PROFORMA FOR ANNUAL REPORT 2024 (01st January- 31st December 2024)

<u>1. GENERAL INFORMATION ABOUT THE KVK</u>

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

Name and address of KVK	Tele	ephone	E-Mail	
	Office	FAX	E-IVIAII	
Krishi Vigyan Kendra,	6287797168	-	head.kvk.siwan@rpcau.ac.in	
Bhagwanpur Hat, Siwan				

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

Name and address of Host	Telephone		E mail
Organization	Office	FAX	E IIIdii
Dr. Rajendra Prasad Central Agricultural University, Pusa, Bihar	06274-240226	06274-240255	vc@rpcau.ac.in

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

Nome	Telephone / Contact					
Iname	Residence	Mobile	Email			
Dr. Jitendra Prasad	-	6287797168	head.kvk.siwan@rpcau.ac.in			

1.4. Year of sanction of KVK with council order No. and date: F.No.18-25/1996-AE-1 Dated :- 22nd June 2004

1.5. Year of start of KVK: 2004

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

SI. No.	Sanctioned post	Name of the Incumbent	Designation	Discipline	Pay Scale with Present Basic	Date of joining	Permanent/ probation	Category (SC/ST/ OBC/ Others)
1.	Senior Scientist & Head	Dr. Jitendra Prasad	Senior Scientist &Head	Plant Breeding	79800- 211500 104000	18.06.2015	Permanent	OBC
2.	Subject Matter Specialist	Er. K. B. Chhetri	SMS	Agril. Engg. (Post-Harvest Technology)	56100-177500 63100	01.02.2019	Permanent	Others
3.	Subject Matter Specialist	Miss Sarita Kumari	SMS	Home Science	56100-177500 57800	08.03.2022	Permanent	SC
4.	Subject Matter Specialist	Dr. Kanaiya Lal Regar	SMS	Soil Science	56100-177500 63100	23.04.2019	Permanent	SC
5.	Subject Matter Specialist	Vacant	-	-	-	-	-	-
6.	Subject Matter Specialist	Vacant	-	-	-	-	-	-
7.	Subject Matter Specialist	Vacant	-	-	-	-	-	-
8.	Programme Assistant	Sri Arun Kumar	Lab Technician	Environmental Science	35400-112400 39900	18.12.2017	Permanent	OBC
9.	Computer Programmer	Vacant	-	-	-	-	-	-
10.	Farm Manager	Vacant	-	-	-	-	-	-
11.	Accountant / Superintendent	Sri Abhishek Kumar	Assistant	B. Tech. (ECE)	35400-112400 39900	23.11.2017	Permanent	Others
12.	Stenographer	Sri Harsh Kumar	Stenographer	B.A. (Economics)	25000-81000 30500	21.02.2018	Permanent	Others
13.	Driver	Sri Suman Kumar	Jeep Driver	B.A (History)	21700-69100 23100	27.02.2021	Permanent	SC
14.	Driver	Sri Raj Kishor Paswan	Tractor Driver	10 th	21700-69100 23100	27.02.2021	Permanent	SC
15.	Supporting staff	Vacant	-	-	-	-	-	-
16.	Supporting staff	Vacant	-	-	-	-	-	-

Total land with KVK (in ha): 1.6.

S. No.	Item	Area (ha)	Name of infrastructure
1	Under Buildings	2.0	Administrative building, Kisan Ghar, E-
			Kisan Bhavan, Staff quarter
2.	Under Demonstration	1.5	Vermicompost Unit, Poultry, Farm
	Units		Machinery unit, Seed storage, Poly house,
			etc
3.	Under Crops	12.0	Field crops, Paddy, Wheat, etc.
4.	Orchard	4.5	Mango, Litchi and Guava
5.	Agro-forestry	-	-
6.	Others with details	-	-
	Total	20.00 ha	

*Total area should be matched with breakup

Infrastructure Development: A) Buildings and others 1.7.

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof	Totally completed	Plinth area (sq.m)	Functional/ non- functional*	Source of funding
1.	Administrative Building					Completed	(59.11)	Use	ICAR
2.	Farmers Hostel					Completed			ICAR
3.	Staff Quarters (6)					Only three (3) Quarter Completed		Use	ICAR
4.	Piggery unit	-	-	-	-	-	-	-	Nil
5	Fencing					Completed			ICAR
6	Rain Water harvesting structure	-	-	-	-	-	-	-	Nil
7	Threshing floor					Yes		Use	ICAR &RKVY
8	Farm godown					Yes		Use	ICAR& RKVY
9.	Dairy unit	-	-	-	-	-	-	-	Nil
10.	Poultry unit	-	-	-	-	-	-	-	Nil
11.	Goatry unit	-	-	-	-	-	-	-	Nil
12.	Mushroom Lab	-	-	-	-	-	-	-	Nil
13.	Mushroom production unit	-	-	-	-	-	-	-	Nil

14.	Shade house					Yes		Use	MMHM
15.	Soil test Lab	-	-	-	-	Yes	-	Use	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
Bolero Jeep	2022-23	850000.00	73496	Good condition
Motor cycle (BR29Y9760)	2016-17	57000.00	7454	Good condition
Motor cycle (BR29Y9761)	2016-17	57000.00	7368	Good condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment			·	•
MSTL (Mobile soil Test lab except bus price)	2018	42,48,489	Good condition	Bihar Govt.
Single distillation unit	2022	11,492.00	Good condition	ICAR
Auto Cut off system	2022	5732.00	Good condition	ICAR
Weighing balance	2022	25,836.00	Good condition	ICAR
b. Farm machinery				
Tractor (Massey Fergusson)	2004 -05	3,34,500	Bad	ICAR
Tractor (John Deere 55HP)	2019-20	6,12,036	Good condition	ICAR
Tractor(Massey Fergusson)	2019-20	4,82,076	Good condition	ICAR
Tractor (John Deere 55HP) CRA	2020-21	6,71,580.31	Good condition	Bihar Govt.
c. AV Aids				
LCD Multi Media Projector	2010	75,819	Bad	ICAR
LCD Multi Media Projector	2019	79,049	Good	ICAR
Digital camera	2009	24,880	Bad	ICAR
Digital camera	2010	12,990	Bad	ICAR
Digital camera	2015	13,900	Bad	ICAR

D)	Farm	imp	lements
$\boldsymbol{\nu}_{j}$	I uIIII	mp	cificities

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Rotavater	2010	-	Working	
Winnower	2010	-	Working	
Hydraulic Trailer	2010	82,000.00	Working	
H.F. 1A Disc Harrow	2010	25,000.00	Working	
M.F. Cultivator 9 Tyre	2010	12,100.00	Working	
Cage Wheel	2010	5,900.00	Working	
Tractor operated laser land leveler	2020	2,91,200.00	Working	ICAR
Zero till seed cum fertilizer	2020	43,120.00	Working	ICAR
Rotavater	2020	114917.00	Working	ICAR
Happy seeder	2020	158747.00	Working	ICAR
Multi crop thresher	2020	128800.00	Working	ICAR
Potato planter	2020	97500.00	Working	ICAR
Power Weeder	2020	47600.00	Working	ICAR
Hydraulic disc	2020	84000.00	Working	ICAR
Ripper cum binder	2020	520000.00	Working	ICAR
Potato digger	2020	117500.00	Working	ICAR
Rice transplanter	2020	222800.00	Working	ICAR
Mini Dal Mil	2020	94500.00	Working	ICAR
Boom sprayer	2020	160499.00	Working	ICAR
Happy Seeder	2021	155098.00	Working	Bihar Govt.
Multi crop planter- 02	2021	99799.00	Working	Bihar Govt.
Riper cum binder	2021	342000.00	Working	Bihar Govt.
Tractor operated laser land leveler	2021	248000.00	Working	Bihar Govt.
Tractor Trailer	2021	143400.00	Working	Bihar Govt.
Cultivator	2021	29430.00	Working	Bihar Govt.

Disk plow	2021	94657.00	Working	Bihar Govt.
Tractor Drawn leveler	2021	18000.00	Working	Bihar Govt.
Dhan Machine Theser with 1HP Motor	2021	11800.00	Working	ICAR

2. Priority thrust areas of KVKs

S. No	Thrust area
1.	Emphasis on reclamation of saline and alkaline soil.
2.	Extension of climate resilient technologies like zero tillage, raised bed planting, RCT and direct seeded rice (DSR).
3.	Promotion for improving production of major cropping pattern for Siwan district.
4.	Empowerment and strengthening of rural farm women / Youth through income generating activity.
5.	Improving production capacity of milch animals.
6.	Self-employment generation through agricultural enterprises.
7.	Promotion of IPM and INM package.
8.	Promotion of Medicinal & aromatic plant.
9.	Promotion of high density orchard.
10.	Emphasis on farm mechanization and value addition
11.	Promotion of organic farming

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

Sl.No	Items	Information
1	Major Farming system/enterprise	Crop production + Animal Husbandry, Production + Mushroom, sugarcane + Animal
		Husbandry, cropproduction+Vegetable Production
2	Agro-climatic Zone	Middle Gangetic Plain Region (IV)[Planning Commission]
		North West Alluvial Plain Zone (BI-1) [NARP]
3	Agro ecological situation	Guthani, Mairwa, Nautan, Andar, Jeeradei, Barharia, Maharajganj, Goriakothi, Lakarinabiganj, Punchrukhi, Siwansada
		r,Basantpur,Daraundha,Hasanpura,
4	Soil type	Sandy Loam, Saline Soil, Alkaline Soil

5	Productivity of major 2-3 crops under	Name of crop	Production ('000	t) Produc	ctivity (kg/ha)		
	cereals, pulses, oilseeds, vegetables, fruits	Rice	151.3	1663			
	and others	Maize	43.45	2448	2448		
		Wheat	276.42	3050			
		Pulses	3.56	948			
6	Mean yearly temperature, rainfall, humidity of the district	И	Aonth	Ye	ear		
		Reco	rd high °C	43	3.0		
		Avera	34	.25			
		Daily	y mean °C	30	.16		
		Avera	age low °C	24.15			
		Reco	ord low °C	5	.8		
		Average p	recipitation mm	25	.06		
		Average precipit	ation days ($\geq 1.0 \text{ mm}$)	2.	14		
		Average rela	tive humidity (%)	50	.25		
		Mean month	ly sunshine hours	10.85			
7	Production of major livestock products like						
	milk, egg, meat etc.	Live stock	Number	Live stock	Number		
		Plough Animals	158185	Goat	196187		
		Cattle	232800	Pigs	11602		
		Cross bred	23994	Crossbred	1003		
		Indigenous	208806	Hens	47592		
		Buffaloes	401625	Desi	38823		
		Sheep	10489	Improved	218686		
		Cross bred	2571	Ducks	2060		
		Indigenous	7918	Turkey and others	312471		

Note: Please give recent data only 2.b. Details of operational area / villages (2024)

						8
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.	Siwan	Bhagwanpur Hat	Chorauli	Paddy, Red gram	Low Productivity Traditional Variety	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package.
2.	Siwan	Basnatpur	Kumkumpur, Nagauli	Wheat ,Paddy	Low Productivity Traditional Variety	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package.
3.	Siwan	Goriyakothi	Saidpura	Red gram	Pest and Disease	Promotion of IPM and INM package.
4	Siwan	Goriyakothi	Kaladumra, Karpaliya	Paddy, wheat, Mustard & Rapeseed , Maize, Pigeon pea, Moong bean	Low Productivity Traditional Variety Low use of RCTs	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package. RCTs like DSR, Zero tillage , mechanization etc.
5.	Siwan	Barharia	Malik tola, Hariharpur	Paddy, Wheat, Mustard & Rapeseed , Maize, Pigeon pea, Moong bean	Low Productivity Traditional Variety Low use of RCTs	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package. RCTs like DSR, Zero tillage, mechanization etc.
6.	Siwan	Daraundha	Ramgarh	Paddy, wheat, Mustard & Rapeseed , Maize, Pigeon pea, Moong bean	Low Productivity Traditional Variety Low use of RCTs	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package. RCTs like DSR, Zero tillage, mechanization etc.
7.	Siwan	Maharajganj	Sikatiya	Paddy, wheat, Mustard & Rapeseed , Maize, Pigeon pea, Moong bean	Low Productivity Traditional Variety Low use of RCTs	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package. RCTs like DSR, Zero tillage , mechanization etc.
8.	Siwan	Zeeradei	Zeeradei	Mustard & Rapeseed, Lentil, Field pea, Gram	Irrigation, quality seed low productivity	Diversification of crops, formation of FPO, Providing assured community irrigation
9.	Siwan	Bhagwanpur Hat	Shankarpur	Paddy, wheat, Mustard & Rapeseed , Maize, Pigeon pea, Moong bean	Low Productivity Traditional Variety Low use of RCTs	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package.
10	Siwan	Bhagwanpur Hat	Mirjumla	Paddy, wheat, Mustard & Rapeseed, Maize, Pigeon pea, Moong bean	Low Productivity Traditional Variety Low use of RCTs	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package. Formation of FPO.

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

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

Name of village	Block	Action taken for development
Name of village	Block	
Chorauli	Bhagwanpur hat	Training, Scientists visit to farmers fields, OFT, FLD,
Malik Tola	Barhariya	Cluster FLD, Exposure visit to Kisan Mela Pusa, Field
Saipura	Goriyakothi	day
Kumkumpur	Basantpur	
Bhopatpur Bhartiya	Lakrinabiganj	
Kala Dumra	Goreyakothi	
Saidpura	Goreyakothi	
Ganpaliya	Darauli	
Mirjumla	Bhagwanpur hat	
BarkaGaon	Bhagwanpur hat	
Sikatia	Maharajganj]
Ramgadha	Daraundha	

3. <u>TECHNICAL ACHIEVEMENTS</u>

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

			OF	Т								FLD																	
	No. of technologies tested:								No. of technologies demonstrated:																				
Number of OFTs Number of farmers										Numl	Number of FLDs Number of farmers																		
	A altionantan	Target	Target	Target	Target	Target	Target	The second se				Ac	hieve	ement					A alti arrantar					Achi	iever	nent			
Target	Achievemen							SC		ST		Others			To	otal	Target	Achievemen	Target	S	С	S	Т	Others		Total		i	
_	l	_	Μ	F	Μ	F	Μ	F	Μ	F	Т		l		Μ	F	Μ	F	Μ	F	Μ	F	Т						
08	08	80	6	7	-	-	56	13	6 2	1 8	80	08	09	120	14	3 7	-	-	7 3	31	87	68	1 5 5						

	Training	Extension activities							
Number of Courses	Number of Participants	Number of activities	Number of participants						

																						1(
	Achievene					Ach	niever	nent									A	chieve	ement			
Target	Acmevenie	Target	S	C	S	Т	Oth	ners		Tota	1	Target	Achievement	Target	S	С	ST	Ot	hers	,	Total	I
	III		Μ	F	Μ	F	Μ	F	Μ	F	Т				Μ	F	M F	M	F	Μ	F	Т
140	129	4300										20	20	500	2	4		26	21	2	2	5
			34	49			19	10	23	14	37					4		20	21 7	8	5	4
			2	4			42	18	40	46	95				1	4		0	/	1	1	2

	Impact of capacity building											Impact of Extension activities									
Number o tra	f Participants ained	Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)							Number of atte	f Participants ended	Nu	Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)					elf/				
Torgot	Ashiayamant	S	С	S	Т	Oth	ners		Total		Torgot	Achievement	S	С	S	Т	Oth	ners		Total	
Target	Achievement	Μ	F	Μ	F	Μ	F	Μ	F	Т	Target	Acmevement	Μ	F	Μ	F	Μ	F	Μ	F	Т
6	5	2	1	0	0	36	7	38	8	46	500	540	02	0	0	0	17	04	19	04	23

Seed production	(q)		Planting mat	erial (in Lakh)	
Target (Crop and variety)	Achievement (q)	Sold (q)	Target (crop and	Achievement	Sold (number)
			variety)		
Wheat (F/S) -DBW-316	177.0	177.0	Cauliflower-HYV	675	675
Paddy (F/S) -Rajendra Bhagwati	99.44	99.44	Cabbage-HYV	535	535
Mustard (T/L) -R-Suflam	9.54	9.54	Tomato-HYV	22350	22350
Moong (F/S)-Virat	3.0	3.0	Brinjal-HYV	32867	32867
Potato (C/S)-K-Sinduri	61.0	61.0	Chilli-HYV	32250	32250
			Bitter gourd -HYV	2606	2606
			Butter gourd -HYV	5629	5629
			Sponge gourd -HYV	5797	5797
			Mango-HYV	720	720
			Guava-HYV	789	789
			Papaya-HYV	3442	3442
			Litchi -HYV	580	580

Livestock strains (in no's) and fis	sh fingerlings produced (in lakh)*	Soil, water, plant, manures samples tested (in lakh)						
Target	Achievement	Target	Achievement					
-	-	500	503					

* Give no. only in case of fish fingerlings

3.2 ACHIEVEMENTS ON TECHNOLOGIES ASSESSED AND REFINED (OFT)

3.2. 1 Technology Assessed by KVK (Discipline wise)

	Technologies assessed under various crops			
Α	(Cereal Crop Production)	Number of the technologies		No. of Locations
	Thematic areas	(Technology Interventions)	No. of trials	
1	Integrated Nutrient Management			
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management			
5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises			
7	Weed Management	3	10	10
8	Resource Conservation Technology			
9	Farm Machineries			
10	Integrated Farming System			
11	Seed / Plant production			
12	Post Harvest Technology / Value addition			
13	Drudgery Reduction			
14	Storage Technique			
15	Others (Pl. specify)			
16	Cropping Systems			
17	Farm Mechanization	6	20	20
18	Others			
	Total	9	30	30
В	Technologies assessed under various crops (Hort crops)			

				12
		Number of the technologies		No. of Locations
	Thematic areas	(Technology Interventions)	No. of trials	
1	Integrated Nutrient Management			
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management			
5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology	3	7	7
9	Post-harvest Technology / Value addition			
10	Others if any specify			
	Total	3	7	7
	Technologies assessed under livestock &			
С	Fisheries by KVKs			
		No. of technologies		
	Thematic areas	(Technology Interventions)	No. of trials	No. of locations
1	Disease & Health Management			
2	Breeding management/Evaluation of Breeds			
3	Feed and Fodder management			
4	Nutrition Management			
5	Production and Management			
6	Processing and Value addition	10	22	11
7	Fisheries management			
8	Others (waste, ITK etc)			
	Total	10	22	11
	Technologies assessed under miscellaneous			
D	enterprises by KVKs			
		No. of technologies		
	Thematic areas	(Technology Interventions)	No. of trials	No. of locations
1	Drudgery reduction			
2	Entrepreneurship Development			
3	Health and nutrition			

				13
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
	Technologies assessed under various			
Ε	enterprises for women empowerment			
		No. of technologies (Technology		
	Thematic areas	Interventions)	No. of trials	No. of locations
1	Drudgery Reduction	03	7	3
2	Entrepreneurship Development			
3	Health and Nutrition			
4	Value Addition			
5	Others			
	Total	03	7	3

3.2.2 OFT (All discipline)

OFT-1 Soil Science

- Thematic area: Weed Management
- Problem definition/Name of OFT:

1.	Title of On farm Trial (OFT)	Weed management in wheat
2.	Problem diagnosed	Low yield of Wheat
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Sulfosulfuron 75% WG @ 25 g ha ⁻¹ (30-35 DAS) TO1: Metribuzine 70% WP (250 g ha ⁻¹) + Carfentrazone-ethyl 40 % DF (50 g ha ⁻¹) (30-35 DAS)
		TO2: Sulfosulfuron 75% + Metsulfuron 5% WG @ 40 g ha ⁻¹ (30-35 DAS)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Directorate of Weed Research, Jabalpur (2019)
5.	Production system and thematic area	Crop Production System & Weed Management
6.	Performance of the Technology with performance indicators	 Technical indicator (Weed density/sq. m (30, 40 & 60 DAS), No. of tillers per plant, Test weight, grains per panicle, Yield (Q/ha)) Economic indicator (Cost of cultivation, Gross return, Net return, B:C ratio) Farmer perception
7.	Final recommendation for micro level situation	Result awaited
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.

