PF	1	30	0	0	0	0	0	30		0	30	ATMA
60	Mushroom production	Mushroom Production	December	13.12.23	PF	1	38	7	0	10	1	0	48	8	0	56	BREDA
61	Disease & Pest of Mushroom & their control	Mushroom	December	08-09.12.23	PF	1	52	7	0	15	5	0	67	12	0	79	NHM,Bihar

Area of training	No. of Courses	No. of Participants											
		General			SC			ST			Grand Total		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
Crop production and management													
Increasing production and productivity of crops													
Commercial production of vegetables													
Production and value addition													
Fruit Plants													
Ornamental plants													
Spices crops													
Soil health and fertility management													
Production of Inputs at site													
Methods of protective cultivation													
Other													
Total													
Post harvest technology and value addition													
Processing and value addition													
Other													
Total													
Farm machinery													
Farm machinery, tools and implements													
Other													
Total													
Livestock and fisheries													
Livestock production and management													
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management													
Other													
Total													
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total													

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

Total no of training organised	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	

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

Total no of training organised	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
1	Organic Grower	Organic Grower	390	2	0	0	0	25	3	27	3	30	

3.5. A. ACHEVEMENTS OF EXTENSION/OUTREACH ACTIVITIES

(Including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers					Extension Officials					Total				
		M	F	Total	SC (no.)	ST (no.)	M	F	Total	SC (no.)	ST (no.)	M	F	Total	SC (no.)	ST (no.)
Kisan Mela organized	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kisan Mela participated	4	200	0	200	18	0	15	3	18	5	0	215	3	218	23	0
Field Day	7	449	88	537	88	0	52	5	57	11	0	454	93	547	99	0
Kisan Ghosthi	10	378	189	567	173	0	54	10	64	12	0	432	199	631	185	0
Exhibition organized	3	220	66	286	61	0	15	3	18	3	0	223	69	292	64	0
Participation in exhibition	5	262	50	312	42	0	36	7	43	19	0	298	57	355	61	0
Film Show	23	472	72	544	51	0	25	5	30	4	0	497	84	581	55	0
Method Demonstrations	24	475	39	514	40	0	20	45	65	9	0	495	84	579	49	0
Farmers Seminar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Workshop	1	118	101	219	73	0	10	3	13	4	0	128	104	232	77	0
Group discussion	29	576	325	901	112	0	150	15	165	16	0	592	340	932	128	0
Lectures delivered as resource persons	130	2433	505	2938	945	0	501	25	526	50	0	2934	530	3434	995	0
Advisory Services	2935	1576	743	2319	937	0	160	10	170	25	0	1736	753	2489	962	0
Scientific visit to farmers field	416	1943	939	2882	1510	0	105	20	125	15	0	2048	959	3007	1525	0
Farmers visit to KVK	130	1882	828	2710	1232	0	95	18	113	10	0	1977	846	2823	1242	0
Diagnostic visits	416	1943	939	2882	1510	0	105	20	125	15	0	2048	959	3007	1525	0
Exposure visits																
Ex-trainees	1	17	8	25	0	0	5	1	6	1	0	22	9	31	1	0

Sammelan																
Soil health Camp	0	0	00	0	0	0	0	0	0	0	0	0	0	0	0	0
Animal Health Camp	3	85	50	135	60	0	8	3	11	2	0	93	53	146	62	0
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	2	125	15	140	23	0	10	1	11	2	0	135	16	151	10	0
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	11	9	70	54	6	0	10	45	55	16	0	19	115	134	22	0
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Special day celebration																
Sankalp Se Siddhi																
Swatchta Hi Sewa	19	1030	184	1214	119	0	16	5	21	6	0	1046	189	1235	125	0
Celebration of important date																
Others																

B. Other Extension/content mobilization activities

Nature of Extension Activity	**No. of activities**
Newspaper coverage	25
Radio talks	-
TV talks	2
Popular articles published	5
Extension Literature	8
Electronic media	20
Any other	

C. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Exhibition	3	290	Paddy, Pigeon Pea, Livestock, IFS, New Poultry
Krishak Gosthi	3	310	Disease management in Kharif, Feed and fodder and health management of livestock, Nutrition management in women and children

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 (26th Jan.)	1	30	5	35	10	3	13	40	8	48
Ambedkar Jayanti (14th Apr.)	1	15	5	20	9	3	12	24	8	32
International Yoga Day (21st Jun.)	1	5	2	7	8	3	11	13	5	18
Independence Day (15th Aug.)	1	35	10	45	9	3	12	44	13	57
Parthenium Awareness Week	1	45	12	57	7	2	9	52	14	66

Hindi Diwas (14th Sep.)	1	31	0	31	6	2	8	37	0	45
Gandhi Jayanti (2nd Oct.)	1	19	9	28	3	1	4	22	10	32
World Food Day (16th Oct.)	1	11	25	36	4	1	5	15	26	41
Vigilance Awareness Week	1	34	10	44	9	3	12	43	13	56
National Unity Day (31st Oct.)	1	15	5	20	9	3	12	24	8	32
World Science Day (10th Nov.)	1	25	0	25	4	1	5	29	1	30
National Education Day (11th Nov.)	1	0	43	43						
Fisheries day (21 Nov)										
National Constitution Day (26th Nov.)										
World Soil Day (5th Dec.)	2	34	20	54	8	1	9	42	21	63
Kisan Diwas (23rd Dec.)										
Any other day										

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

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total
1	08/06/2023	Live telecast of Launching of Eradication of Malnutrition programme	Hon'ble AM, GOB	50	7	0	57
2	27/07/2023	PM Live Programme PM Kisan Samman instalment release	Hon'ble PM, GOI	102	5	0	107
3	30/09/2023	PM Live Programme, Sankalp Saptah for Aspirational Block prog	Hon'ble PM, GOI	0	08	0	08
4	13/10/2023	AM Live telecast Man Ki Bat Kisano ke Sath	Hon'ble AM, GOB	25	10	0	35
5	01/11/2023	Live Prayogshala se Khet tak, Sawal Jawab Karyakaram	Hon'ble AM, GOB	34	6	0	40
6	15/11/2023	PM Live, Release of PM Kisan Samman installement	Hon'ble PM, GOI	47	8	0	55
7	02/12/2023	Live Programme Proyogshala se Khet Tak	-	26	2	0	28
8	09/12/2023	PM Live Programme, Viksit Baharat Sankalp Yatra	Hon'ble PM, GOI	59	2	0	61
9	16/12/2023	PM Live Programme, Viksit Baharat Sankalp Yatra	Hon'ble PM, GOI	552	2	5	559
10	27/12/2023	Hon'ble PM, GOI	Hon'ble PM, GOI	720	2	4	726

3.5 a. Production and supply of Technological products

A. Seed production at seed village

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided			
					SC	ST	Other	Total
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	Paddy, Sabour Harshit, Wheat – S. Shrestha, HI 1563, S Samridhi, HD 2967	185.48	741920	125		500	
Oil seed	Linseed, S. Tisi 1	4.27	46970	5		18	
Pulses	Lentil- IPL 316, Gram - RVG202	19.30	212300	10		90	
Green Manure							
Commercial crop							
Vegetables							
Fodder							
Spices							
Fruits							
Forest crop							
Ornamental/flower							
Medicinal							
Grand Total		**209.05**	**1001190**	**140**		**608**	

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	Cauliflower, var. Sabour Agrim	40000	21540	105		254	359
Cabbage							
Tomato	Tomato, Var. Kashi Vishesh	40000	21540	105		254	359
Brinjal	Brinjal, var. PH-6, RB-2	40000	28540	105		308	413
Chilli							
Onion							
Others							
Commercial seedlings							
Mulberry							
Sugarcane,							
Sweet Potato							
Turmeric							
Zinger							
Others							
Fruitsseedlings							
Mango							
Guava							