Thematic area	Technology options with detailed treatments	Area (ha in crop Fodder)/ Nos (ir Proposed	o & 1 livestock) Actual	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio

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

OFT-2 Agricultural Engineering

- Thematic area: Resource Conventional Technology
- 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	Crop Residue and Delay in Sowing of wheat
3.	Details of technologies selected for assessment/refinement	FP: Broadcasting (in tilled condition)
	(Mention either Assessed or Refined)	
		TO1: Removal of crop residue and sowing by zero till drill
		TO2: Sowing of wheat by Happy seeder incorporating the crop residue
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	PAU Ludhiana and Dr RPCAU, Pusa
5.	Production system and thematic area	Resource Conventional Technology
6.	Performance of the Technology with performance indicators	The findings of the trial revealed that TO2, which utilized the Happy
		Seeder, exhibited the highest yield of 38.90 q/ha, surpassing both FP and
		TO1. Moreover, TO2 demonstrated the highest gross return of Rs. 85,580
		and net return of Rs. 51,700.00 with a notably favorable benefit-cost ratio
		of 2.52. Despite the requirement of a high-powered tractor (45-55 hp),
		farmers expressed a willingness to adopt this technology.
7.	Final recommendation for micro level situation	Happy seeder is most appropriate for leftover field with rice stubbles
8.	Constraints identified and feedback for research	Availability of Happy Seeder, Knowledge Gap, Maintenance & serving
		of zero tillage and happy seeder machine
9.	Process of farmers participation and their reaction	Face to face interaction with farmers.
	•	

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

Thematic area	Technology options with detailed	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield	Cost of cultivation	Gross return (Rs/ha)	Net return	BC ratio
	treatments	Proposed	Actual	(q/ha)	(Rs./ha)		(Rs./ha)	
Resource	FP: Broadcasting (in			33.12	34,890	72,864	37,974	2.09
Conventional	tilled condition)							
Technology	TO1: Removal of crop			35.25	32,550	77,550	45,000	2.38
	residue and sowing by							
	Zero Till drill	7	7					
	TO2: Sowing of wheat			38.90	33,880	85,580	51,700	2.52
	by Happy Seeder							
	incorporating the crop							
	residue							

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



OFT-3 Agricultural Engineering

- Thematic area: Food Processing and Preservation
- Problem definition/Name of OFT: Assessment of different packaging materials on the shelf life of solar dried oyster mushroom

1.	Title of On farm Trial (OFT)	Assessment of different packaging materials on the shelf life of
		solar dried oyster mushroom
2.	Problem diagnosed	Highly perishable ,Enzymatic browning ,Oxidative
		deterioration, Shelf life is very low
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Washed in plain water and dried under sunlight
		TO1: [Suitable Punnet wash in plain water, pre-treatment with
		0.05 % KMS and solar dried]
		TO2: [LDPE bag (40-60 micron/100-150 gauge) wash in plain
		water, pre-treatment with 0.05 % KMS and solar dried]
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Dr RPCAU, Pusa
5.	Production system and thematic area	Food Processing and Preservation
6.	Performance of the Technology with performance indicators	In the evaluation of rehydration ratio, color, and overall acceptability of dried produce, seven trials were conducted for each technology option. The Farmers Practices (FP) involved sun-drying without packaging, yielding a rehydration ratio ranging from 2.21 to 2.86 and color scores decreasing from 6.4 to 5.9 over 90 days. TO-1, utilizing punnet wash and 0.05% KMS pre-treatment, exhibited improved rehydration ratios (3.09 to 3.63) and color scores (6.2 to 7.7). TO-2, employing LDPE bag and the same pre-treatment, showed even higher rehydration ratios (3.56 to 3.81) and superior color scores (7.6 to 8.4). Overall acceptability increased for both TO-1 and TO-2, emphasizing the efficacy of improved packaging and pre-treatment methods.
7.	Final recommendation for micro level situation	Drying in solar dryer and packaging in LDPE bags are most cost effective
8.	Constraints identified and feedback for research	Farmers are complaining about shelf life of the mushroom. They are taking their product to the market and within few days product quality was not acceptable and also in peak season supply is more than demand. Low demand of dried product.
9.	Process of farmers participation and their reaction	Farmers interaction, data collection, feedback

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

	Rehydra	tion Ratio)		Colour	Colour				Overall acceptability		
	0	30	60	90	0	30	60	90	0	30	60	90
Technology option		days	days				days	days	days	days	days	days
	days			days	days	days						
Farmers Practices: No packaging and dried under sunlight	2.86	2.64	2.43	2.21	6.4	6.1	5.9	5.8	6.9	6.6	6.3	6.1
TO-1 [Suitable Punnet wash in plain water, pre-treatment with 0.05 % KMS and solar dried]	3.63	3.58	3.41	3.09	7.7	7.1	6.8	6.2	7.8	7.4	7.1	6.9
TO-2 [LDPE bag (40-60 micron/100-150 gauge) wash in plain water, pre-treatment with 0.05 % KMS) and solar dried]	3.81	3.77	3.62	3.56	8.4	8.1	7.8	7.6	8.6	8.1	7.9	7.6
SEM	0.048	0.027	0.049	0.044	0.274	0.282	0.324	0.263	0.184	0.217	0.309	0.255
CD (0.05)	0.150	0.085	0.154	0.138	0.852	0.878	1.009	0.820	0.575	0.676	0.963	0.794



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

OFT-4 Agricultural Engineering

- Thematic area: Farm Mechanization
- Problem definition/Name of OFT: Assessment of different planting techniques of Maize

1.	Title of On farm Trial (OFT)	Assessment of different planting techniques of Maize
2.	Problem diagnosed	Input cost increases due to higher cultivation expenses,
	č	Tedious operation specially for farm women
3.	Details of technologies selected for assessment/refinement	FP: Manual Planting
	(Mention either Assessed or Refined)	
		TO1: Manual Dibbler (Vertical)
		TO2: Manual Rotary Dibbler
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CIAE Bhopal
5.	Production system and thematic area	Farm Mechanization
6.	Performance of the Technology with performance indicators	i)Technical indicator (Theoretical field capacity (ha/hr), Actual
		field capacity (ha/hr), Field efficiency %, Germination %, Yield
		(Q/ha)
		ii) Economic indicator (Cost of cultivation, Gross return, Net
		return, B:C ratio)
		iii)Former percention
7	Einstructure dotion for mission local situation	Desult susited
7.		Kesun awaned
8.	Constraints identified and feedback for research	
5.		
9.	Process of farmers participation and their reaction	

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

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

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

OFT-5 Agricultural Engineering

- Thematic area: Farm Mechanization
- Problem definition/Name of OFT: A Assessment of yield and economics of wheat using different sowing implements

1.	Title of On farm Trial (OFT)	Assessment of yield and economics of wheat using different sowing implements
2.	Problem diagnosed	Lesser window available for preparation of land in wheat sowing due to higher moisture in field and retaining of residues of previous crop
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Sowing of wheat manually (Broadcasting method)TO1: Sowing of wheat using Happy SeederTO2: Sowing of wheat using Super Seeder
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	PAU Ludhiana
5.	Production system and thematic area	Farm Mechanization
6.	Performance of the Technology with performance indicators	Field Capacity (ha/hr), Field Efficiency (%), Germination %, Yield (q/ha), Straw Yield(q/ha) ,Economic feasibility (BC ratio)
7.	Final recommendation for micro level situation	Result awaited
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.

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

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

OFT (Home Science) OFT-6

- Thematic area: Value addtion
- Problem definition/Name of OFT: Assessment of preparation method of Litchi Squash

1.	Title of On farm Trial (OFT)	Assessment of preparation method of Litchi Squash								
2.	Problem diagnosed	Spoilage of raw litchi (Preservation of Litchi Squash by								
		traditional methods)								
3.	Details of technologies selected for assessment/refinement	Farmer Practice: Sell fruits to processors at very low or throw								
	(Mention either Assessed or Refined)	away price								
		TO1: Formulation - ingredients (Product specifications) Litchi								
		pulp: 25%, TSS:40°B, Acidity:0.8%, 350 ppm SO2								
		TO _{2:} Formulation - ingredients (Product specifications) Litchi								
		pulp: 25%, TSS:45°B, Acidity:1.2%, 350 ppm SO2								
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	N.R.C. Litchi, Muzffarpur, Bihar								
5.	Production system and thematic area	Value addition								
6.	Performance of the Technology with performance indicators	Parameters Unit Stage for recorded of								
		observation								
		Sensory 9 point At the time of								
		evaluation hedonic scale preparation of Litchi								
		squash								

		Shelf - life	Days (0-75)	After preparation of Litchi squash
7.	Final recommendation for micro level situation	This OFT to insure y reduce huge post-ha needs to be developed into products particu by a medium level e by getting tasty ar Considering all thes out to standardize th and shelf life	ear round availab rear round availab rear and promoted alarly squash. This ntrepreneur and cond nutritious drives facts the preses and recipe of litch	bility of litchi products and ble processing technology to transform raw materials is product can be prepared consumer can be benefited ink throughout the year. ant study has been carried i squash for better quality

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

	Results and findings													
Treatments	Sensory e	evaluation (C	Out of 09 poi	nt hedonic so	cale)	Shelf life	(Days)							
	Taste	Texture	Colour	Flavour	Overall	0	15	30	45	60	75			
					acceptability									
Farmers	-	-	-	-	-	-	-	-	-	-				
practice														
T1:	8.1	7.7	7.5	8.3	7.8	Good	Good	Good	Good	Good	Slightly			
Formulation –											taste			
ingredients:											change			
Litchi pulp:														
25%, TSS:40°B,														
Acidity:0.8%,														
350 ppm SO2														
T2:Formulation	8.5	7.8	7.9	8.2	8.4	Good	Good	Good	Good	Good	Good			
- ingredients														
:Litchi pulp:														
25%, TSS:45°B,														
Acidity:1.2%,														
350 ppm SO2														
Findings: The taste	and keeping	g quality of te	chnology op	tion Two is be	etter than technology	option One.	. T1 & T2	is better that	an farmers	practice.				
Recommendation:	This OFT to	o insure year-	round availa	bility of litchi	products and reduce	huge post-	harvest los	ses, viable	processing	technolog	y needs to			
be developed and promoted to transform raw materials into products particularly squash. This product can be prepared by a medium level entrepreneur and														
consumer can be be	nefited by g	getting tasty a	and nutritiou	s drink throug	ghout the year. Cons	idering all	these facts	the presen	it study has	been carr	ried out to			
standardize the recip	e of litchi s	quash for bett	er quality an	d shelf life.										

Action photographs



OFT-7

- Thematic area: Value addition
- Problem definition/Name of OFT: Assessment of developed Ragi Wheat Composite Laddoo enriched with Drumstick (*Moringa olefera*) leaves for reproductive age Women

1.	Title of On farm Trial (OFT)	Assessment of developed Ragi - Wheat Composite Laddoo enriched with Drumstick (<i>Moringa olefera</i>) leaves for reproductive age Women								
2.	Problem diagnosed	Lack of knowledge about nutritional value of Moringa leaves and malted Ragi –wheat flour								
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer Practice : Use of Ragi and wheat as a flour and none of the use of Moringa leaves								
		TO₁ : Formulation – 95% malted Ragi-wheat flour mix, 5%								
		drumstick leaves powder, Ghee 10% and Sugar 15%								
		TO ₂ : 90 % malted Ragi-wheat flour mix, 10 % drumstick								
		leaves powder, Ghee 10% and Sugar 20%								
		TO_{3:} 85 % malted Ragi-wheat flour mix, 15 % drumstick leaves powder. Ghee 10% and Sugar 20%								
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Department of Food Biotechnology, Faculty of Agriculture and Veterinary Science, Jyoti Vidyapeeth Women's University, Jaipur, Rajasthan								
5.	Production system and thematic area	Value addition								
6.	Performance of the Technology with performance indicators	ParametersUnitStage for recorded of observation								
		Sensory evaluation9 hedonic scaleAfter preparation of Laddoo								
		Shelf - lifeDays (0-54)After preparation of Laddoo								
7.	Final recommendation for micro level situation	This OFT is a part of the effort to provide home-based value added supplementary foods that can be more nutritious to the reproductive age women.								

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

				R	esults and findings						
Treatments	Sensory	evaluation (Out of 09 po	int hedonic s	cale)	Shelf lif	fe (Days)				
	Taste	Texture	Colour	Flavour	Overall acceptability	0	15	30	45	60	75
Farmers practice	-	-	-	-	-	-	-	-	-	-	
T1:95%maltedRagi-wheatflourmix,5%drumstickleavespowder,Ghee10%Sugar15%	8.2	7.7	7.5	8.2	7.8	Good	Good	Good	Good	Good	Good
Jugar 15 /0F2:90 %nalted Ragi-wheat flournix, 10 %drumstickleaves powder,Ghee 10% andSugar 20%	8.1	7.7	7.8	8.1	7.4	Good	Good	Good	Good	Good	Slightly changes in taste
3: 85 % nalted Ragi- vheat flour nix, 15 % lrumstick eaves powder, Shee 10% and Sugar 20%	8	7.2	7.4	7.8	7	Good	Good	Good	Good	Good	Some spoilage comes out
Findings: The tast armers practice.	e and keepi	ing quality of	technology o	ption one (T1) is better than techn	ology option	n two (T2)	and three(T	T3). T1, T2	and T3 is l	better than

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

Action photographs





Findings: The taste and keeping quality of technology option one (T1) is better than technology option two (T2) and three(T3). T1, T2 and T3 is better than farmers practice.

Recommendation: This OFT is a part of the effort to provide home-based value added supplementary foods that can be more nutritious to the reproductive age women.

OFT-8

- Thematic area: Ergonomics problem and Drudgery reduction
- Problem definition/Name of OFT: Assessment of Revolving Milking Stool and Stand for Milking activities in Animal Husbandry

1.	Title of On farm Trial (OFT)	Assessment of Revolving Animal Husbandry	Milking Stool and Stand	for Milking activities in
2.	Problem diagnosed	Different Ergonomics pro Milking activities	blem faced by Animal Hu	sbandry workers in
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer Practice: Trad TO ₁ : Revolving Milking TO ₂ : Milking Stand wit	itional bucket Stool and Stand h Stool	
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP, FRM, College of AICRP, FRM, College of	Home Science, VNMKV Home Science, MPUAT,	, Parbhani, Maharashtra Udaipur, Rajasthan)
5.	Production system and thematic area	Value addition		
6.	Performance of the Technology with performance indicators	Parameters• Musculoskelet al Problems & disorders• Overall discomfort rating• Rate Perceived Exertion• Acceptability	 Unit Intensity of pain (Body Map) Body Discomfort score Borg RPE scale Acceptability Scale 	Stage for recorded of observation • After cleaning of shed • After cleaning of shed • After cleaning of shed • After cleaning of shed

Technology	ODR	MSP	RPE
FP: Traditional bucket	8.3	Severe pain in Heavy shoulders, upper back, hands and fingers	Heavy
TO1: Revolving Milking Stool and Stand	4.1	Moderate to light Moderate pain in shoulder, hands and arms.	Moderate
TO2: Milking Stand with Stool	4.8	Moderate to light Moderate pain in shoulder, hands and arms.	Moderate
ODR=Mean value of overall discomfo	rt rating		
MSP=Musculo-skeletal problem			
RPE=Rating of perceived exertion			

Table 2: Perception and acceptability of Revolving Milking stand and Stool by farmers for Milking activity

Technology	Perception		Acceptability		
	Blood Pre Hg)	essure (mm	Heart beat	/ minute	
	Before starting of work	After completion of work	Before starting of work	After completion of work	
FP	120/80	120/85	73	77	Not Accepted
TO ₁	120/80	120/83	73 75		Moderately Accepted
	120/80	120/82	73	74	Highly accepted

Action photographs



3.3 ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS (FLD)

A. Overall achievements of FLDs conducted during the year 2024

S.No	Crop category	No. of FLD	Area (ha)	No of beneficiaries	Yield in Demo	Yield in check
1.	Cereals	02	9	33		(q / n <i>a</i>)
2.	Oil Seed		-			
3.	Pulses					
4.	Horticulture Crops					
5.	Other crops					
6.	Hybrid crop					
7.	Livestock					
8.	Fisheries					
9.	Other enterprises					
10.	Women empowerment					
11.	Farm Machinery					
	Grand Total					

B. Details of FLDs conducted during the year 2024

1. Cereals

Cron	Thematic	Name of the technology	No. of	Area	rea Yield (q/ha)		q/ha) %		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
Стор	Area	demonstrated	Farmers	(ha)	Demo	Check	Increase	Gross	Gross	Net	**	Gross	Gross	Net	**	
		demonstrated			Demo	CHEEK		Cost	Return	Return	BCR	Cost	Return	Return	BCR	
Wheat	HYV	HD 2967	8	4.0	43.1	34.7	24.21	39,508	94,820	55,312	2.40	40180	76340	36160	1.90	
Mustard	HYV	R. Suflam	25	5.0	16.1	11.6	38.79	25,200	78,940	53,740	3.13	20600	51800	31200	2.52	
Total			33	9.0												

2. Oilseeds

Crop	Thematic	Name of the	No. of	Area	Area Yield (q/ha)		%	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
Стор	Area	demonstrated	Farmers	(ha)	Demo Check	Increase	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	Name of the	No. of	Area	rea Yield (q/ha)		na) %		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
Стор	Area	demonstrated	Farmers	(ha)	Demo	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.

Cron	Thematic	Name of the	No. of	Area	Yield	(q/ha)	%	*Ecor	omics of (Rs.	demonstr /ha)	ration	*I	Economic (Rs.	s of chec /ha)	:k
Crop	Area	demonstrated	Farmers	(ha)	Demo	Check	Increase	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
	Total														

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

5. Other crops

Crear	Thematic	Name of the	No. of	Area	Yield (q/ha)	% change	Ot paran	her neters	*Econ	omics of (Rs.	demonstr /ha)	ration	*E	Economic (Rs.	s of chec /ha)	k
Crop	area	demonstrated	Farmer	(ha)	Demons ration	Check	in yield	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	Nome of the	No. of	A #200	Yield (kg/	/ha) / major	parameter		Economic	s (Rs./ha)	
Crop	Hybrid	Farmers	(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										

<u> </u>	1	1			1	1	1		-	1
Tomato										
Brinjal	Kashi Sandesh	16	1	50280	34620	45.23	94334	502800	408466	5.33
Tomato	Kashi Aman	17	2	52680	36450	44.53	84457	421440	336983	4.99
Potato	Kufri Sindhuri	5	0.2	30860	28000	10.21	113248	370320	257072	3.27
Okra	Emamectin benzoate	10	1.0	13400	12100	17.69	50190	134000	83810	2.67
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		48								

* 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

Categor	Themati	Name of the technology	No. of	No. of	Major paramet	ters	% change	Other paramet	er	*Econ (Rs.)	omics of	demonstr	ation	*Econ (Rs.)	omics of	check	
y	area	demonstrat ed	r	unit s	Demon s	Chec	paramete	Demon s	Chec	Gros s	Gross Retur	Net Retur	** BC	Gros s	Gross Retur	Net Retur	** BC
					ration	K	r	ration	K	Cost	n	n	R	Cost	n	n	R
Dairy																	

Cow									
Buffalo									
Poultry									
Rabbitr y									
Piggery									
Sheep and goat									
Ducker y									
Others (Pl. specify)									
Total						 			

8. Fisheries

Cotogomy	Thematic	Name of the	No. of	No.	Major paramete	ers	% change	Other paramete	er	*Econd (Rs.)	omics of d	emonstrat	tion	*Econo (Rs.)	omics of cl	heck	
Common	area	demonstrated	Farmer	units	Demons ration	Check	parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	

															36)
Others																
(pl specify)																
	Total															
* Economics to h	* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone															

* 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

	Name of the	No. of	No.of	Maj param	or eters	% change	Other par	rameter	*Ecor	omics of (Rs.) or	demonsti Rs./unit	ation	*E	Economic (Rs.) or	s of chec Rs./unit	k
Category	demonstrated	Farmer	units	Demons ration	Check	n major parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development	10		170	154	20.78	-	-	-	-		-	-	-	-	-
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																
	Total															

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

** BCR= GROSS RETURN/GROSS COST

10. Women empowerment

Name of technology	No. of demonstrations	Name of technology	Observat	tions	No. of Beneficiaries
			Check	Demonstration	
Women					
			Time, energy, efficiency and safety	Vegetable transplanter-	14
		Dung collector and vegetable		CIAE, Bhopal	
Drudgery Reduction	2	transplanter		and Dung	
					37
----------------------	---	--------------------------------	---------------------	------------	----
				collector-	
				GBPUAT,	
				Pantnagar	
Enterprises					
Farming System					
Health and nutrition					
			Yield and Nutrition	Vegetable	50
Kitchen Garden	1	Vegetable seeds kit from NHRDF		seeds kit	
Nutrigarden					
Storage Technique					
Value addition					
Women Empowerment					
Others					
Total - Women					
Children					
Health and nutrition					
Others					
Total - Children					
Other if any					
Total others					
Grand Total	3				64

11. Farm implements and machinery

Category	No. of FLDs	Name of the implement	Сгор	No. of Farmer	Area (ha)	Filed obser (output/mat	vation n hour)	% change in major parameter	Labor reduction (man days)	Cost reduction (Rs./ha or Rs./Unit)
						Demons ration	Check			
Sowing and planting tools and machineries	01	Raise bed Planter	Maize	15	6	4	35		6000	14000

									38
Sowing and planting tools and	01	Potato Planter	Potato						
machineries				20	4	14	83	12500	27000
Harvesting tools									
and machineries									
Others									
Total	02			35	10				

* 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	05.02.2024 23.02.2024	1 1	40 34	
2.	Farmers Training	11.01.2024 05/03/2024 22/03/2024	1 1 1	14 24 50	
3.	Media coverage	-	-	-	
4.	Training for extension functionaries	-	-	-	

Technical Feedback on the demonstrated technologies (if any)

Sl. No	Crop	Feed Back
-	-	-

S.	Crop season	Name of crop	Area	Number	Detail of technology	Detail of existing	Yield	Yield ob	otained in d	emonstration	Yi	ield gap (K	g/ha)	Yield	gap minim	nized
No.		demonstrated	(ha)	of farmers	demonstrated	farmer practice	(q/ha) in		(q/ha)	1		w.r.to			(%)	
							farmer				District	State	Detential	-		
							field				viold (D)	state	rotential viold (P)			
								Max.	Min.	Av.	yield (D)	(S)	yielu (r)	D	S	Р
1.	Rabi, 2023	Lentil	20	59	Improved Variety, INM, IPM	Old variety,	10.7	16.4	14.8	15.6	12.09	9.33	20.0	29.0	67.20	-22.0
						Broadcasting										
						sowing,										
2.	Rabi ,2023	Mustard	60	191	Improved variety, S @ 20 kg/ha,	farmers practise	11.6	18.4	13.8	16.1	13.93	11.87	25	15.6	35.64	-35.6
					B @ 10 kg/ha											
3.	Rabi, 2023	Linseed	10	30	Improved variety, Variety, S @ 20	Desi Seed,	10.2	13.8	11.1	12.45	10	14.27	15.5	24.5	-12.75	-19.7
					kg/na, B @ 10 kg/na	Conventional										
						practices										
4.	Summer,	Sunflower	10	30	KBSH-78, S @ 20 kg/ha	Local variety,	12.7	17.6	14.1	15.85	13.0	14.22	25.36	21.9	11.46	-37.5
	2024					Injudicious										
						application of										
						Tertifizers										
5.	Summer,	Sesame	10	30	GT-6+ S@ 20kg/ha	local variety,	4.2	5.7	4.5	5.1	4.2	4.3	10.0	21.4	18.60	-49.0
	2024					injudicious use of										
						fertilizers										
6	Rabi 2024	Mustard	200	500	HVV seed treatment with	Hybrid Variety	Standing			Standing		<u> </u>			_	<u> </u>
0.	1(001,2024	mustaru	200	500	Biofertilizer Insecticide	Conventional	Crop			Crop	-		-			
					Fungicide Sulphur	Practices	crop			Стор						

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

(During Kharif, Rabi and Summer)

1. Technical Parameters:

2. Economic parameters

S.	Detail of technology demonstrated	F	armer's existing	g practice		I	Demonstration t	echnology		Additional
No.		Gross Cost	Gross return	Net Return	B:C	Gross Cost	Gross return	Net Return	B:C	Income
		(Rs/ha)	(Rs/ha)	(Rs/ha)	ratio	(Rs/ha)	(Rs/ha)	(Rs/ha)	ratio	(Rs/ha)
1.	Improved Variety (IPL-220), INM, IPM	17100	36170	19070	2.11	20800	52728	31928	2.54	12858
2.	Improved variety(R.Suflam), S @ 20	20600	51800	31200	2.52	25200	78940	53740	3.13	22540
	kg/ha, B @ 10 kg/ha									

										40
3.	Improved variety (S.TISI-1), Variety,S @	14200	29400	16200	2.07	16800	37900	21100	2.25	4900
	20 kg/ha, B @ 10 kg/ha									
4.	KBSH-78, S @ 20 kg/ha	32300	77650	45350	2.40	38800	95700	56900	2.47	11550
5.	GT-6+ S@ 20kg/ha	17601	26267	19576	2.05	10749	44029	24200	2.22	5715
		17091	50207	18570	2.05	19/48	44058	24290	2.25	
6.	HYV(R.Suflam-1), seed treatment with	Ongoing				Ongoing				
	Bio-fertilizer, Insecticide, Fungicide									
	Sulphur									

3. Socio-economic impact parameters

S.	Name of crop	Total produce	Produce sold	Selling	Produce	Produce distributed	Purpose for which	Employment
No.	demonstrated	obtained (kg)	(Kg/household)	Rate	used for	to other farmers	income gained was	Generated
				(Rs/Kg)	own their	(Kg)	utilized	(Mandays/house
					own farm			hold)
					(Kg)			
1.	Lentil	1560	1500	33.80	40	20	livelihood, education	68
							and social status	
2.	Mustard	1610	1580	60	20	10	livelihood, education	75
							and social status	
3.	Linseed	1245	1230	55	15	0	livelihood, education and social status	70
4.	Sunflower	1585	1500	61	60	25	livelihood, education and social status	65
5.	Sesame	510	450	86.36	40	20	livelihood, education	65
					-		and social status	
6.	Mustard (Rabi-2024)	Ongoing	-	-	-	-	-	-

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

S. Farmers Perception parameters

								4
No.	Detail of technologies	Suitability	Likings	Affordability	Any	Is Technology	Suggestions, for	Farmer
	demonstrated	of	(Preference)	(%)	negative	acceptable to all	change/improvement, if	feedback
		technology			effect	in the	any	
		to their				group/village		
		farming						
		system						
1.	Improved Variety(IPL- 220), INM, IPM	Yes	Highly preferred	80	No	Yes	None	Good
2.	Improved	Yes	Highly	90	No	Yes	None	Good
	variety(R.Suflam), S @		preferred					
	20 kg/ha, B @ 10 kg/ha							
3.	Improved variety (S.TISI-	Yes	Preferred	80	No	Yes	None	Good
	1), Variety,S @ 20							
	kg/ha, B @ 10 kg/ha							
4.	KBSH-78, S @ 20 kg/ha	Yes	Preferred	75	No	Yes	None	Good
5.	GT-6+ S@ 20kg/ha	Yes	Preferred	80	No	Yes	None	Good
6.	HYV(R.Suflam-1), seed	Yes	Highly	90	No	Yes	None	Good
	treatment with		preterred					
	Biofertilizer, Insecticide,							
	Fungicide Sulphur							

C. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis	Farmers Feedback
		Local Check	
Improved variety, Seed	Good	Demo unit is good on local check	Positive response but Blue bull
treatment, INM and IPM		due to improved variety along	affects mostly pulse crop during
		with Package and practices	growth period.

D. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Training on Sesame	29.02.2024	25
2.	Training on Sunflower	05.03.2024	26
3.	Field Day on Mustard	29.01.2024	24
4.	Field Day on Mustard	02.02.2024	25
5.	Field Day on Lentil	06.02.2024	28
6.	Field Day on Linseed	23.02.2024	30
7.	Field Day on Sesame	22.05.2024	25
8.	Field Day on Sunflower	31.05.2024	32
9.	Training on Scientific Cultivation of Mustard	17.10.2024	32
10.	Training on Scientific Cultivation of Mustard	19.10.2024	43
11.	Training on INM of Mustard	13.12.2024	30

- 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	Area (ha) allotted	Area (ha) achieved	Budget Received as on 20.02.2025 (Rs.)	Budget Utilization as on 20.02.2025 (Rs.)	Balance as on 20.02.2025 (Rs.)
	i) Critical input	200	200		2,80,450.00	
	ii) Monitoring Distribution of Literarature and Field Day			8.37.500.00	28,124.00	
	iii) Training			0,07,000.00	24,150.00	4,73,876.00
	iv) Miscellaneous Expenditure				30,900.00	
	Total	200	200	8,37,500.00	3,63,624.00	4,73,876.00

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)

	N C			No.	of Par	ticipa	nts				C		3-4-1
Thematic Area	No. of		Other	r		SC			ST		G	rand I	otal
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
I. Crop Production													
Weed Management	1	4	21	25	5	3	8				9	24	33
Resource Conservation													
Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production	2	26	0	26	3	27	30				29	27	56
Nursery management													
Integrated Crop	1										14	4	18
Management		13	4	17	1	0	1						
Fodder production													
Production of organic inputs													
Crop Production	4	55	7	62	8	12	20				63	19	82
Integrated N Management	1	23	3	26	2	0	2				25	3	28
Natural Farming	1	34	0	34	6	0	6				40	0	40
II. Horticulture	_		, , , , , , , , , , , , , , , , , , ,				-					-	
a) Vegetable Crops													
Integrated nutrient													
management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume													
and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
(Green Houses, Shade Net													
etc.)													
Others, if any (Cultivation		38	14	52	16	2	18				44	16	70
of Vegetable)	6				10	_	10						
Training and pruning													
b) Fruits													
Layout and Management of	•										20	0	20
Orchards	2	15	0	15	5	0	5						
Cultivation of Fruit													
Management of young													
plants/orchards													
Rejuvenation of old						1		1			1	1	
orchards													
Export potential fruits											1		

				No.	of Par	ticipa	nts				G	1.07	
Thematic Area	No. of Courses		Other	ſ		SC			ST		Gr	and T	otal
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
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													
Others, if any													
d) Plantation arous													[
u) Flamation Crops													
Management technology													
Processing and value													
addition													
Others if any													
a) Tubor groups													
Production and													
Management technology													
Processing and value													
addition													
Others if any													
f) Spices													
Production and													
Management technology													
Processing and value													
addition													
Others, if any													
g) Medicinal and													
Aromatic Plants													
Nursery management													
Production and management													
technology													
Post-harvest technology and													
value addition													
Others, if any													
III. Soil Health and													
Fertility Management													
Soil fertility management													
Soil and Water													
Conservation													I
Integrated Nutrient													
Management													<u> </u>
Production and use of													
organic inputs													
Management of Problematic													
soils													l

				No.	of Par	ticina	nts						
Thematic Area	No. of		Othe	•		SC	105		ST		Gr	and T	otal
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Micro nutrient deficiency in													
crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production													
and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal													
products													
Others if any Goat farming								-					
V Home Science/Women													
w. Home Science/ women amnowerment													
Household food security by		22	122	156	1	50	51						
kitchen gerdening and	4	33	155	130	1	30	51				34	183	207
nutrition gardening	4										54	165	207
Design and development of													
Design and development of													
Designing and development													
for high putriant officiancy													
diat													
Minimization of nutrient													
loss in processing													
Gondor mainstreaming													
through SHGs													
Storage loss minimization													
storage loss minimization													
Entermise development													
Enterprise development	1												
Value addition	l	10	30	40	0	0	0				10	30	40
Income generation activities													
for empowerment of rural													
Women													
Location specific drudgery													
reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													J
Others, if any													J
VI. Agril. Engineering									L				ļ
Installation and maintenance													
of micro irrigation systems									L				
Use of Plastics in farming													
practices									L				
Production of small tools													
and implements													

	No. of			No.	of Par	ticipa	nts	-			C	ond T	otal
Thematic Area	Courses		Other	•		SC			ST		G	anu i	otai
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Τ	Μ	F	Т
Repair and maintenance of											168	42	210
farm machinery and	5												
implements		147	1/	164	21	25	46				10	4	
Small scale processing and	1	10	4	1.4	0	0	0				10	4	14
Value addition	2	10	4	14	U -	25	10				45	25	20
Fost-Halvest Technology	L	40	0	40	2	35	40				4J 51	55	80 51
Technological Interventions	1	45	0	45	6	0	6				51	0	51
Resource Conservation	5										158	99	257
Technologies	5	133	26	159	25	73	98						
VII. Plant Protection													
Integrated Pest Management	2	24	5	29	4	0	4				28	5	33
Integrated Disease	6		_								104	25	129
Management	-	91	7	98	13	18	31						
Bio-control of pests and													
diseases													
Production of bio control													
agents and bio pesticides	1	0	16	16	0	0	0				0	16	16
Mushroom Production	1	0	10	16	0	0	0				0	10	16
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery													
Com free and fin conline													
carp fry and fingering													
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													
Audition													
IV Droduction of Impute													
at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
210 formizer production	1							I			I	I	1

				No.	of Par	ticipa	nts					1.77	
Thematic Area	No. of		Other	r		SC			ST		Gi	and 1	otal
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
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	46	741	287	1018	121	245	366				852	532	1384

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

	No of			No.	of Pa	rticip	ants				Cm	and T	atal
Thematic Area			Other			SC			ST		Gra		Jiai
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Τ	Μ	F	Т
Mushroom Production	1	9	22	31	2	1	3				11	23	34
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of													
vegetable crops													
Commercial fruit production													
Repair and maintenance of farm	1										20	0	20
machinery and implements	1	14	0	14	6	0	6				20	0	
Nursery Management of	2										67	13	80
Horticulture crops	<i>L</i>	58	11	69	9	2	11				07	15	

	No. of			No.	of Pa	rticip	ants	-			Cr	and T	atal
Thematic Area	Courses		Other	-		SC			ST		GI		Jiai
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Training and pruning of													
orchards													
Value addition	5	27	102	129	6	33	39				33	135	168
Production of quality animal													
products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development	3	67	12	79	1	19	20				68	31	99
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	1	0	16	16	0	24	24				0	40	40
Natural Farming	4	86	22	108	26	26	52				112	48	160
TOTAL	17	261	185	446	50	105	155				311	290	601