Lime							
Papaya							
Banana							
Ornamental plants							
Marigold							
Annual chrysanthemum							
Tuberose							
Others							
Medicinal and Aromatic							
Plantation							
Tuber Elephant yams							
Spices							
Grand Total							

D. Forest species

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

E. Fodder crops saplings

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

F. Production of Bio-Products

Name of product	**Quantity (Kg)**	**Value (Rs.)**	**No. of Farmers benefitted**			
			SC	**ST**	**Other**	**Total**
Bio-fertilizers						
Bio-food(Spirulina etc)						
Bio-pesticide						
Bio-agents (Trichocardetc)						
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							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat	Black Bengal	8					
Other, please specify							
Poultry	Vanraja	2500	12500				
Broilers							
Layers							
Duals (broiler and layer)							
Japanese Quail							
Turkey							
Emu							
Ducks							
Others (Pl. specify)							
Piggery							
Piglet							
Hog							
Others (Pl. specify)							
Rabbitry							
Fisheries							
Indian carp							
Exotic carp							
Mixed carp							
Fish fingerlings							
Spawn							
Others (Pl. specify)							
Grand Total							

H. SOIL & WATER TESTING

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

Sl. No	Name of the Equipment	Qty.

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

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				
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	3	-	54	0	0	65

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

S.No	No of training programme conducted	No. of demonstrations	No. of plant material produced	Visit by the farmers (No.)	Visit by the officials (No.)
1	5	0	0	0	0

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

1. Name of Seed Hub Centre: NA

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)
Rabi 2022-23						
Rabi 2023	Lentil	IPL 316	32	4	18.30	C/S
	Gram	RVG 202	4.0	0.25	1.0	TL
Summer/Spring 2023	Moong					

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, 133709		321215		
2017-18, 583199		354487		
2018-19, 252371		221284		
2019, 87631		121577		
2020, 121146		294026		
2021, 288351		276085		
2022, 290508		189434		
2023, 379497		247454	653785	

4. Infrastructure Development

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

3.6 PUBLICATIONS, HUMAN RESOUSES 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	Yield and Economics of wheat mustard intercropping in a proportion of 3:1 and 5:1 ratio in Koshi region of Bihar	

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			
Books			
Book Chapter			
Popular articles			
success story	02	NA	NA
Bulletins			
Agro-advisory bulletins			
Extension Folders	02	4000	4000

Technical reports			
News letter	02	2000	2000
Electronic Publication (CD/DVD etc)			
TOTAL	6	6000	6000

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	Er Pramod Kr Chaudhary	National Seminar	22-24/06/2023	ISEE/UAS, Bengaluru
2	Er Pramod Kr Chaudhary	Annual Zonal Workshop	8-10 July 2023	ATARI Patna/ Vivekanand University Ranhci
3	Er Pramod Kr Chaudhary	TCS/TDS and GST awareness programme	8th Sept 2023	BAU Sabour
4	Er Pramod Kr Chaudhary	State level seminar on Natural Farming	17-18 Sept 2023	ATARI, Patna/ Motihari
5.	Navin Kr Singh	Training cum exposure	26-30/06/2023	
6.	Sangita Kumari	Webinar on Natural Farming	31/07//2023	ATARI, Patna
7.	Dr B S Sinha	Natinal Seminar on Emerging opportunity for employment generation through modern animal husbandry practices	12-13/10/2023	BASU, Patna
8.	Dr B S Sinha	Participation in Bihar Cattle and Dairy Expo	21-23/12/2023	BASU, Patna

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

Type of attachment	No of student trained	No of days stayed
B Sc Horticulture	11	180

E. Awards/Recognition

Institutional Award received by KVK

Sl. No.	Name of the Award	Conferring Authority	Amount	Purpose

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			Innovative Farmer	Mukesh Prasad	Vrindavan, Ariyari	9931838714	-		Recognition	BAU Sabour
2			Millennium Farmers	Brahmdev Pd Yadav	Chewara	9939810451	-	-	Recognition	Krishi Jagran