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

	No. of			No.	of Pa	rticip	oants				Cm	and T	stal
Thematic Area	INO. 01		Other			SC			ST		Gra		Jiai
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Productivity enhancement in field													
crops													
Value addition													
Integrated Pest Management	2	55	13	68	8	5	13				63	18	81
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology	2	33	3	36	0	0	0				33	3	36
Formation and Management of													
SHGs													
Group Dynamics and farmers	1										7	0	
organization	1	6	0	6	1	0	1				7	0	7
Information networking among													
farmers													
Capacity building for ICT													
application													
Care and maintenance of farm	1										16	0	
machinery and implements	1	16	0	16	0	0	0				10	0	16

	N. C			No.	of Pa	rticip	ants				C	1.00	. 1
Thematic Area	No. of		Other			SC			ST		Gr	and I	otal
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder													
production													
Household food security	3	0	113	113	0	14	14				0	117	127
Women and Child care													
Low cost and nutrient efficient													
diet designing													
Production and use of organic													
inputs													
Gender mainstreaming through													
SHGs													
Value addition	1	30	6	36	3	11	14				33	17	50
TOTAL	10	140	135	275	12	30	42				152	155	317

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

	No. of			No.	of Pai	rticipa	nts				Cr	n band	otol
Thematic Area	NO. 01		Other	r		SC			ST		G	and I	otai
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Τ	Μ	F	Т
I. Crop Production													
Weed Management	1	16	0	16	2	0	2				18	0	18
Resource Conservation	6	55	64	110	52	26	79				107	00	107
Technologies	0	55	04	119	52	20	70				107	90	197
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Crop Production	13	169	47	216	17	51	68				186	98	284
Integrated Nutrient	3	35	10	45	6	2	8				41	12	53
Management		55	10	43	0	2	0						
Natural Farming	2	55	43	98	0	12	12				55	55	110
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and													
high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													

				No.	of Pa	rticina	nts						
Thematic Area	No. of		Othe	r		SC	1105		ST		Gr	and T	otal
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Protective cultivation (Green													
Houses, Shade Net etc.)													
Others, if any (Cultivation of	2	19	69	88	0	0	0				19	69	88
Vegetable)	2												
Training and pruning													
b) Fruits													
Layout and Management of	2	21	0	21	3	0	3				24	0	24
Orchards			Ŭ	21	5	Ŭ	5						
Cultivation of Fruit	1	54	9	63	5	2	7				59	11	70
Management of young													
plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of													
orcnards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental													
plants Dropogation techniques of													
Ormomental Plants													
Others if any													
d) Plantation grons													
Production and Management													
technology													
Processing and value addition													
Others if any													
e) Tuber crops													
Production and Management													
technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management													
technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic													
Plants													
Nursery management													
Production and management													
technology													
Post-harvest technology and													
value addition													
Others, if any													
III. Soil Health and Fertility													
Management													
Soil fertility management									<u> </u>	<u> </u>			
Soil and Water Conservation													

				No.	of Pai	rticipa	nts				~		
Thematic Area	No. of		Othe	r	<u> </u>	SC			ST		Gr	and T	'otal
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Integrated Nutrient													
Management													
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													
IV. Livestock Production and													
Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal													
products													
Others, if any Goat farming													
V. Home Science/Women													
empowerment													
Household food security by													
kitchen gardening and nutrition	4	50	61	111	2	0	2				52	61	113
gardening													
Design and development of													
low/minimum cost diet													
Designing and development for													
high nutrient efficiency diet													
Minimization of nutrient loss in													
processing													
Gender mainstreaming through		-			1		1				-	1	
SHGs													
Storage loss minimization													
techniques													
Enterprise development		-			1		1				-	1	
Value addition	4	4	33	46	21	12	33				25	45	79
Income generation activities for													
empowerment of rural Women													
Location specific drudgery													
reduction technologies													
Rural Crafts													
Capacity building													
Women and child care	1	0	63	63	0	3	3				66	0	66
Others, if any	-												
VI. Agril. Engineering													
Installation and maintenance of		-									12	0	12
micro irrigation systems	1	12	0	12	0	0	0				14		14
Use of Plastics in farming		14		12		0	0						
practices													
Practices	1				I		I	I	I				

				No.	of Par	ticipa	nts						
Thematic Area	No. of		Othe	r	01 1 41	SC			ST		Gr	and T	'otal
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Production of small tools and													
implements													
Repair and maintenance of											129	21	150
farm machinery and	4	108	16	114	21	5	26						
implements													
Small scale processing and	1	26	0	26	4	0	4				30	0	30
value addition	1	20	0	20	4	0	4						
Post-Harvest Technology													
Farm mechanization	1	15	8	23	0	0	0				15	8	23
VII. Plant Protection													
Integrated Pest Management	10	105	18	123	12	0	11				117	18	135
Integrated Disease	1										12	0	12
Management	1	12	0	12	0	0	0						
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 ovster 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		L									L	L	
Bio-fertilizer production												ļ	
Vermi-compost production							1						
Organic manures production													
Production of fry and													
fingerlings													
mgenngs		l											

	N C			No.	of Pa	rticipa	nts				C		- 4 - 1
Thematic Area	No. of		Othe	r		SC			ST		Gr	and I	otal
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Τ	Μ	F	Т
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	57	756	441	1196	145	113	257				967	488	1464

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

	No. of			No	. of P	artici	pants					ار بر میں آ	Ta4a1
Thematic Area	Course		Othe	r		SC			ST		C	Jrand	Total
	S	Μ	F	Т	Μ	F	Т	М	F	Т	Μ	F	Т
Mushroom Production	1	36	0	36	4	0	4				40	0	40
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs	1	30	0	30	10	0	10				40	0	40
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of													
vegetable crops													
Commercial fruit production													
Repair and maintenance of													
farm machinery and	1										26	0	
implements		26	0	26	0	0	0						26
Nursery Management of													
Horticulture crops													
Training and pruning of													
orchards													
Value addition													
Production of quality animal													
products													

	No. of			No	. of P	artici	pants					Frond	Total
Thematic Area	Course		Othe	r		SC			ST			Jianu	Total
	S	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing													
technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Natural Farming	6		10								104	13	
	0	92	5	197	12	31	43				104	6	240
TOTAL	9	18	10	289	26	3	5				210	13	346
		4	5			1	7					6	

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

	No. of			No	. of P	artici	pants				C	T have	a.4.a.1
Thematic Area	Course		Othe	r		SC			ST		Gr	and T	otai
	S	Μ	F	Т	М	F	Т	Μ	F	Т	Μ	F	Т
Productivity enhancement in field	1										10	0	
crops	1	10	0	10	0	0	0				10	0	10
Integrated Pest Management	2	51	0	51	2	0	2				53	0	53
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	2										55	0	
machinery and implements	2	49	0	49	6	0	6				55	0	55
WTO and IPR issues													
Management in farm animals													

	No. of			No	. of P	artici	pants				Gr	and To	ntal
Thematic Area	Course		Othe	r		SC			ST		01		Jul
	S	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Livestock feed and fodder production													
Household food security	2	10	25	35	1	4	5				11	29	40
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Designing and development for high nutrient efficiency diet	2	0	36	36	0	4	4				0	40	40
Value addition	1	0	21	21	0	6	6				0	27	27
TOTAL	10	12 0	82	202	9	1 4	2 3				129	96	225

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

	No. of			No	o. of I	Partici	pants				Gro	nd To	tol
Thematic Area	Course		Other			SC			ST		Gra	na ro	lai
	S	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
I. Crop Production													
Weed Management	2	20	21	41	7	3	10				27	24	51
Resource Conservation	6	55	61	110	50	26	70				107	00	19
Technologies	0	55	04	119	52	20	/0				107	90	7
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production	2	26	0	26	2	27	20				20	27	5
	2	20	0	20	5	27	50				29	21	6
Nursery management													
Integrated Crop Management	1	13	4	17	1	0	1				14	4	18
Fodder production													
Production of organic inputs													
Crop Production				27									3
	17	224	54	27	25	63	88				249	117	6
				ð									6
Integrated Nutrient Management	4	58	13	71	8	2	10				66	15	81
Natural Farming	2	80	13	122	6	12	18				05	55	15
	3	69	43	132	0	12	10				95	55	0
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													

	No. of			No	o. of I	Partici	oants				G	1 77	. 1
Thematic Area	Course		Other			SC			ST		Gra	nd To	tal
	S	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Skill development													
Yield increment													
Production of low volume and													
high value crops													
Off-season vegetables													
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green													
Houses, Shade Net etc.)													
Others, if any (Cultivation of	8	57	83	14	1	2	18				63	85	1
Vegetable)				0	6								5
													8
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of	4	26	0	26	0	0	0				4.4	0	4.4
Orchards	4	30	0	30	0	0	0				44	0	44
Cultivation of Fruit	1	54	9	63	5	2	7				59	11	7 0
Management of young													
plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of													
orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL													
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													
Processing and value addition													
Others, if any													
TOTAL													

	No. of			No	o. of I	Partici	oants					1 00	. 1
Thematic Area	Course		Other			SC			ST		Gra	nd To	tal
	S	М	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
f) Spices													
Production and Management													
technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management													
Post harvest technology and value													
addition													
Others if any		ļ											
TOTAL													
III Soil Health and Fortility		ļ											\vdash
Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
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													
TOTAL													
IV. Livestock Production and													
Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal													
products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women													
empowerment													
Household food security by													20
kitchen gardening and nutrition	8	83	194	267	3	50	53				86	244	52
gardening													U
Design and development of													
low/minimum cost diet													
Designing and development for													
high nutrient efficiency diet													
Minimization of nutrient loss in													
processing													

	No. of			No	o. of F	Particip	oants				C	. 1 77 -	(- 1
Thematic Area	Course		Other			SC			ST		Gra	nd Io	tal
	S	М	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Gender mainstreaming through SHGs													
Storage loss minimization													
techniques													
Enterprise development													
Value addition	5	14	63	86	21	12	33				35	75	11
													9
Income generation activities for													
empowerment of rural women													
reduction technologies													
Rural Crafts													
Capacity building													
Women and child care	1	0	63	63	0	3	3				66	0	66
Others, if any	_					-							
TOTAL													
VI. Agril. Engineering													
Installation and maintenance of	1	10	0	10	0	0	0				10	0	12
micro irrigation systems	1	12	0	12	0	0	0				12	0	12
Use of Plastics in farming													
practices													
Production of small tools and													
implements													
Repair and maintenance of farm	0			27							207		3
machinery and implements	9	255	33	8	42	30	72				297	63	6
													0
addition	2	36	4	40	4	0	4				40	4	4
Dest Howest Technology													4
Post-Harvest Technology	2	40	0	40	5	35	40				45	35	8
													2
Farm mechanization	1	15	8	23	0	0	0				15	8	2
Farm Mechanization &	1	45	0	45	6	0	6				51	0	51
Technological Interventions	-	-13	0	77	0	0	0				51	0	51
Resource Conservation				15									2
Technologies	5	133	26	9	25	73	98				158	99	5
													/
IUIAL VII Plant Protection													
Integrated Past Management													1
integrated i est Management	12	120	22	15	16	0	15				1/15	23	6
	12	129	23	2	10	0	13				145	23	0
Integrated Disease Management													0
Integrated Disease Management	7	103	7	11	13	18	21				116	25	
	/	105	,	0	13	10	51				110	25	1
Bio-control of pests and diseases													-
Production of bio control agents													
and bio pesticides													
Mushroom Production	1	0	16	16	0	0	0	1			0	16	16
TOTAL													
VIII. Fisheries													

	No. of			o. of F	Partici	oants				C		(_ 1	
Thematic Area	Course		Other			SC			ST		Gra	nd To	tal
	S	М	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
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 fisnes													
Portable plastic carp natchery													
Shrime forming													
Edible oveter forming													
Poorl outure													
Fish processing and value addition													
Others if any													
IV 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													
TOTAL													
X. Capacity Building and Group													
Dynamics													
Leadership development													
Group dynamics													
Formation and Management of													
SHGs													
NIODILIZATION OF SOCIAL CAPITAL													
Entrepreneurial development of													
WTO and IDP issues													
Others if any													
VI Agro-forestwy									-				
AI Agro-Infestry Production technologies													
r rouuction technologies													

	No. of			No	o. of I	Partici	pants				Gro	nd To	tol
Thematic Area	Course		Other			SC			ST		Ula	.nu io	lai
	s	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL	102	149	778	221	26	259	622				181	102	28
	105	7	120	4	6	350	023				9	0	48

ii. RURAL YOUTH (On and Off Campus)

	No. of		No. of Participants									Irond T	otal
Thematic Area	INO. OI		Other	•		SC			ST		C	frand 1	otai
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
Mushroom Production	2	45	22	67	6	1	7				51	23	74
Bee-keeping													
Integrated													
farming													
Seed production													
Production of	1	20	0	20	10	0	10				40	0	40
organic inputs	1	30	0	30	10	0	10				40	0	40
Planting material													
production													
Vermi-culture													
Sericulture													
Protected													
cultivation of													
vegetable crops													
Commercial fruit													
production													
Repair and													
maintenance of	2	40	0	40	6	0	6				46	0	46
farm machinery	2	10	0	10	0	0	0				70	U	40
and implements													
Nursery													
Management of	2	58	11	69	9	2	11				67	13	80
Horticulture crops													
Training and													
pruning of													
orchards													1.10
Value addition	5	27	102	129	6	33	39				33	135	168
Production of													
quality animal													
products													
Dairying													
Sheep and goat													
rearing													
Quail farming													
Piggery													

				N	Jo. of	Partic	ipants						_
Thematic Area	No. of		Other		0.01	SC	ipanto		ST		C	Frand T	otal
Thematic Thea	Courses	Μ	F	Т	М	F	Т	М	F	Т	М	F	Т
Rabbit farming													
Poultry													
production													
Ornamental													
fisheries													
Para vets													
Para extension													
workers													
Composite fish													
culture													
Freshwater prawn													
culture													
Shrimp farming													
Pearl culture													
Cold water													
fisheries													
Fish harvest and													
processing													
technology													
Fry and fingerling													
rearing													
Small scale													
processing													
Post-Harvest													
Technology													
Tailoring and													
Stitching													
Rural Crafts	1	0	16	16	0	24	24				0	40	40
Enterprise	3	67	12	79	1	19	20				68	31	99
development													
Natural Farming	10	178	127	305	38	57	95				216	184	400
TOTAL	26	445	290	735	76	136	212				521	426	947

iii. Extension Personnel (On and Off Campus)

	No. of			N	o. of	Partic	ipants					Grand	Total
Thematic Area	NO. OI		Other	•		SC			ST			Oranu	Total
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
Productivity enhancement in field crops	1	10	0	10	0	0	0				10	0	10
Integrated Pest Management	4	106	13	119	10	5	15				116	18	134

												02
Integrated												
Nutrient												
management												
Rejuvenation of												
old orchards												
Value addition												
Protected												
cultivation	2	33	3	36	0	0	0			33	3	36
technology	_				Ũ	Ŭ	Ŭ			00	C	00
Formation and												
Management of												
SHGs												
Group Dynamics												
ond formars	1	6	0	6	1	0	1			7	0	7
and farmers	1	0	0	0	1	0	1			/	0	/
Information												
Information												
networking												
among farmers												
Capacity building												
for ICT												
application												
Care and												
maintenance of	3	65	0	65	6	0	6			71	0	71
farm machinery	5	05	Ŭ	05	Ŭ	Ū	U			, 1	Ŭ	71
and implements												
WTO and IPR												
issues												
Management in												
farm animals												
Livestock feed												
and fodder												
production												
Household food												
security												
Women and												
Child care												
Low cost and												
nutrient efficient	5	10	138	148	1	18	19			11	146	167
diet designing	-											
Production and						<u> </u>						
use of organic												
inputs												
Gender												
mainstreaming												
through SHCs												
Crop												
intensification												
Designing and												
development for												
high nutrient	2	0	36	36	0	4	4			0	40	40
afficiences dist												
efficiency diet												

	1			1			1		1	1	
Value addition	2	30	27	57	3	17	20		33	44	77
TOTAL	20	260	217	477	21	44	65		281	251	542

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

Discipline	Clientele	Title of the training	Durati on in	Venue (Off / On	Nu	mber of	SC/ST	Num part	iber of icipan	ts (others)	Over all
		programme	days	Campus)	М	F	Total	М	F	Total	purticipunts
Crop Production	PF	Quality seed production technique on wheat	1	On	0	0	0	15	0	15	15
Crop Production	PF	Natural Farming	1	on	6	0	6	34	0	34	40
Crop Production	PF	Pigeon pea Pod fly management	1	on	2	0	2	10	0	0	12
Crop Production	PF	Scientific Production technique of sesame	1	on	1	0	1	9	0	9	10
Crop Production	PF	Scientific cultivation of seasame	1	off	0	0	0	11	3	14	14
Crop Production	PF	Scientific cultivatio of sunflower	1	on	0	0	0	24	0	24	24
Crop Production	PF	Irrigation & nutrient mangement in greengram	1	off	0	0	0	8	0	8	8
Crop Production	PF	Training on Green manurisng in crop	1	off	0	0	0	12	0	12	12
Crop Production	PF	Scientific Cultivation of Maize	1	off	10	5	15	60	14	74	89
Crop Production	PF	Scientific production technology of Millets	1	off	5	0	5	30	5	35	40
Crop Production	PF	Scientific Rice Cultivation technique and DSR	1	off	2	8	10	34	7	41	51
Crop Production	PF	Nutrient management in rice	1	off	6	2	8	15	10	25	33
Crop Production	PF	HYV of Paddy variety Rajendra Bhagwati under SCSP project	1	off	0	8	8	0	0	0	8
Crop Production	PF	HYV of Ragi variety Rajendra Madua-01 under SCSP project	1	off	0	5	5	0	0	0	5
Crop Production	PF	Scientific cultivation of Red gram	1	off	2	7	9	3	0	3	12
Crop Production	PF	Paddy Variety R. Bhagawati	1	off	0	8	8	0	0	0	8
Crop Production	PF	Ragi Variety R. Madua-1	1	off	0	8	8	0	0	0	8
Crop Production	PF	Red gramVariety R. Arhar 2	1	off	0	8	8	0	0	0	8
Crop Production	PF	Scientific cultivation of Red gram	1	off	0	0	0	15	8	23	23
Crop Production	PF	Quality Seed production techniques of paddy	1	on	3	27	30	11	0	11	41
Crop Production	PF	Scientific cultivation of Rabi crops	1	on	0	11	11	7	0	7	18
Crop Production	PF	Scientific Cultivation technique of millets	1	on	7	1	8	15	7	22	30
Home Science	PF	Training cum Kisan Gosthi for Awareness about Nutri- Garden among rural women	1	on	0	42	42	2	43	45	87
Home Science	PF	Awareness about poshan vatika	1	off	2	0	2	19	1	20	22

Home Science	PF	Value addition on Banana	1	off	0	0	0	0	18	18	18
Home Science	PF	Awareness about Nutri Garden		off	0	0	0	15	15	30	30
Home Science	PF	Value addition on Raw Mango	1	off	0	12	12	0	0	9	21
Home Science	PF	Method of preparation of ragi and jaggery ladoo	1	off	0	0	0	0	15	15	15
Home Science	PF	Awareness about Nutrition in Adolescence girls	1	off	0	3	3	0	63	63	69
Home Science	PF	Preparation methods of Value addition on Mushroom	1	off	21	0	21	4	0	4	25
Home Science	PF	Awareness about Nutri Garden	1	off	0	0	0	7	14	21	21
Home Science	PF	Benefits of nutritional garden cum Kisan Gosthi	1	off	0	0	0	9	31	40	40
Home Science	PF	Value addition on Mushroom	1	On	0	0	0	10	30	40	40
Home Science	PF	Benefits of nutritional garden	1	On	0	0	0	14	26	40	40
Home Science	PF	Awareness about Nutri Garden	1	On	0	0	0	12	28	30	30
Home Science	PF	Awareness about Nutri Garden	1	On	1	8	9	5	36	41	50
Horticulture	PF	Mango orchard management	1	On	2	0	2	7	0	7	9
Horticulture		Litchi orchard	_		3	0	3	8	0	8	11
Horticulture	PF	management Awareness programme on	1	On	0	12	12	18	40	58	70
	PF	Natural Farming	1	off	Ŭ	12	12	10	10	50	70
Horticulture	PF	Scientific cultivation practices of summer vegetables	1	On	3	2	5	0	0	0	5
Horticulture	DE	Scientific management practices of mango and	1	off	0	0	0	9	0	9	9
Horticulture	ГГ	Scientific management practices of mango and	1	011	3	0	3	12	0	12	15
	PF	litchi orchard	1	off							
Horticulture	25	practices of summer		0	3	0	3	13	1	14	17
Horticulture	PF	vegetables Scientific cultivation	1	On							
Hordeulture	PF	practices of summer	1	On	0	0	0	6	5	11	11
Horticulture		Scientific cultivation and	-	0							
	PF	management practices of kharif vegetables	1	on	3	0	3	8	2	10	13
Horticulture	PF	Kisan Gosthi on papaya cultivation	1	off	5	2	7	54	9	63	70
Horticulture		Scientific cultivation of Okra under FLD on Kharif	_		5	0	5	8	4	12	17
Horticulture	PF	vegetables Scientific cultivation of	1	on							
Homeunture	PF	Cowpea under FLD on Kharif vegetables	1	on	2	0	2	3	2	5	7
Horticulture	DE	Climate resilient technology in agriculture	1	off	2	0	2	12	12	24	26
Horticulture	PF	Weed management in kharif crops	1	off	2	0	2	16	0	16	18
Horticulture	DE	Science of Natural Farming and way forward	1	off	0	0	0	37	3	40	40
Horticulture	ГГ	Scientific cultivation practices of vegetable	1		1	49	50	0	0	0	50
	PF	crops	1	off							

Horticulture	PF	Scientific cultivation practices of vegetable crops	1	off	18	20	38	0	0	0	38
Plant	PE	management of aphids in	1	off	1	0	0	14	0	14	15
Plant	PF	Management of late blight of potato	1	off	0	0	0	12	0	12	12
Plant protection	PF	Pigeno pea pod fly management	1	off	2	0	2	10	0	10	12
Plant protection	PF	Disease management in cabbage	1	on	2	0	2	12	0	12	14
Plant protection	PF	Pest Management in Brinjal	1	on	1	0	1	14	0	14	15
Plant protection	PF	mushroom production techniques	1	on	0	16	16	0	0	0	16
Plant protection	PF	Seed treatment of Green Gram	1	on	2	0	2	12	5	17	19
Plant protection	PF	Crop Mangement of Green Gram	1	on	1	0	1	13	4	17	18
Plant protection	PF	IPM in Green Gram	1	on	0	0	0	16	0	16	16
Plant protection	PF	Resilient heat stress management in crops	1	off	0	2	2	6	6	12	14
Plant protection	PF	Pest management in Green Gram	1	off	1	0	1	9	1	10	11
Plant protection	PF	Fall Worm Management in Maize	1	off	0	0	0	14	0	14	14
Plant protection	PF	Litchi Stinking bug management	1	off	0	0	0	10	0	10	10
Plant protection	PF	Pest Mangament in Paddy nursery	1	off	0	0	0	5	7	12	12
Plant protection	PF	Pest Mangament in Paddy nursery	1	off	2	0	2	9	2	11	13
Plant protection	PF	Pest managemetn in Kharif Crops	1	off	0	0	0	17	0	17	17
Plant protection	PF	Management in Paddy crop	1	off	3	0	3	1	8	9	12
Plant protection	PF	Pest Mangement in paddy and maize	1	off	3	0	3	16	0	16	19
Plant protection	PF	Pest Mangemetn in Organic Agriuculture	1	on	3	17	20	11	0	11	41
Plant protection	PF	Pest Managemetn in Kharif crops	1	on	15	7	22	7	1	8	30
engineering	DE	Farm machinery and	1	off	6	0	6	0	0	0	14
Agricultural engineering	11	Farm machinery and its	1	011	0	0	0	0	0	0	14
Agricultural	PF	maintentence	1	on	4	4		9	0	9	13
engineering	DE	Apllication of Farm	1	0.1	7	7	14	70	7	86	100
Agricultural engineering	11'		1	011	/	,	14	17	/	00	100
Agricultural	PF	application of drone in agriculture	1	on	6	0	6	45	0	45	51
engineering	PF	Farm Machinery and maintenance	1	on	0	0	0	10	0	10	10
Agricultural engineering					Ť						
	PF	Zero tillage of green Gram	1	off	0	0	0	15	0	15	15

Agricultural engineering											
Agricultural	PF	Zero tillage of Green Gram	1	off	0	2	2	0	26	26	28
engineering	PF	Zero Tillage of Green Gram	1	off	0	3	3	21	20	41	44
Agricultural engineering											
	PF	Farm mechanization and its application	1	off	0	0	0	10	0	10	10
Agricultural engineering	DE	Farm mechanisation and its	1	off	10	5	15	60	14	74	80
Agricultural engineering		Farm mechanisation used	1	011	10	5	15	00	14	/4	07
A	PF	in DSR	1	off	5	0	5	30	2	35	40
Agricultural engineering	PF	Farm mechanisation and its	1	on	3	30	33	63	7	70	103
Agricultural											
	PF	Post harvest Technology and management	1	on	5	35	40	23	0	23	63
Agricultural engineering	DE	Farm mechanisation used	4	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			0	1.5	10	25	22
Agricultural	PF	in DSR	1	off	6	2	8	15	10	25	33
engineering	PF	Use of farm machinery in cultivation of pulses	1	off	0	0	0	15	8	23	23
Agricultural engineering		Climate Resilient								_	
Agricultural	PF	Technology	1	on	2	38	40	2	0	2	42
engineering	PF	Micro irrigation and its application	1	off	0	0	0	12	0	12	12
Agricultural engineering		farm Machinery and its									
Agricultural	PF	maintenance	1	on	3	13	16	34	3	37	53
engineering	DE	Farm Maschinery and its	1	0.7	7	1	0	15	7	22	20
Agricultural engineering	11		1	on	/	1	0	15	/	22	50
	PF	Processing and value addition	1	on	0	0	0	10	4	14	14
Agricultural engineering		application of drone in									
Agricultural	PF	agriculture	1	on	20	5	25	44	16	60	85
engineering	PF	Post harvest Management	1	on	0	0	0	17	0	17	17
Agricultural engineering		Zero tillage of wheat by	-	0.1			Ŭ				
Agricultural	PF	zero tillage machine	1	on	0	0	0	12	3	15	15
engineering	PF	Zero Tillage of Wheat by ZT Machine	1	on	0	0	0	12	0	12	12
Agricultural engineering		Processing and value				_	_				
	PF	addition in Mushroom	1	off	4	0	3	26	0	26	30
Soil Science	PF	INM in Mustard	1	on	2	0	2	23	3	26	28
Soil Science	PF	technology of Wheat	1	off	0	0	0	14	11	25	25

Soil Science	PF	Intergrated weed Mangement in Wheat	1	on	4	21	25	5	3	8	34
Soil Science	PF	Intregarated Pest Mangegement in Mustard	1	on	0	0	0	25	0	25	25
Soil Science	PF	Scientitic cultivation of Mustard	1	off	0	0	0	30	0	30	30
Crop Production	RY	Natural farming training	3	off	0	2	2	5	33	38	40
Crop Production	RY	Natural farming training	3	off	4	0	4	32	4	36	40
Crop Production	RY	Natural farming training	3	off	0	15	15	0	25	25	40
Crop Production	RY	Vermicomposting technique and its uses	3	off	10	0	10	30	0	30	40
Home Science	RY	Herbal Gulal making	3	on	0	0	0	0	19	19	19
Home Science	RY	Pickle making	3	on	0	5	5	9	3	12	17
Home Science	RY	Processing & value addition on Mushroom	3	on	3	7	10	18	12	30	40
Home Science	RY	Value addition of fruits & vegetables	3	on	0	5	5	0	30	30	35
Home Science	Vocational	Value addition of raw mango and jackfruit	5	on	0	9	9	0	27	27	36
Home Science	Vocational	Preparation methods of Sujini embroidery	7	on	0	24	24	0	16	16	40
Home Science	Vocational	Value addition of millets	5	on	0	30	30	3	7	10	40
Agricultural Engineering	Vocational	INM Training programme	15	on	0	0	0	32	7	39	39
Agricultural Engineering	Vocational		10	on					_		
Agricultural Engineering	Vocational	Farm machinery and its	5	on	6	0	6	14	0	40	22
Agricultural Engineering	Vocational	Farm machinery and its maintenance	5	Off	0	0	0	26	0	26	26
Horticulture	RY	Natural farming	2	on	0	0	0	40	0	40	40
Horticulture	RY	Natural Farming	2	on	9	9	18	20	2	22	40
Horticulture	RY	Natural Farming	2	on	14	7	21	18	1	19	40
Horticulture	RY	Natural Farming	2	on	3	10	13	8	19	27	40
Horticulture	RY	Natural Farming	2	off	0	12	12	0	28	28	40
Horticulture	RY	Natural Farming	2	off	0	0	0	30	10	40	40
Horticulture	RY	Natural Farming	2	off	8	2	10	25	5	30	40
Horticulture	RY	RPL on Gardener	3	on	2	2	4	29	7	36	40
Horticulture	RY	Nursery management	5	On	7	0	7	29	4	33	40
Horticulture Horticulture Horticulture Horticulture Horticulture	RY RY RY RY RY	Natural Farming Natural Farming Natural Farming RPL on Gardener Nursery management	2 2 2 3 5	off off off on On	0 0 8 2 7	12 0 2 2 0	12 0 10 4 7	0 30 25 29 29	28 10 5 7 4	28 40 30 36 33	

Plant	DV	Muchroom oultivation	2			1	2		22	21	24
Protection	KI	Mushroom cultivation	3	on	2	1	3	9	22	51	34
Protection	RY	Mushroom cultivation	3	off	4	0	4	36	0	36	40
Crop production	EF	Scientific cultivation of summer crop greem gram `	1	off	0	0	0	10	0	10	10
Agricultural Engineering	EF	Application of farm machinery in agriculture	1	On	0	0	0	16	0	16	16
Agricultural Engineering	EF	KVK, NABARD and FPO meet	1	On	1	0	1	6	0	6	7
Agricultural Engineering	EF	Farm Machznization & Its application at Rabi Abhiyan	1	off	6	0	6	19	0	19	25
Agricultural Engineering		Application of Pesticides/Herbicides									
	EF	through drone	1	off	0	0	0	30	0	30	30
Home Science	EF	Nutritional benefits of millets	1	off	0	2	2	0	17	17	19
Home Science	EF	Benefits of nutritional garden	1	off	1	2	3	10	6	16	19
Home Science	EF	Benefits of nutritional garden	1	off	0	2	2	0	19	19	21
Home Science	EF	Nutritional benefits of millets	1	off	0	2	2	0	19	19	21
Home Science	EF	Value addition of nutri cereals	1	Off	0	6	6	0	21	21	27
Home Science	EF	Benefits of kitchen gardening	1	On	0	3	3	0	53	53	56
Home Science	EF	Benefits of kitchen gardening	1	On	0	3	3	0	35	35	38
Home Science	EF	Benefits of kitchen gardening	1	On	0	8	8	0	25	25	33
		Scientific cultivation and management practices of	1		0	0	0	17	3	20	20
Horticulture	EF	scientific cultivation and		on	0	0	0	16	0	16	16
Horticulture	EF	vegetables	1	on							
Horticulture	EF	advancement related to production, processing and value addition of FPC/FPO produce	1	on	3	11	14	30	6	36	50
Tortieulture		Pest & disease	1		5		17	50	5	50	50
Plant Protection	EF	Mangagement in Rabi & Zaid crops	1	on	5	4	9	31	11	42	51
Plant Protection	EF	Pest & Disease Mangment in Kharif crops	1	on	3	1	3	24	2	26	29
Plant Protection	EE	Pest & Disease Mangament in Kharif	1	off	2	0	2	21	0	21	22
	EF	crops	1	OII	2	0	2	21	0	21	23
Soil Science	EF	IPM	1	off	0	0	0	30	0	30	30

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop /	Identified		Dura	No. of	Particip	ants	Self-em	ployed aft	er training	Number of
Enterpri se	Thrust Area	Training title*	tion (days	Male	Fema le	Total	Type of units	Numb er	Number of persons	persons employed else where

											09
								of units	employe d		
Enterpri se	Integrate d Nutrient Manage ment	Integrated Nutrient Managem ent	15	68	12	80	-	-	31	2	
Enterpri se	Rural Craft	Preparatio n methods of Sujini embroider y	7	0	40	40	-	-	3	0	
Millets	Value addition	Value addition of millets and raw mango & jackfruit	5	3	63	66	-	-	5	0	
Enterpri se	Farm machiner y and its maintena nce	Farm machiner y and its maintenan ce	5	48	0	48	-	-	7	1	

*Training title should specify the major technology /skill transferred

(I) Sponsored Training Programmes

		Durat	Clie nt	No.				No	o. of P	articipa	ints				Spons		
Sl.	Title	tic	Mo nth	ion (days	PF/	of	Ν	Aale		Fe	emale			Тс	otal		oring
		area	nui)	RY/ EF	ses	Other s	SC	ST	Others	S C	ST	Others	S C	ST	Total	y
01	Inter stating training	Crop Produ ction	Feb	01	PF	01	9	4	0	0	0	0	0	0	0	13	UP. Govt.
02	Iffco Nano Urea And DAP awarnes s	Crop Produ ction	Mar ch	01	PF	01	60	6	0	0	0	0	0	0	0	66	Iffco siwan
03	Interstat e fisher training	Anima l scienc e	Mar ch	01	PF	01	9	4	0	0	0	0	0	0	0	13	UP. Govt.
04	Kisan Ghosthi	Crop produc tion	Ma y	01	PF	01	22	8	0	30	2	01	0	0	0	0	BEA
05	ATL- KVK & AtMA	Agri. Engg.	July	01	PF	01	38	0	0	0	0	0	00	0	0	38	ATM A, Siwan
06	FPO Meet	Crop Produ ction	Sep ete mbe r	01	PF	01	07	0	0	0	0	0	07	0	0	07	NAB ARD Siwan

Total							No	. of p	oartio	cipant	S		Fund
no of	Name of	Title of	Duration	S	С	S	Т	Ot	her		T	otal	utilized
training	OP/Ioh role	the	(in hrs.)										for the
organise	Q1/300 1010	training	(111 11 5.)	Μ	F	Μ	F	Μ	F	Μ	F	Т	training
d													(Rs.)
01	RPL	Gardening		4	0	0	0	2	9	31	9	40	84000
								7					

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

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

Total							No	. of p	oartio	cipar	nts		Fund
no of		Title of		S	С	S	Т	Ot	her			Total	utilized
trainin	Name of	the	Duration										for the
g	QP/Job role	training	(in hrs.)	м	F	м	F	м	Б	м	F	т	training
organi		training		111	1	111	T	111	1	111	T.	1	(Rs)
sed													(13.)
-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.5. A. ACHEVEMENTS OF EXTENSION/OUTREACH ACTIVITIES

(Including activities of FLD programmes)

			F	armer	5		ŀ	Exter	sion (Officia	ıls			Total		
Nature of Extension Activity	No. of activiti es	М	F	Tota l	SC (no.)	ST (no.)	М	F	Tot al	SC (no.)	ST (no.)	М	F	Tota l	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	06	1103 0	587 0	1690 0	290 1	0	40 0	35 0	750	220	0	1143 0	609 0	1752 0	312 1	0
Field Day	07	177	122	289	24	0	30	12	42	6	0	207	134	344	30	0
Kisan Ghosthi	09	375	75	450	92	0	54	12	66	6	6	429	87	516	98	6
Exhibition organized	2	43	11	54	16	0	18	12	20	6	6	61	23	84	22	6
Participation in exhibition	3	267	53	320	47	0	12	6	18	2	0	279	59	338	49	0
Film Show	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Method Demonstrati ons	2	43	16	59	6	0	6	1	7	2	0	49	17	66	8	0
Farmers Seminar	02	38	9	47	16	0	18	12	20	6	6	56	21	77	6	6
Workshop	07	292	86	370	44	6	0	0	0	0	0	292	86	370	44	6
Group discussion	02	41	03	44	07	6	0	0	0	0	0	41	03	44	07	6
Lectures delivered as resource persons	30	1247	439	1686	427	0	67	29	96	23	0	1314	468	1782	450	0

																/1
Advisory Services	60	7294	284 6	1014 0	738	0	43 9	12 7	566	94	0	7733	297 3	1070 6	832	0
Scientific visit to farmers field	86	225	75	300	125	.0	11 4	24	29	6	6	339	99	438	125	0
Farmers visit to KVK	2747	1708	103 9	2747	944	0	0	0	0	0	0	1708	103 9	2747	944	0
Diagnostic visits	41	457	234	691	183	0	38	13	51	4	0	495	247	742	187	0
Exposure visits	05	326	134	460	127	0	24	06	30	04	0	350	140	490	131	0
Ex-trainees Sammelan	02	56	6	62	12	0	0	0	0	0	0	56	6	62	12	0
Soil health Camp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animal Health Camp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	01	52	0	52	0	0	6	2	8	1	0	58	2	60	02	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	06	115	85	200	63	0	0	0	0	0	0	115	85	200	63	0
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Special day celebration	4	137	23	160	6	0	35	7	42	3	0	172	30	302	9	0
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	29	227	60	287	29	0	15	5	20	3	0	242	65	307	32	0
Celebration of important date	7	135	50	185	12	0	15	5	20	3	0	150	55	205	15	0

B. Other Extension/content mobilization activities

Nature of Extension Activity	No. of activities
Newspaper coverage	45
Radio talks	0
TV talks	2
Popular articles published	0
Extension Literature	0
Electronic media	0
Any other	0

C. Technology week celebration (23.09.2024 to 27.09.2024)

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Promotion of Climate-Resilient Varieties, Demonstration on Integrated Pest Management (IPM), Postharvest Technology and Value Addition and Awareness on Water Conservation Practices etc.	05	233	Drought and flood-tolerant rice , Bio-control agents, pheromone traps, and neem- based pesticides, Processing and storage techniques for pulses and millets, Micro-irrigation, rainwater harvesting, and efficient irrigation scheduling, Zero tillage etc.