3.7. TECHNOLOGY DEVLOPMENT

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

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

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

Sl. No.	Enterprise	Brief details of the ITK Practiced	Purpose/Impact of ITK	Impact of the technology
1	Livestock	Chirchira plant root is used near scorpion bite location. Also used whole plant including its root used at belly region for smooth parturition.	Management of Scorpion bite in animal and dystocia	It ensured smooth parturition and cost free treatment of scorpion bite..
	Livestock	Decoction of Harsingar(Parijat) plants are used in symptomatic (Fever, pain, inflammation and skin rashes) gtreatment in case LSD in animals.	This is a zero cost technology for the treatment of highly contagious and dreadly LSD disease. 100 of farmers has been benefitted and their animal saved from this practice	Low cost treatment and easily available. Farmers are getting benefitted at large extension.

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
1	PRA	Assessment of skill level of farmers

4. IMPACT

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

Name of specific technology/skill transferred/training	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Bee Keeping	120	10	0	10000
Mushroom Production	150	27	0	1200
Onion Seed Production	40	11	6000	17000

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
Zero Tillage Technology in wheat and lentil	550

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

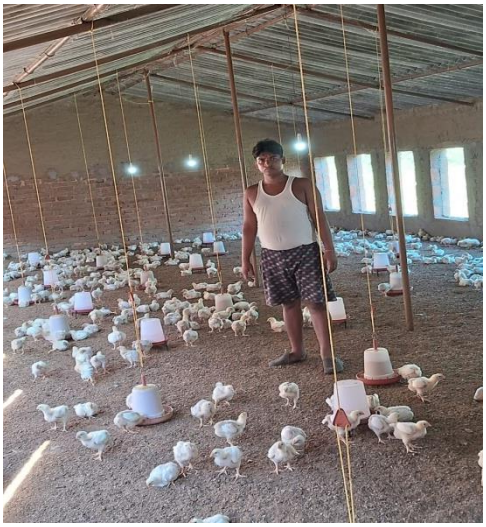
Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms

4.4. Details of entrepreneurship development

<table>
<tr><td colspan="2">Entrepreneurship development</td></tr>
<tr><td>Name of the enterprise</td><td>Poultry bird rearing</td></tr>
<tr><td>Name & complete address of the entrepreneur</td><td>Neeraj Kumar, address - Village -Itahra, Post- Ekarha, Block- Ariyari, dist.- Sheikhpura Mob - 8294124344</td></tr>
<tr><td>Role of KVK with quantitative data support:</td><td>He has been trained in poultry farming by the kvk. Also kvk planned and formulated his poultry project</td></tr>
<tr><td>Timeline of the entrepreneurship development</td><td>Five Years</td></tr>
<tr><td>Technical Components of the Enterprise</td><td></td></tr>
<tr><td>Status of entrepreneur before and after the enterprise</td><td>The crop production has been increased by more than 20 percent and income increase from this enterprise is about 25 percent. However income from Onion cultivation has increased by 76 percent mainly due to price hike and increase in production. Poultry enterprise alone contributes two third of his total net income which is about sixteen lakh rupees. He is now motivating fellow farmers of nearby villages. Increased his social and economic status</td></tr>
<tr><td>Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):</td><td>
<table>
<tr><th></th><th>Names</th><th>Area(Acre) / Number</th><th>Production (Q/Lit./No.)</th><th>Gross Income (Rs.)</th></tr>
<tr><td>Field Crop-1</td><td>Paddy</td><td>3.5</td><td>52</td><td>93600</td></tr>
<tr><td>Field Crop-2</td><td>Wheat</td><td>1.0</td><td>13</td><td>37300</td></tr>
<tr><td>Hort. Crop</td><td>Onion</td><td>2.0</td><td>300</td><td>450000</td></tr>
<tr><td>Livestock</td><td>Poultry</td><td>7000 Sq. ft.</td><td>60000 (birds per cycle)</td><td>8700000</td></tr>
</table>
</td></tr>
<tr><td>Horizontal spread of enterprise</td><td>At present he is having 6000 bird/cycle rearing capacity and planning to increase to 8000 bird per cycle.</td></tr>
</table>