D. Celebration of important days in KVKs

	No of]	Farmers		Exten	sion Of	ficials		Tot	tal
Celebration of Important Days	activities	Μ	F	Total	Μ	F	Total	Μ	F	Total
Republic day (26 th Jan.)	01	15	5	20	8	3	11	23	8	31
International Women's Day (8th Mar.)	01	5	25	30	11	2	13	16	27	43
Ambedkar Jayanti (14th Apr.)	-	-	-	-	-	-	-	-	-	-
World's Veterinary Day (Last week of April)	-	-	-	-	-	-	-	-	-	-
World 'Milk Day	-	-	-	-	-	-	-	-	-	
International Yoga Day (21st Jun.)	01	0	0	0	15	2	17	15	2	17
Independence Day (15th Aug.)	01	30	2	32	15	2	17	45	4	49
Parthenium Awareness Week	01	16	8	24	5	2	7	21	10	31
Hindi Diwas (14th Sep.)	-	-	-	-	-	-	-	-	1	-
Gandhi Jayanti (2nd Oct.)	01	-	-	-	15	2	17	15	2	17
Mahila Kisan Diwas (15th Oct.)	-	-	-	-	-	-	-	-	-	-
World Food Day (16th Oct.)	-	-	-	-	-	-	-	-		-
Vigilance Awareness Week	-	-	-	-	-	-	-	-	-	-
National Unity Day (31st Oct.)	-	-	-	-	-	-	-	-	-	-
World Science Day (10th Nov.)	-	-	-	-	-	-	-	-	-	-
National Education Day (11th Nov.)	-	-	-	-	-	-	-	-	-	-
Fisheries day (21 Nov)	-	-	-	-	-	-	-	-	1	-
National Constitution Day (26th Nov.)	01	0	0	0	15	2	17	15	2	17
World Soil Day (5th Dec.)	0	0	0	0	0	0	0	0	0	0
Kisan Diwas (23 rd Dec.)	0	0	0	0	0	0	0	0	0	0

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

	Date of	Name of	Interaction of		Part	icipants	
S1.	event	Event/Programme	Hon'ble PM/AM	Farmers	Staffs	VIP/Others	Total
01	28.02.2024	PM Kisan Samman	Hon'ble PM	50	15	0	65
02	18.06.2024	PM Kisan Samman	Hon'ble PM	103	12	0	115
03	11.08.2024	Inauguration of new	Hon'ble PM	42	15	0	59
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		variety of seed					
04	17.12.2024	Kisan Chaupal	Hon'ble AM	58	15	0	63

3.5 A. PRODUCTION AND SUPPLY OF TECHNOLOGICAL PRODUCTS

A. Seed production at seed village

Сгор	Variety Quantity of	Quantity of	Value	No. of farmers involved in village	Number of farmers to whom seed provided			
		seed (q)	(KS)	seed production	SC	ST	Othe r	Total
-	-	-	-	-	-	-	-	-

B. Seed production at KVK farm

Type of seed	eed Variety Quantity of seed Value (Rs)	Value	N to v	umber of whom see	f farmers d provide	ed	
produced		(q)	(Rs)	SC	ST	Other	Total
Cereals 1. Wheat (F/S) 2. Paddy (F/S)	DBW-316 Rajendra Bhagwati	177.0 99.44					
Oil seed 1. Mustard (T/L)	R-Suflam	9.54					
Pulses 1.Moong (F/S)	Virat	3.0					
Green Manure							
Commercial crop 1. Potato (C/S)	K-Sinduri	61.0					
Vegetables							
Fodder							
Spices							
Fruits							
Forest crop							
Ornamental/flower							
Medicinal							
Grand Total		349.98					

C. Production of planting materials by the KVKs

Сгор	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting mate provided		rs terial	
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower	HYV/LOCAL	675	675	6	0	19	25
Cabbage	HYV/ LOCAL	535	535	19	0	23	42
Tomato	HYV/ LOCAL	22350	11225	33	0	50	83
Brinjal	HYV/ LOCAL	32867	24652	8	0	60	68

	I	r	1	- 1			
Chilli	HYV/ LOCAL	32250	16125	19	0	56	75
Onion							
Bitter gourd	HYV/ LOCAL	2606	6515	8	0	29	37
Butter gourd	HYV/ LOCAL	5629	14072	14	0	32	46
Sponge gourd	HYV/ LOCAL	5797	11594	10	0	29	39
Others	HYV/ LOCAL	647	9706	24	0	34	58
Commercial seedlings	6						
Mulberry							
Sugarcane,							
Sweet Potato							
Turmeric							
Zinger							
Others							
Fruits seedlings							
Mango	Amrapali	720	64800	12	0	86	98
Guava	A-Safeda	789	39900	59	0	226	285
Lime							
Papaya	Local	3442	68840	36	0	96	132
Banana							
Litchi	Sahi	580	43500	27	0	56	83
Ornamental plants							
Marigold							
Annual							
chrysanthemum							
Tuberose							
Others							
Medicinal and							
Aromatic							
Plantation							
Tuber Elephant yams							
Spices							
Grand Total		1,08,887	312139	275	0	796	1071

D. Forest species

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

E. Fodder crops saplings

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting mate provided		:s terial	
				SC	ST	Other	Total
-	-	-	-	-	-	-	-

F. Production of Bio-Products

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

G. Production of livestock & fisheries materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Fai	No. of Farmers benefitted			
				SC	ST	Other	Total	
Dairy animals	-	-	-	-	-	-	-	
Cows	-	-	-	-	-	-	-	
Buffaloes	-	-	-	-	-	-	-	
Calves	-	-	-	-	-	-	-	
Others (Pl. specify)	-	-	-	-	-	-	-	
Small ruminants	-	-	-	-	-	-	-	
Sheep	-	-	-	-	-	-	-	
Goat	-	-	-	-	-	-	-	
Other, please specify	_	_	_	-	-	-	-	
Poultry								
Broilers								
Layers								
Duals (broiler and	Sonali		62500	6	0	19	25	
layer)		1250						
Japanese Quail	-	-	-	-	-	-	-	
Turkey	-	-	-	-	-	-	-	
Emu	-	-	-	-	-	-	-	
Ducks	-	-	-	-	-	-	-	
Others (Pl. specify)	-	-	-	-	-	-	-	
Piggery	-	-	-	-	-	-	-	
Piglet	-	-	-	-	-	-	-	
Hog	-	-	-	-	-	-	-	
Others (Pl. specify)	-	-	-	-	-	-	-	
Rabbitry	-	-	-	-	-	-	-	
Fisheries	-	-	-	-	-	-	-	
Indian carp	-	-	-	-	-	-	-	
Exotic carp	-	-	-	-	-	-	-	
Mixed carp	-	-	-	-	-	-	-	
Fish fingerlings	-		-	-	-	-	-	
Spawn	-		-	-	-	-	-	
Others (Pl. specify)	-	-	-	-	-	-	-	

Grand Total				

H. SOIL & WATER TESTING

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

Sl. No	Name of the Equipment	Qty.
1.	MSTL Van	01
2.	Mrida Parishak	01
3.	Single distillation unit	01
4.	Weighing machine	01

b. Details of samples analyzed so far

Total number of soil samples analyzed till now					
Through mini soil testing kit/labs	Total				
-	503	503			

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

S1.	Analysis	No. of Samples analyzed	No. of Villages covered	No. of Farmers benefitted	Amount realized (Rs.)
1.	Soil	503	15	424	25150
2.	Water				
3.	Plant				
4.	Fertilizers				
5.	Manures				
6.	Food				
7.	Others (if any)				

d. Details of World Soil Day Celebration

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

I. Activities under Rain Water Harvesting structure and Micro Irrigation System

S.No	No of training	No. of No. of plant		Visit by the	Visit by the
	programme conducted	demonstrations	material produced	farmers (No.)	officials (No.)
01	Micro Irrigation	02	-	72	4
	System				

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

1. Name of Seed Hub Centre:

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

Mobile :

2. Quality Seed Production of Pulses

Seaso n	Name of crop taken under seed produ ction	Name of variety taken under seed productio n	Crop and variety wise area (ha) covere d under seed product ion	Crop and variety wise Yield (Q/ha)	Crop and variety wise quantity of seed produc ed (Q)	Crop and variety wise quanti ty of seed sale out (Q)	Crop and variety wise number of farmers purcha sed seed from KVK	Quanti ty of seed sale out to farmer s (Q)	No of village cover ed throug h sale of seed	Quanti ty of seed sale out to other organi zation (Q)	Amo unt gene rated (Lak h) durin g 2024 -24	Total amount (Lakh) in Seed Hub project present ly

3. Financial Progress

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

4. Infrastructure Development

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

3.6 HUMAN RESOUSES DEVELOPMENT, PUBLICATIONS, AWARDS & RECOGNITION

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

	Itom	Details of publication bibliographic form	NASS R	lating
S.No	Item	(Authors name, year, title, volume, issue, page no, journal name)	>6	<6
1.	Review	Krishna Bahadur Chhetri, D. Vidhya, Raviteja Machanuru, 2024,	20	
	Paper	Review on impact of carbon pricing on sustainable practices in food processing and distribution, Volume 150,104576, <u>https://doi.org/10.1016/j.tifs.2024.104576</u>		
2	Review	Naveen Kumar Mahanti S Shiyashankar Krishna Bahadur Chhetri	20	
2.	Paper	Ashok Kumar, B. Babu Rao, J. Aravind, D.V. Swami,2024 Enhancing food authentication through E-nose and E-tongue technologies: Current trends and future directions, Volume 150,104574, <u>https://doi.org/10.1016/j.tifs.2024.104574</u> ., Trends in Food Science & Technology	20	

B. Details of Other Publications

Particulars	Details of publication bibliographic form	No of	No of
		copies	copies
		publishe	distribut
		d	ed
		(if any)	(if any)
Abstracts in	1. Anuradha Ranjan Kumari, Satya Prakash, Jonah Dakho and	-	-
Seminar/conference/	Nandees.C.V ,, Seedling Production Techniques of Papaya, SKV		
symposia published	National Conference 2024 on Agriculture in 2050 : Technology		
symposia puolisilea	Development and Dissemination.		
	2. Anuradha Ranjan Kumari, Harsha, B. R , Nandeesha, C.V and		
	Sarita Kumari, A Study on the Women Participation of Farm		
	Operations and Decision Making in Agriculture and Allied		
	Activities,2024, SKV National Conference 2024 on Agriculture in		
	2050 : Technology Development and Dissemination.		
	3. Anuradha Ranjan Kumari , Krishna Bahadur Chhetri , Sarita		
	Kumari, Harsha, B. R, Nandeesha, C. V, Anupma Kumari and M.		
	S Kundu Ergonomic Evaluation of Manually Operated Twin Wheel		
	Hoe to reduce Drudgery of Farm women in Weeding Activity,2024,		
	International Conference on		
	Advanced Agricultural Technologies for		
	Self Reliant Farmers and Developed India		
	11-February, 2024		
	4. Anuradha Ranjan Kumari , Nandeesha, C. V , Harsha, B. R ,		
	Krishna Bahadur Chhetri, M. S Kundu and Anupma Kumari,		
	Impact on the Socio-Economic status of rural farmers through		
	National Innovations in Climate Resilient Agriculture Project		
	(NICRA) in Mirjumia Village of Siwan district International		
	Conference on Advanced Agricultural Technologies for Sell Reliant		
	5 Anuradha Panjan Kumari Jonah Dakha Sarita Kumari		
	J. Anulaulia Kalijali Kulilali , Joliali Dakilo , Salita Kulilali , Harcha B. D. Nandaosha C. V. and K. B. Chhotri. Food Socurity		
	through Kitchen Cardening in Purel Areas of Simon District in		
	Ribar International Conference on Advanced Agricultural		
	Technologies for Self-Reliant Farmers and Developed India		
	11-February 2024		
	11 1 coraary, 2021		
Books published	-	_	-

Book chapter	-	-	-
published			
Popular articles	-	-	-
published			
Success story	6	-	-
published			
TOTAL	11	-	-

C. Details of Extension Publications

Particulars	Details of publication	No of copies	No of copies
	(Totle, authors name,	published	distributed
	organization)	(if any)	(if any)
Extension Bulletins published	-	-	-
Agro-advisory bulletins	-	-	-
Extension	-	-	-
folders/leaflet/pamphlets			
Technical reports	-	-	-
News letter	-	-	-
Electronic Publication	-	-	-
(CD/DVD etc)			
TOTAL	-	-	-

D. Details of HRD programmes undergone by KVK personnel

Sl.	Name of	designation	Name of	Date	Duration	Organizer/Venue
No.	KVK	_	course/training			_
	personnel		program attended			
1.	Dr A. R. Kumari Dr Nandeesha CV Ms Pragya Bharti	Senior Scientist & Head SMS Plant protection SRF NICRA	TDC-NICRA review cum action plan finalization 2024-25 and hands on training	19.03.2024 to 20.03.2024	02 days	ICAR ATARI, Zone-IV, Patna
2.	Dr Jonah Dakho	SMS Horticulture	National Workshop on Natural Farming and its scope under changing climatic scenario	20.04.2024 to 21.04.2024	02 days	Dr.RPCAU, Pusa, Samastipur
3.	Dr Harsha B R	SMS Crop Production	OFT Finalization Workshop of Agronomy and Soil Science	28-29 May 2024	02 days	BAU Sabour
4.	Dr Jonah Dakho	SMS Horticulture	OFT Finalization Workshop for Horticulture	06.07.2024 to 07.07.2024	02 days	ICAR-ATARI, Patna
5.	Dr A. R. Kumari	Senior Scientist & Head	Senior Scientist & Head participated in Workshop on "Demystifying Intellectual Property Rights,"	08-07-2024	01 day	Vidyapati Shabhaghar, RPCAU, Pusa,

6.	Mrs Kuma	Sa ari	rita	SMS H	ome Science	OFT Worksh	Finalization op for Home	23-24, July 2024	02 days	ICAR-ATARI, Patna
						Science	,			
7.	Dr l	K.	В.	SMS	Agricultural	OFT	Finalization	23-24, July	02 days	ICAR-ATARI,
	Chhet	tri		Engine	ering	Worksh	op for	2024		Patna
						Agricul	tural			
						Enginee	ering			

E. Awards/Recognition

Institutional Award received by KVK

S1.	Name of KVK	Name of the	Value	Achievement	Conferring
No.		Award	(In Amount/kind)		Authority
-	-	-	-	-	-

Award received by KVK Scientists

S1.	Name of KVK personnel	Name of the Award	Value (In Amount/kind)	Achievement	Conferring Authority
-	-	-	-	-	-

Award received by Farmers

S1.	Name of KVK	Name of the Farmer	Name of the Award	Address	Contact No.	Value (In Amount/kind)	Achieveme nt	Conferring Authority
01	Siwan	Sri Shiv Prasad	Best Inland	Vill- Bhagwanp	9631420385	01 Lakh	-	-
		Sahani	Fish Farmer	ur Hat, siwan				
02	Siwan	Sri Shiv Prasad Sahani	Innovativ e Farmers	Vill- Bhagwanp ur Hat, siwan	9631420385	-	-	-
03	Siwan	Sri Munna Singh	Innovativ e Farmers	Vill- Chainpur, Siswan	-	-	-	-
04	Siwan	Sri Dharampal Singh	Innovativ e Farmers	Vill- Chainpur, Siswan	6205509542	-	-	-

3.7. TECHNOLOGY DEVLOPMENT

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

S1.	Name/ Title of	Brief details of the	Impact of the	Status of
No.	the technology	Innovative Technology	technology	commercialization/Patent
-	-	-	-	-

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

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

Give details of by the farmer (if Any)

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

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

Sl. No.	Brief	details	of	the	tool/	Purpose for which the tool was followed
	metho	dology fo	llowe	ed		

4. IMPACT

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

		No. of	Horizontal		Impact of	Impact of	Change in inc	ome (Rs.)
Name of specific area	Brief details of the area	farmers benefitted	spread (in area/no.)	% Adoption	the technology in subjective terms	the technology in objective terms	Before (Rs./Unit)	After (Rs./Unit)
-	-	-	-	-	-	-	-	-

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

B. Details of entrepreneurship/startup developed by KVK

Name of the entrepreneur/ Name of the enterprise/firm	-
Registered address of the entrepreneur/firm	-
Year of establishment	-
Type of Enterprise	-
Registration details	-
No of members associated	-
Technical components of the enterprise (with commodity)	-
Annual Income/revenue of the enterprise	-
Role of KVK/Technology backstopping	-
(quantitative data support)	
Period/Timeline of the entrepreneurship development	-
Economic and Social status of entrepreneur before and after the	-
enterprise	
Present working condition of enterprise in terms of raw materials	-
availability, labour availability, consumer preference, marketing the	
product etc. (Economic viability of the enterprise):	
Major achievements	-
Major constrains	-
Images/Imp Documents	-

C. Success stories/Case studies, if any

1. Success stories

Name of farmer	Sri Ram Ayodhaya Prasad
Address	Vill-Sadiha, P.O- Sadiha, P.S + Block- Bhagwanpur
	Hat, Distt- Siwan, PIN-841439

Contact details (Phone, mobile, email Id)	9771438122			
Landholding (in ha.)	1.2			
Name and description of the farm/	Sri Ram Ayodha	ya Prasad block-	Bhagwanpur hat	
enterprise	Vill- Sadiha is an	n educated small	farmer. His main	
	source of income	is farming Earlie	er he used to grow	
	cereals on his fie	ld. His gross an	nual income was	
	Rs. 3,17,000.00	(Three lakh seve	enteen thousand)	
	from 3 acre la	nd. Once he ca	me to KVK for	
	technological gu	idance from KV	K scientists. He	
	participated in di	ifferent types of t	training related to	
	vegetable cultiva	ation, Vermi con	post preparation,	
	and mushroom	n cultivation	and tried to	
	commercialize h	is farming. He l	has also received	
	training from NA	ABARD, Siwan,	KVK, Siwan and	
	BAU Sabour. H	He produces ver	rmi compost for	
	selling as well as	s own farm use. A	Also prepares and	
	uses jeevamrit fo	or field crop and	bijamrut for seed	
	treatment. Today	Sri Ram Ayodha	ya Prasad became	
	a model for ba	nana cultivation.	Now his gross	
	annual income	Rs. 4,01,300.00	(Four lakh one	
	thousand three	hundred) annu	ally and lives a	
	better life.		-	
Economic impact	Total	Total	Net income(Rs.)	
	Expenditure	Income(Rs.)		
	(Rs.)			
	205700	401300	195600	
Social impact	He produces ver	mi compost for	selling as well as	
	own farm use. Also prepares and uses jeevamrit for			
	field crop and bijamrut for seed treatment. Today Sri			
	Ram Ayodhaya Prasad became a model for banana			
	cultivation.			
	Natural Farming			
Environmental impact	Natural Farming			



Banana cultivation

2. Success stories Organic vegetable farming Thematic Area: Organic farming Name:-Smt. Dyanti Devi Complete Address:, Vill- Chorauli, Block-BhagwnapurHat, Dist. Siwan



Introduction: A woman farmer from Chorauli was carrying out the cultivation of various crops like Paddy and wheat in her 1.5 acre of farm land under the traditional farming system. However, economic returns and the farm production was low due to improper utilization of the farm resources.

Resources Possessed: Farm land

Sources of Motivation: Krishi Vigyan Kendra

Technology and Innovation Adopted: Organic farming.

Achievements/ Results: A woman farmer from Chorauli was carrying out the cultivation of various crops like Paddy and wheat in her 1.5 acre of farm land under the traditional farming system. She came in connection with Krishi Vigyan Kendra, Bhagwanpur Hat, Siwan, and got to know new production techniques. She took the initiative to adopt the intensive farming with organic practices in her farm. For this, she acquired the required knowledge about organic farming through Krishi Vigyan Kendra, Bhagwanpur Hat by participating in various training programmes conducted by different scientists in KVK. Inspired by her achievement, several Developmental agencies and KVK approaches her as a regular resource person for the capacity development programmes to enlighten the farmers on intensive farming and organic farming.

Contributing Factors for Success of the Enterprise: Vegetable based organic farming.

Awards/ Recognitions Received: --

Brief Highlights of Success: Smt. Dyanti Devi has also been contacted regularly by the Agriculture Department under the ATMA and PKVY Programmes as resource person to provide advisory services and educate the farmers about the various Schemes and Programmes. She has adopted technologies of water harvesting, Farm Mechanization, Soil-test based Fertilizer Application, Fodder Production, Dairy Farming, Kitchen Gardening, Backyard Poultry (Desi Birds), Mulching and Drip Irrigation Techniques and ITKs Application. **Action Photographs:**





5. LINKAGES

5.1. Functional linkage with different organizations

S.No	Name of organization	Nature of linkage
1.	Dr.RPCAU, Pusa	Technical guidance of training & extension activities.
2.	DAO, Siwan	Joint implementation of training programme, diagnostic team visits, Demonstration & Research
3.	ATMA, Siwan	Joint implementation of training programme, diagnostic team visits, OFT, FLD,Demonstration& Research
4.	NFL	Awareness camp, motivational trainings and technical guidance
5.	IFFCO	Technical guidance in field day, trainings and demonstrations.
6.	JDA,Saran	Training and workshop
7.	BAMETI, Patna	Climate change training
8.	NABARD	Training to farmers club of NABARD, Siwan.
9.	PPL	Awareness programme and training
10.	PARIVARTAN, NGO	Kisan mela,& awareness programme
11.	Sugar factory, Sindholia	Awareness programme and training
12.	Nehru Yuva Kendra, Siwan	Awareness programme and training

13.	RSETTI, Siwan	Awareness programme and training
14.	GADA	Awareness programme and training
15.	DHO, Siwan	Awareness programme and training
16.	JIVEEKA	Training
17.	NRC LITCHI, Muzaffarpur	Training

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

a) Programmes for infrastructure development

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

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

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

6. PERFORMANCE INDICATORS

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

S1 Name of		Year	Area	Details of production			Amour		
No	demo Unit	of	(Sq.	Variety/bre	Droduco	Otv	Cost of	Gross	Remarks
110.	denio Unit	estt.	mt)	ed	Flouuce	Qty.	inputs	income	
1.	Vermicapos	201	10			30	5000	18000	In
	t	0				00			farm
						kg			Use
2.	Hatchery	202	-	Sonali	1250	15	25000	62,500	Sold
	unit	3				00			to
									farmer
	Total						30,000	80,500	

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Data of	Data of	ha)		Details of production			ount s.)	
		harvest	Area (ŀ	Variety	Type of Produc e	Qty.(q)	Cost of input s	Gross inco me	Remarks	
Wheat	24.11.202	15.04.202	4	DBW-	FS	177			Sold to	
	3	4		316					DSF	
Mustar	20.10.202	01.03.202	2	R.	TL	9.54			Dholi	
d	3	4		Suflam					under	
Potato	14.11.202	07.03.202	1	K-	CS	61			RPCAU	
	3	4		Sinduri						
Green	27.03.202	15.06.202	1	Viral	FS	3				
Gram	4	4								

Paddy	14.07.202	04.11.202	4	Rajendra	FS	99.4		
	4	4		Bhagwati		4		

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

Sl.	Name of the		Amou	nt (Rs.)	D 1
No.	Product	Qty. (Kg)	Cost of inputs	Gross income	Remarks
1.	-	-	-	-	-

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

S1.	Name	Deta	Details of production		Am	ount (Rs.)	
No	of the animal / bird / aquatics	Breed	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks
1.							
2.							
3.							

6.5. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others	Present status of functioning
	(pl. specify)	
2022	Bihar Govt.	Working

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)
January	39	15	
May- June	41	15	
Oct	40	15	
Total:	120	45	

(For whole of the year)

6.7 Utilization of staff quarters

- Whether staff quarters have been completed:
- No. of staff quarters:
- Date of completion:
- Occupancy details:

Months	QI	QII	Q III	QIV	QV	QVI
Sep. 2012	SS&H, all the Sci quarter and other	ientists, Staff are Staff quarter requ	residing in KVK, uires repairing	campus since Sep.	.2012. Condit	ion of Scientist

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Main Account	PNB	Bhagwanpur Hat, Siwan	1225002100001541

Revolving Account	PNB	Bhagwanpur Hat, Siwan	1225002100001550
MMHM Account	PNB	Bhagwanpur Hat, Siwan	1225002100002090
Non-ICAR Account	PNB	Bhagwanpur Hat, Siwan	1225002100003248
RPL UP Scaling Program A/c	PNB	Bhagwanpur Hat, Siwan	1225000100586150
Natural Farming System A/c	SBI	Basantpur, Siwan	42183548943
CFLD Oilseeds A/c	PNB	Bhagwanpur Hat, Siwan	1225000100585674

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

	Released by ICAR		Expenditure		Unspent
Item	Kharif	Rabi	Kharif	Rabi	balance as on 20.02.2025
Critical Input	NA		NA	2.8045	
Monitoring Distribution of Literature and Field Day	NA	8.375	NA	0.28124	4.73876
Training	NA		NA	0.2415	
Miscellaneous Expenditure	NA		NA	0.309	
Total	0.00	8.375	0.00	3.63624	4.73876

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

	Released b	by ICAR	Exper	Unspent	
Item	Kharif	Rabi	Kharif	Rabi	balance as on
					1 st April 2022
NA	NA	NA	NA	NA	NA

7.4. Utilization of KVK funds during the financial year 2024-25 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure as on 20.02.2025				
A. Re	A. Recurring Contingencies							
1	Pay & Allowances	1,21,49,495.00	1,21,49,495.00	98,17,755.00				
2	Traveling allowances	100,000.00	100,000.00	99,427.00				
3	HRD	25,000.00	25,000.00	4,000.00				
4	Contingencies							
A	Stationary, Telephone, Postage and other office charges, POL, repair of vehicle, tractor and equipment	4,14,000.00	4,14,000.00	2,55,782.33				
В	Training of Farmers/Rural Youth/Extension Functionaries/ Training Material	259,000.00	259,000.00	82,897.00				
С	FLD	110,000.00	110,000.00	45,313.00				
D	On Farm Testing	57,000.00	57,000.00	36,279.00				
E	Maintenance of Building	30,000.00	30,000.00	14,390.00				
F	Extension activities/ Exhibition, Kisan Mela etc.	40,000.00	40,000.00	3,225.00				
	TOTAL (A)	1,31,84,495.00	1,31,84,495.00	1,03,59,068.33				
B. N	B. Non-Recurring Contingencies							
1	Equipment	0.00	0.00	0.00				
	TOTAL (B)	0.00	0.00	0.00				
C. R	EVOLVING FUND	-	36,34,545.00	19,28,104.66				
	GRAND TOTAL (A+B+C)	1,31,84,495.00	1,68,19,040.00	1,22,87,172.99				

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2022-23	20,44,555.34	32,48,576.50	32,48,576.50	24,16,181.34
2023-24	24,16,181.34	46,04,212.00	46,04,212.00	34,35,978.83
2024-25	34,35,978.83	36,34,545.00	19,28,104.66	51,42,419.17 (As on 31.01.2025)

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	Season	With line department	With	With
	activities			ATMA	both
Former Scientist Intraction	02	Kharif &	DAO	ATMA	
Famer Scientist Intraction	02	Rabi	DAO		
Seed Production Field visit	05	Kharif &	SDAO		
by KVK Scientist	03	Rabi	SDAU		
Khorif abbiyon	01	Kharif	DAO, all line		
Kharn abhryan	01		departments officials,		
Dahi abbiyan	01	Rabi	DAO, all line		
Kabi abiliyali	01		departments officials,		

7.8 Revenue generation

Sl. No.	Name of Head	Income (Rs.)	Sponsoring agency
1.	-	-	-

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)
False smut	Paddy	October- November	16	65	
Red rot	Sugarcan e	July- August	40	80	
Die back	Mango	October	28	80	

8.2. Prevalent diseases in Livestock/Fishery

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

8.3. Nehru Yuva Kendra (NYK) Training

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

8.6 Details of 'Pre-Rabi Campaign' Programme

f	iion rs the	n'ble abha⁄ ha)	ate sters			Parti	cipants	s (No.)			by han	by nels
Date o	No. of Un Minister attended	No. of Hor MPs (Loks Rajyasab	No. of St Govt. Mini	MLAs Attended	Chairman ZilaPanch	Distt. Collector/	Bank Officials	Farmers	Govt. Officials,	Total	Coverage Door Dars	Coverage other chan
-	-	-	-	-	-	-	-	-	-	-	-	-

8.7 . Vikisit Viksit Bharat Sanklap Yatra

S1.	No of events attended	No. of Gram Panchayat covered	Total no of farmer participated	No of Lecture Delivered on Soil Health/ Natural Farming
01	70	70	30,603	70

8.8. 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	Siwan	Producti on and Manage ment technolo gy	05	96	KVK, has prepared contingent plan for Siwan district and delivered guidelines DAO, PD, DHO, BAO, Agri. coordinator, Kisan salahakar, ATM And BTM for Successful management in drought situation.

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

Date of Visit	Name of Hon'ble	Name of	Salient points in his/ her observation			
	Minister	Ministry	(2-3 bulleted points)			
23.01.2024	Dr. Shambhu Kumar		A very impressive KVK, doing excellent works in seed production of different crops.			

		89
	Ex. Head & Principal	
	Scientist CPRS	
08.04.2024	Dr. D. K. Roy	I wish all the best to all the Scientists & staffs
	DSF, Dholi	
20.06.2024	President Enterpreure	KVK, Siwan is doing proof work in
	association of India	mobilization of farmer
17.07.2024	Rajeev Bhushan Prasad	I visited KVK, Siwan and disused about the
	Director Coconut	activites of KVK and also dissussed about the
	Board	EDB, Schemes.
27.09.2024	Sr. Janardhan Singh	KVK, Doing well
	Sigriwal,	
	MP, Maharajganj	

8.10 Details of Scientific Advisory Committee (SAC) Meetings

Date	No of participants	Total statutory members present (sate line department)	Salient recommendations	Action Taken	If not, State reason
-	-	-	-	-	-

*Salient recommendations of SAC in bullet points

Details of other meeting related to ATARI

Date	Type of Meeting	Agenda	Representative from ATARI		
-	-	-	-		

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

Type of attachment	No of student trained	No of days stayed			
-	-	-			

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

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

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

Se aso n	Vill age Cov ere d (no.)	Blo ck Cov ere d (no.)	Dist rict Cov ere d (No .)	Resp onde nt (no.)	Tri al Na m e	Are a cov ere d (ha)	Na m of Cr op	Tech nolog y Optio ns	Va riet y na me	Dur atio n (Da ys)	So win g dat e	Harv estin g date	Da ys of Mat urit y	Gr ai N Yi el d (q/ ha)	Cost of culti vatio n (Rs/ ha)	Gr oss ret urn (Rs /ha)	Net Ret urn (Rs /ha)	B C R

11.2 Details of Tribal Sub Plan (TSP)

a. A	Achievements of physical output under TSP	1			
Sl.	Activities	Physical Achievem	lent		
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries		
a.	Farmer				
b.	Women				
с.	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)				
с.	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 oraginsed (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)				

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

c. Achievements of physical outcome under TSP during 2024

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

d. Location and Beneficiary Details during 2024

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

11.3. Details of Scheduled Caste Sub Plan (SCSP)

SI.	Activities	Physical A	Achievement
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	2	41
b.	Women	14	494
с.	Rural Youths	1	20
d.	Extension Personnel		
2)	OFT	1	7
3)	FLD	-	-
4)	Mobile agro- advisory to farmers	-	-
5)	Other activities		
a.	Participants in extension activities (No.)	1 (50	farmers)
b.	Production of seed (q)		
с.	Production of Planting material (No. in lakh)		
d.	Production of Livestock strains (No. in lakh)		
e.	Production of fingerlings (No. in lakh)		
FTSP	Testing of Soil, water, plant, manures samples (Nos.)		