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

<table>
<tr><td>Name of farmer</td><td>Neeraj Kumar</td></tr>
<tr><td>Address & Contact details (Phone, mobile, email Id)</td><td>Village -Itahra, Post- Ekarha, Block- Ariyari, dist.- Sheikhpura.</td></tr>
<tr><td>Assets (Landholding (in ha.)/Livestock)</td><td>3.0 ha/Poultry bird 6000 per cycle</td></tr>
<tr><td>Name and description of the farm/ enterprise</td><td>Crop Production and Poultry bird rearing</td></tr>
<tr><td>Achievement of the farmers</td><td>Mr. Kumar gained economic benefit by increasing his net profit through his innovative way of diversification in farming through Poultry farming. He also improved his social values and respect from the Society for his effort.</td></tr>
<tr><td>KVK intervention (planning & Implementation)</td><td>He has been trained in poultry farming by the kvk. Also kvk planned and formulated his poultry project</td></tr>
<tr><td>Impact (Economic/ Social/Environmental)</td><td>Before Intervention
Baseline Period 2016-17
<table>
<tr><th></th><th>Names</th><th>Area(Acre)/ Number</th><th>Production (Q/Lit./No.)</th><th>Gross Income</th><th>Net Income</th></tr>
<tr><td>Field Crop-1</td><td>Paddy</td><td>3.5</td><td>42</td><td>63000</td><td>42000</td></tr>
<tr><td>Field Crop-2</td><td>Wheat</td><td>1.0</td><td>11</td><td>18700</td><td>13200</td></tr>
<tr><td>Hort. Crop</td><td>Onion</td><td>2.0</td><td>280</td><td>280000</td><td>210000</td></tr>
<tr><td></td><td></td><td></td><td></td><td>361700</td><td>265200</td></tr>
</table>
Status in 2023
<table>
<tr><th></th><th>Names</th><th>Area(Acre)/ Number</th><th>Production (Q/Lit./No.)</th><th>Gross Income</th><th>Net Income</th><th colspan="2">% increase over Base Year</th></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td>Production</td><td>Income</td></tr>
<tr><td>Field Crop-1</td><td>Paddy</td><td>3.5</td><td>52</td><td>93600</td><td>51600</td><td>23.80</td><td>22.85</td></tr>
<tr><td>Field Crop-2</td><td>Wheat</td><td>1.0</td><td>13</td><td>37300</td><td>27300</td><td>18.18</td><td>31.06</td></tr>
<tr><td>Hort. Crop</td><td>Onion</td><td>2.0</td><td>300</td><td>450000</td><td>370000</td><td>7.14</td><td>76.19</td></tr>
<tr><td>Livestock</td><td>Poultry</td><td>7000 Sq. ft.</td><td>60000 (birds per cycle)</td><td>8700000</td><td>1128000</td><td>100%</td><td>100%</td></tr>
<tr><td></td><td></td><td></td><td></td><td>8865900</td><td>1233900</td><td></td><td></td></tr>
</table></td></tr>
<tr><td>Outcome (Horizontal/</td><td>The crop production has been increased by more than 20 percent and income increase from this enterprise is about 25 percent. However income from Onion cultivation has increased by</td></tr>
</table>

Vertical spread)	76 percent mainly due to price hike and increase in production. Poultry enterprise alone contributes two third of his total net income which is about sixteen lakh rupees. He is now motivating fellow farmers of nearby villages. Increased his social and economic status.
	 

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

S.No	Name of organization	Nature of linkage
1	D.A.O. Sheikhpura	For conducting training & Diagnostic visit
2	ATMA, Sheikhpura	Training & Joint survey, demonstration
3	Dist Horticulture Office Sheikhpura	Training & Demonstration
4	Plant Protection Deptt. Gov. of Bihar	Training and Farmers field school on IPM
5	State seed Cetification Agency Patna	Seed certification
6	RSETI Sheikhpura	Training & Participation in meeting
7	DAHO Sheikhpura	Joint Vaccination camp and Diagnostic Services
8	District Dairy Development Office	Awareness Programme and advisory services
9	Dist. Fisheries Office Sheikhpura	Fisheries development Programme and advisory services
10	DDM, NABARD	Meeting, Training and Workshop
11	Lead Bank/ canara Bank	Meeting on the KCC and Rural Credits
12	IFFCO Sheikhpura	For conducting training and
13	Mariya Ashram	Vocational training on Mushroom and Value addition
14	JEEVIKA, Sheikhpura	Training & Advisory
15	BAU, Sabour	Technical Support
16	BISA, Samastipur	Implementation of climate resilient agriculture
17	ICAR-RCER	Technical Support
18	ITC	Technical Support

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.)
CRAP	To disseminate Climate Resilient Technology	Nov 2020	GOB	70 lakh Approx

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

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

6. PERFORMANCE INDICATORS

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.	NADEP Compost Unit	2018	6						Farm Use
2.	Vermi compost Unit	2018	6						Farm Use
3.	Nutri Garden	2021	70						
4.	Mushroom Unit	2018	50						Damaged
5	IFS	2023	4000	Poultry Breed Vanraja	Egg	2500		12500	
	Total		4132			2500		12500	
	Total								

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	29.06.2023 to 08.08.2023	25.11.2023 to 05.12.2023	5.0	Sabour Harshit	CS	175 qt	150000	-	
Lentil	26.11.2023to 17.12.2023	-	3.5	IPL 316	CS	-	-	-	
TISI	30.11.2023 to 05.12.2023	-	1.0	Sabour Tisi-1	CS	-	-	-	

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.					

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.							
2.							
3.							

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
2019	IMD	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)
May-July 2023	6	50	NA
Total:			

(For whole of the year)

6.7 Utilization of staff quarters

- Whether staff quarters have been completed: yes
- No. of staff quarters: 3
- Date of completion: NA
- Occupancy details: None needs repair, water and electricity supply system installetion.

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Main	UCO Bank, Ariyari	Ariyari	15590200200004
Revolving fund	UCO Bank Ariyari	ARiyari	15590200200005

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	

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2022
	Kharif	Rabi	Kharif	Rabi	
Lentil	-	-	-	88000	0.00

7.4. Utilization of KVK funds during the year 2022 (Not audited)2022-23

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	15668000	12175300	11428098
2	Traveling allowances	90000	84246	51436
3	Contingencies			
A				
B	HRD	30000	28389	8500
C	Office Exp.Pol.			
D	Repair of vehicle	400000	400000	353591
E	Training materials RY			174240
F	Training meals ,		565965	65000
G	Operational expences	650000		140690
H				
I				
J	Swachhta Expenditure			
TOTAL (A)		**16838000**	**13253900**	**12221555**
B. Non-Recurring Contingencies				
1				
2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2021	192795	288351	276085	205061
2022	205061	290508	189434	306135
2023	306135	379497	247454	438178

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
Crop Cutting	5	Kharif 2023	3	2	2
Diagnostic Visit	2	Rabi 2023	0	2	0
KYM	3	Rabi 2023	0	0	3
Farmer-Scientist	2	Rabi 2023	0	0	2
Training	10	Rabi and Kharif 2023	3	2	5

7.8 Revenue generation

Sl.No.	Name of Head	Income (Rs.)	Sponsoring agency
1.	RF	379497	
2.			
3.			

7.9 Resource Generation

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created

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)
Severe attack of BPH	Rice	8.9.2023	240	36%	145

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)
Lumpy Skin Disease	Cattle	4.6.2023	Morbidity (40%)	-	

8.3. Nehru Yuva Kendra (NYK) Training

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

8.4. PPV & FR Sensitization training Programme

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

8.5. KVK Portal and Mobile App

No. of Events added by KVK	No. of Facilities added by KVK	No. of filled Report on Package of Practices				No. of filled Profile Report							
		Crop	Horticulture	Livestock	Fisheries	Employees	Posts	Finance	Soil Health Cards	Appliances	Crops	Resources	Fish

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	37190209
2.	No. of farmers registered in the portal	2260
3.	Mobile Apps developed by KVK	
4.	Name of the App	
5.	Language of the App	
6.	Meant for crop/ livestock/ fishery/ others	
7.	No. of times downloaded	

8.6 Details of KVK Portal

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	1581	50		2235
2.	Livestock	876	20		945
3.	Weather				
4.	Marketing				
5.	Awareness				
6.	Enterprises	478			478
7.	Others				
8.	Total				

8.5 Kisan Sarathi

Name of KVK	No. of Farmers Registered on Portal

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
4.10.23	1	11	32	4	47
6.10.23	1	9	27	2	38

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
16.12.2023	2	4	50	8	62
17.12.2023	2	4	54	6	64
18.12.2023	2	5	150	8	163
19.12.2023	2	4	65	6	75
20.12.2023	2	5	125	9	139
21.12.2023	2	4	55	10	69
22.12.2023	2	4	150	8	162
23.12.2023	2	5	160	7	172
28.12.2023	2	5	25	6	36

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	66	43	17017	66

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
Bihar	Sheikhpura	Crop production/RCT	6.0	325	Demo of Short duration Paddy s. Harshit, Early variety of cauliflower S Agrim

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)

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

Date	Name of the person	Purpose of visit
27/07/2023	Dr R K Sohane	SAC Meeting
	DDM, NABARD	
	DAHO,Sheikhpura	
	Dy PD, ATMA	
	DFO, Sheikhpura	
	LDM, Sheikhpura	
10/08/2023	Dr Amrendra Kumar, Principal Scientist, ATARI, Patna	To see the development at KVK
02/09/2023	Prakhand Pramukh, Ariyari	Technological Input
04/10/2023	Prakhand Pramukh, Ariyari	Technological Input

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

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

- Year:
- Introduction / General Information:

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										
Rabi										

11.2 Details of Tribal Sub Plan (TSP)

a. Achievements of physical output under TSP

Sl.	**Activities**	**Physical Achievement**	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer		
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	6	196
b.	Women		
c.	Rural Youths	1	25
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
3)	FLD	3	109
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
5)	Other activities		
a.	Participants in extension activities (No.)	330	
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.)		

11.4. NICRA (Technology Demonstration component)

a. Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

b. Crop Management / Production

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	

c. Livestock and fisheries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

d. Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	

e. Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T

f. Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T

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	Kalyani Jeevika Mahila Kisan Producer Co.LTD	2021	Sheikhpura	Onion Marketing	Onion			
2	Sheikhpura Farmers Producer Co.LTD,Bhadeli	2021	Sheikhpura	Vesetables (emphasis on Onion)	Vegetable and Onion			
3	Shekhopursarai Farmers Producer Co. LDT.	2021	Sheikhopur sarai	Agri. Inputs Procurement & To make available to farmer	Agri Inputs			
4	Kashi Bigha farmers Producers Company Ltd	U01611BR2023PTC063842	27th June 2023, Kashi Bigha, Barbigha, Sheikhpura	Procurement and Sale	Agriculture and Animal Husbandry	350	6.50	

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
5	1 ha	01	70	8	154	2	154

b. Details of OFT/FLD

OFT	**Area (ha/ no. of Unit/Enterprise)**	**No. of farmers/ beneficiaries**
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)		
FLD		
Nutritional Garden	**100**	**100**
Bio-fortified Crops		
Value addition (in no. of Unit or no. of Enterprise)	**20**	**20**
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.	Diha	Backyard/Kitchen Garden	40	2560	40
2.	Belchhi	Backyard/Kitchen Garden	18	1152	18
3.	Belkhundi	Backyard/Kitchen Garden	15	960	15
4.	Pandhar	Backyard/Kitchen Garden	14	896	14
5.	Gohda	Backyard/Kitchen Garden	13	832	13
TOTAL			100	6400	100

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

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
Diha	**Onion**	**Onion Paste**	**OFT**	**10**
Pandhar	**Palmyra Palm sprout**	**Flour**	**OFT**	**10**

f. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Diha	Health and Nurtition, Nutri garden establishment, Value addition	6	114
Pandhar	Health and Nurtition, Nutri garden establishment, Value addition	2	40

g. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
Diha	Awareness about health and Nutrition	4	225
Pandhar	Awareness about health and Nutrition	2	105

h. Details of recipe contest (if applicable)

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

11.7Attracting and Retaining Youth in Agriculture (ARYA)

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

a. Overall achievements

S.No	**Name of Activity**	**No. of activities**	**No. of beneficiaries**
1.	Awareness programme	7	278
2.	Training programme	5	247
3.	Demonstrations	2	Farm

b. Details of Training programmes

S.No	**Name of training programme**	**Date**	**Location/Venue**	**No. of beneficiaries**
1	Natural Farming	28/09/2023	Maria Ashram, Sheikhpura	62
2	Natural farming	10/10/2023	Maria Ashram, Sheikhpura	65
3	Natural Farming	27/10/2023	E-Kisan Bhawan, Sheikhpura	48
4	Natural Farming	14/08/2023	E-Kisan Bhawan, Sheikhpura	32
5	Natural Farming	22/08/2023	Sheikhpura Block	40
6	Natural Farming	21/12/2023	E-kisan Bhawan	35

c. Details of Awareness programmes

S.No	Name of Activity	Date	Location/Venue	No. of beneficiaries
1	Natural Farming	15-17/02/2023	KVK Sheikhpura	25
2	Prepration of Jeewa Amrit, Nimastra, Brahmhastra etc.	05/04/2023	KVK Sheikhpura	30
3	Natural Farming	27-28/04/2023	Uksi and Karnde	85
4	Natural Farming	23/05/2023	KVK Sheikhpura	45
5	Natural Farming	25/05/2023	KVK Sheikhpura	43
6	Natural Farming	21/12/2023	DAO, Sheikhpura	50
7	Natural Farming	24-25/01/2024	DAO, Sheikhpura	45

e. Details of Demonstrations

S.No	Name of Crop	Location of Demo.	Area of Demo.
1	Millet, Var RAU 8,	KVK Farm	0.4 ha
2	Lentil, var. IPL 316	KVK Farm	0.4 ha

11.9 District Agro Meteorological Unit (DAMU)

S. No	No. of Block agromet advisories send	No. of advisory bulletin published	No. of Farmers Awareness programmes organized	No. of farmers feedback received	No. of farmers received agromet advisory bulletin	No. of publication
1	**6**	**103**	**894**	**444**	**9275**	**4**

11.10KSHAMTA

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 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	Crop, Poultry and Livestocks (Goatry and Cow)	0.4	Poultry egg – 2500 Poultry birds – 64.2 kg Goatry- Goat Kid 8	54500 31500	25340 -	10	25 %

b. Activities under IFS

Sl. No.	Component Name	No. of KVKs under the Component	No. of Components established	Area (ha)	No. of Activities		No. of farmers benefited	
					Demo	Training	Demo	Training
1.	Crop	-	1	0.3		2	0	50
2.	Poultry	-	1	0.1		2	0	45
3.	Goatry	-	1			4	0	104

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					
II					
Total					

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

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

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कृषि विज्ञान केन्द्र, शेखपुरा


कृषि विज्ञान केन्द्र, अरियरी, शेखपुरा


पंक्ति प्रत्यक्षण
गोहदा
POCO


कृषिविज्ञानकेन्द्र
अरियरी शेखपुरा
प्रशासनिक भवन


कृषि विज्ञान केन्द्र
अरियरी (शेखपुरा)


मोदी सरकार की गारंटी