11.4. NICRA (Technology Demonstration component)

Nam		NF	RM		Crop prod	uctio	0 n	Live	estock &	& Fisł	nerie	s	Cap Bui	acity lding		Extens Activit	ion ties
e of KV	Dem	onst	rati	Are a	Demonstr	ati	Are a	Demo	nstrati	Are a	No. anii	of ma	No of Cours	Farme	No pro	. of ogramm	Farme
K	(ons		(ha)	ons	((ha)	na) ons (ha) ls es rs			es		rs				
Zone	1V									1	1			1			
Siwa n			90	36		120	48		25	-	12	250	10	26	D	4	141
KV	Ks Naı	me	e Districts d									NIC	CRA Ad	lopted v	illage	e	
RF (mm) district			n) district	Te	Temperature Dry spell/ drought			In In	Intensive rain >60		ive Flood 60						
	Normal Receive		Received	Ma	ax.	Min.	> 10	>	15	>2	20	mm	Wa	ater D	uration		
									days	da	ys	day	ys		de (c	pth (m)	(days)
S	Siwan		109	95.99	932.89	4	3	5.8	1	4	2			3		-	-
Perfori	nances	of d	emon	stratio	n of in-situ n	noistu	ire co	nservati	on techn	ologie	S						
FST t	ype	Cro	op / se	ason (1	name)	Tech	nnolog	gy		No. of		Area	Yield	l Eco	nomio	es of demo	nstration
						demo	onstra	ated		farmer	S	(ha)/	(q/ h	a) (Rs.	ha)	1	
												Unit		Gro	SS	Net	BCR
					/									Cos	t	Return	
FST 3		Wł	neat R	labi 20	23-24	Zero	o tillag	ge		15		6	42.52	2 30,	500	50,276	2.65
FST 4		Wł	neat R	labi 20	23-24	Zero	o tillag	ge		15		6	44.35	5 30,	500	55,655	2.82
FST	3	Gr 20	een C 24	Gram	/ Summer	Zero	o tilla	age		30		12	10.2	5 15,	15,000 30,750		3.05
FST	4	Gr 20	een C 24	Gram ,	/ Summer	Zero	o tilla	age		30		12	10.62	2 15,	000	34,860	3.32

Performances of water harvesting and recycling for supplemental irrigation

FST type	Crop / season	Technology	No. of	Area	Yield	Econom	ics of	
	(name)	demonstrated	farmers	(ha)/	(q/ha)	demonst	ration (Rs/h	na)
				Unit		Gross	Net	BCR
						Cost	Return	
-	-	-	-	-	-	-	-	-

Performance of ZTD in various crops

FST type	Crop / season (name)	Technology demonstrated	No. of	Area	Yield	Economic	s of demons	tration	
	-		farmers	(ha)	(q/ha)	(Rs./ha)	(Rs./ha)		
						Gross	Net	BCR	
						Cost	Return		
FST 3	Wheat Rabi 2023-24	Zero tillage	15	6	42.52	30,500	50,276	2.65	
FST 4	Wheat Rabi 2023-24	Zero tillage	15	6	44.35	30,500	55,655	2.82	
FST 3	Green Gram /	Zero tillage	30	12	10.25	15,000	30,750	3.05	
	Summer 2024								
FST 4	Green Gram /	Zero tillage	30	12	10.62	15,000	34,860	3.32	
	Summer 2024								

Performance of artificial ground water recharge technologies demonstrated

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

Performance of different water saving irrigation methods

FST type	Crop / season (name)	Technology demonstrated	No. of	Area	Yield	Economic	s of demons	stration	
			farmers	(ha)/	(q/ha)	(Rs/ha)	(Rs/ha)		
				Unit		Gross	Net	BCR	
						Cost	Return		
FST 3	Wheat Rabi 2023-24	Zero tillage	15	6	42.52	30,500	50,276	2.65	
FST 4	Wheat Rabi 2023-24	Zero tillage	15	6	44.35	30,500	55,655	2.82	
FST 3	Paddy 2024	Community nursery	30	12	38.1	45,000	28,575	1.64	
FST 4	Paddy 2024	Community nursery	30	12	39.27	45,000	29,450	1.65	

Rainwater harvesting structures developed

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

Performance of different drought tolerant varieties

FST type	Crop / season	Technology demonstrated	No. of	Area	Yield	Economic	s of demon	stration
	(name)		farmers	(ha)/	(q/ha)			
				Unit		Gross	Net	BCR
						Cost	Return	
FST 3	Paddy 2024	Drought tolerant variety	30	12	38.1	45,000	28,575	1.64
FST 4	Paddy 2024	Drought tolerant variety	30	12	39.27	45,000	29,450	1.65

Performance of different short duration rice varieties

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

Performance of different flood tolerant varieties

FST type	Crop / season	Technology	No. of	Area	Yield	Economic	s of demon	stration	
	(name)	demonstrated	farmers	(ha)/	(q/ha)		(Rs/ha)		
				Unit		Gross	Net	BCR	
						Cost	Return		
FST 3	Paddy 2024	submergence tolerant	30	12	38.1	45,000	28,575	1.64	
		variety							
FST 4	Paddy 2024	Submergence tolerant	30	12	39.27	45,000	29,450	1.65	
		variety							

Performance of adva	ancement of planting	dates in	different	crops

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

Performances of water saving technologies for rice cultivation

FST type	Crop / season	Technology	No. of	Area	Yield	Economic	s of demon	stration
	(name)	demonstrated	farmers	(ha)/	(q/ha))			
				Unit		Gross	Net	BCR
						Cost	Return	
FST 3	Paddy 2024	Community nursery	15	6	38.1	45,000	28,575	1.64
FST 4	Paddy 2024	Community nursery	15	6	39.27	45,000	29,450	1.65

Integration of cropping system with other farming

	<u> </u>	8				
FST type	Crop / season	Fodder quantity (dry/	No. of	Area	Yield	% of reduced fodder
	(name)	green) utilized for	farmers	(ha)/	(q/ha))	purchase from outside
		livestock		Unit		
-	-	-	-	-	-	-

Performance of Community nurseries

FST type	Crop / season	Technology	No. of farmers	Area (ha)	Coverage	Economics o	f demonstratior	n (Rs/ha)
	(name)	demonstrated			area (ha)	CoC of	NR from	BCR
						nursery	nursery	
	Paddy	Community	30	-	12	18000	-	-
		nurseries						

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

Performance of different location specific intercropping systems

FST type	Crop / season	Technology	No. of	Area	Yield	Econom	ics of dem	onstration	
	(name)	demonstrated	farmers	(ha)/	(q/ha)		(Rs/ha)		
				Unit		Gross	Net	BCR	
						Cost	Retur		
							n		
-	-	-	-	-	-	-	-	-	

Performance of different crop diversification in NICRA villages

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

Performance of other demonstration

FST type	Crop / season	Technology	No. of	Area	Yield	E	conomics of	of
	(name)	demonstrated	farmers	(ha)/	(q/ha)	demo	nstration (F	Rs/ha)
				Unit	-	Gross Net		BCR

								95
						Cost	Return	
-	-	-	-	-	-	-	-	-

Performance of different fodder demonstration in community lands

FST type	Crop / season (name)	Technology	No. of	Area	Yield	Econon	nics of	
		demonstrated	farmers	(ha)/	(q/ha)	demons	s/ha)	
				Unit		Gross	Net	BCR
						Cost	Return	
-	-	-	-	-	-	-	-	-

Performance of improved fodder

FST type	Crop / season (name)	Technology demonstrated	No. of	Area	Yield	E	conomics	of
			farmers	(ha)/	(q/ha)	demo	nstration (l	Rs/ha)
				Unit		Gross	Net	BCR
						Cost	Return	
-	-	-	-	-	-	-	-	-

Performance of various vaccination camps organized

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

For Goat/ sheep/ pig

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

For poultry

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

Performance of fish in the ponds/ water bodies

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

								70
-	-	-	-	-	-	-	-	-

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

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

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

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

Performance of livestock demonstration in NICRA adopted villages (poultry)

FST type	Birds / season	Technology	No. of farmers	No. of	Body wt. (Kg /	Econor	nics of dem (Rs/ha)	ics of demonstration (Rs/ha)	
	(variety/breed)	demonstrated		birds/ unit	/ bird)	Gross Cost	Net Return	BCR	
FST 4	Sonali	Improved breed	25	50	2.61 kg/chick	7500	4577	1.61	

Performance of improved shelters for poultry and dairy animals

FST				Surviv	al rate]	Economic	s (Rs. /ha))
		No. of	Demo.	Demo	Local	%	Gross	Gross	Net	BCR
	Technology	farmers	Unit			Increase	Cost	Return	Return	
	demonstrated		size			in				
			(No.)			survival				
-	-	-	-	-	-	-	-	-	-	-

INSTITUTIONAL INTERVENTION

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

Revenue generated through Custom Hiring Centres and VCRMC in KVKs

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

Extension Activities

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

Technology Week celebration	02	25	14	39
Field day was organized on paddy variety Swarna Samriddhi	01	38	14	52
Kisan Mela 2024	01	37	13	50

Soil Health Card prepared and distributed

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

Convergence Programe

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

Dignitaries visited NICRA Villages

Name of KVK	Name of VIPs/Experts	Date of visit
Siwan	-	-

Newspaper Coverage

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

Success Stories (1-2 nos.)

Name of PI & Co-PI List

Name of KVK	Name of PI	Name Of Co PI
	Dr Jitendra Prasad , SS&H (From Sept 2024 to till date)	Er K.B.Chhetri, SMS (Agril Engg)
Siwan	Dr A. R. Kumari, SS&H (Till Sept 2024)	Dr Nandeesha C V, SMS (Plant Protection) (Till Sept 2024)
		Dr Harsha B R ,SMS (Crop Production) (Till Sept 2024)
		Dr Jonah Dakho ,SMS (Horticulture) (Till Sept 2024)

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

S. No.	Title of the training course	Period of Training program	Duration	Partici	pant No.	Category			
				Male	Female	General	OBC	ST	SC
1	Crop production techniques of paddy	13.06.2024 to 22.07.2024	01 day	63	13	10	66	-	-
2	Integrated Nutrient management in paddy/	04.09.2024 to 05.09.2024	01 day	45	22	-	-	-	77

	Vegetable								
	production								
3	Zero tillage in	16.11.2024 to	01 day	31	07	1	37	-	-
	wheat	20.11.2024	-						

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

S. No.	Title of the training course	Period of Training program	Duration	Participant No.		Category			
				Male	Female	General	OBC	ST	SC
1.	Crop production techniques of mustard	15.10.2024 to 17.10.2024	01 day	58	11	11	58	-	-

Table: Custom Hiring of Farm-Implement

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

Table: Village wise VCRMC

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

ICAR-Central Research Institute for Dryland Agriculture, Santoshnagar, Hyderabad <u>'Success story in NICRA TDC Villages"</u>

1	Name	First name:	Tara						
		Middle Nam	e: Chand						
		Surname: P	rasad						
2	Postal address	Vill-Mirjuml P.S + Block-	a, P.O- Chakiya, Bhagwanpur H	at.					
		Distt- Siwan	, PIN-841507,Bi	har					
		Phone:		Mobile: 9006516723					
3	Home town	Village: Miri	Village: Mirjumla District: Siwan						
		Taluk/Mand	al:	State:Bihar					
		Bhagwanpu	r Hat						
4	Age	49	49						
5	Education	B. A (History	B. A (History Hons.)						
6	Land holding (acres)	Irrigated:8		Rainfed:					
7	Farming experience	Crops	Area (acres)	Productivity (kg/acre)					
		grown:							
		1. Paddy	02	1577					
		2. Wheat	02	1786					
		3. Maize	2560						
		4. Potato	01	8000					
		5. Vegetables	04	6500					
		Livestock (n	o.):02	Poultry (no.):10000					
		Small rumin	ants (no.):	Farm machinery available: Spraying Machine- 01, Conoweeder-02, Tractor-03, Trolley-02, Reaper Binder-02, Tractor operated rice mill -01, Rotavator-01 cultivator-01 M B plough-01, Tractor operator chaff cutter-01 maize sheller-01, Thresher-02, zero tillage machine -01					
8	List the Rainfed/ Innovative farming	In situ water	harvesting:						
	technologies adopted	Ex-situ wate	r harvesting:						
		Improved va	rieties:						
		Farm machinery usage: Zero tillage machine , reaper cum binder, Tractor operated rice mill and farm machineries to increase mechanization.							
		Any other:							
9	Recognition Certificates, awards etc. already recieved)	i. Abh ii. Kisa iii. Forr	inav Kisan Pura in shree award-2 ned an FPO for	skar-2021 (By Dr.RPCAU) 020 (ATMA, Siwan) vegetable production					

	Received from (Name of the organization)	
10	Description of innovation/ adopted technologies - Farm / Climate resilient practices (1 or 2 practices) Describe in not more than 100 words and attach separately/ photo of the innovation/adopted technology)	Surrounding farmers benefit from his technologies like zero tillage, DSR, line sowing, and crop diversification. Practicing vegetable cultivation with 400% cropping intensity, he also runs a custom hiring center supported by KVK-led NICRA-TDC and Bihar government initiatives. This provides affordable machinery, improving farm output and saving time for marginal farmers in Mirjumla and nearby villages. He formed an FPO to promote vegetable cultivation and SHGs for community farming benefits. His poultry farm, with 10,000 birds, generates income and manure, inspiring 150 farmers to adopt intensive and sustainable practices, spreading these technologies across the region.
11	Process of innovation/ Adoption (Describe in not more than 100 words)	He introduced innovative practices like zero tillage, DSR, line sowing, and crop diversification, inspiring neighboring farmers to adopt these methods. With 400% cropping intensity, his vegetable cultivation demonstrates high efficiency. Establishing a custom hiring center through KVK-led NICRA-TDC and Bihar government support, he provides affordable machinery, boosting farm productivity and income in Mirjumla and nearby villages. He formed an FPO and encouraged SHGs for collective benefits. His 10,000-bird poultry farm generates manure for compost, reducing fertilizer use, and has inspired 150 farmers to adopt intensive, sustainable practices, spreading innovation locally.
12	Practical utility of the innovation/adoption of technology (Benefits- yeild/income/resource conservation etc.,)	The adoption of zero tillage, DSR, line sowing, and crop diversification has increased crop yields by 15-25% and reduced cultivation costs by 15-20%. His 400% cropping intensity in vegetable farming maximizes land use, generating higher income. The custom hiring center, supported by KVK- led NICRA-TDC and Bihar initiatives, offers machinery at lower costs benefiting many marginal farmers. His 10,000-bird poultry farm produces manure which reduces synthetic fertilizer use and enhancing soil fertility and promoting sustainable resource conservation.
13	Impact of innovation on other farmers (Quantify in terms of no. of other farmers adopted, area covered etc.)	His innovations have positively impacted over 150 farmers who adopted intensive farming practices. Through zero tillage, DSR, and crop diversification, approximately 200 hectares of land are now cultivated more efficiently. The custom hiring center provides affordable access to farm machinery, benefiting over 200 marginal farmers in Mirjumla and surrounding villages. Additionally, the poultry farm model has inspired neighbouring farmers to integrate poultry farming, enhancing soil fertility through compost use. These technologies have led to widespread adoption, significantly improving yields, reducing costs, and promoting sustainable resource management in the region.

14	Any other information pertaining to innovation/adoption of the technology not covered above	In addition to his primary innovations, he introduced low-cost onion storage units supported by the Bihar Horticulture Department, reducing post-harvest losses and extending shelf life. His efforts in forming an FPO and encouraging self-help groups (SHGs) strengthened collective marketing and improved farmers' bargaining power. As a *Kisan Salahkar*, he actively disseminates best practices and technologies through demonstrations and training. His participation in Kisan Melas and exposure visits further promotes knowledge sharing, accelerating technology adoption among farmers in Mirjumla and nearby villages.
15	Any other institutions related to	The spread of technology was facilitated by various institutions. The KVK-led NICRA-TDC program played a key role in promoting zero tillage, DSR, and custom hiring services. The Bihar government supported initiatives such as the low-cost onion storage unit and the custom hiring center, improving technology access for marginal farmers. Additionally, ATMA (Agricultural Technology Management Agency) in Siwan recognized and supported his efforts through awards like the *Kisan Shree Award*. Exposure visits, training programs, and participation in Kisan Melas organized by these institutions further accelerated the adoption of innovative practices among farmers in Mirjumla and surrounding villages.
16	Spread of the technology	Sri Tara Chand's spread technology through his custom hiring center, supported by KVK-NICRA-TDC and Bihar government initiatives, benefiting over 200 farmers. His adoption of zero tillage, DSR, and intensive farming inspired 150 farmers

Attachments: Good quality Photograph

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

Na me of Stat e	Na me of distr ict	No. of blocks alloca ted	No. of FPOs registe red as CBBO	Avera ge no of memb ers per FPO	No. of FPO received Manage ment cost	No. of FPO receiv ed Equit y Grant	Tech. backstop ping provided to no. of FPOs	No. of training program me organize d for FPOs for Technolo gy backstop ping as CBBO	Traini ng receiv ed by FPO memb ers (Y/N) If yes then major area	Assista nce to no. of FPOs in econo mic activitie s	Is Busin ess plan prepar ed for FPOs as CBBO s	Is Busin ess plan prepar ed for FPOs as withou t CBBO s	No. Of FPOs doing busin ess
								backstop ping as CBBO	then major area of trainin g		S	t CBBO s	
-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

S.N 0	Nam e of the FPO	Addres s of FPO	Registratio n No and Date	Propose d Activity	Commodit y Identified	Total No. of BOM Member	Total no of farmers attache	Financia l position (Rupees	Success indicato r
						S	d	in lakh)	
-	-	-	-	-	-	-	-	-	-

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
1	15 kattha	1	1	7	279	7	279

b. Details of OFT/FLD

OFT		
Nutritional Garden		
Bio-fortified Crops		
Value addition (in no. of Unit or no. of Enterprise)	Malted ragi, wheat and moringa based composite laddoo	Farmer Practice: Use of Ragi and wheat as a flour and none of the use of Moringa leaves TO1: Formulation – 95% malted Ragi-wheat flour mix,

	105
	5% drumstick leaves powder,
	Ghee 10% and Sugar 15%
	TO _{2:} 90 % malted Ragi-
	wheat flour mix, 10 %
	drumstick leaves powder,
	Ghee 10% and Sugar 20%
	TO_{3:} 85 % malted Ragi- wheat flour mix, 15 % drumstick leaves powder, Ghee 10% and Sugar 20%
Area (ha/ no. of Unit/Enterprise)	No. of farmers/ beneficiaries
40 kattha	42
	Area (ha/ no. of Unit/Enterprise) 40 kattha

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

S1.	Name of Nutri-Smart Village	Type of Nutrition Garden	Number	Area (sqm)	No. of beneficiaries
1.	Badkagaon	Backyard/Kitchen	10	200	10
		Garden			
2.		Community level			
3.		Terrace Garden			
4.		Vertical Garden			
TOTAL			10	200	10

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 benefi- ciaries
-	-	-	-	-	-	-	-

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	
Badkagaon	Ragi, Moringa & Wheat	Laddoo	FLD	15	

f. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Badkagaon	Benefits on nutri garden	2	48

g. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries	
Badkagaon	Benefits on nutri garden	2	48	

11.7 Attracting and Retaining Youth in Agriculture (ARYA)

Name	No of	Nam	Durat	Yout		No. of	No. of	No.	No.	Tot	Average	Total	Per	Sale	Gross	Econ	B:C	Employme
of	Skill	e of	ion	h	Establish	Groups	Memb	of	of	al	size of	Produc	unit	value	Retur	omic	Rati	nt
Enterpri	trainin	Traini	(Days	train	ed	Formed	ers in	Grou	pers	Via	each	tion	cost of	of	n/Unit	Gains	0	generated/
ses	g	ng)	ed	entrepren	for	each	ps	on	ble	entrepren	/unit /	Produc	Prod	/Year	/ unit		year
	condu			(No.	erial unit	establish	Group	activ	left	unit	erial unit	year	tion	uce	(Rs.)	(Rs.)		(manday
	cted)	(No.)	ment of		е	the	(No.			(Rs)	(Rs.)				@ 8 hr/
	(No.)					unit			grou)								day)
									р									
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

11.8 Out-scaling of Natural Farming Format

Geographical information

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

Physical information

Name of KVK	Name of activity	No of activities	No of participants	Participants (Male)				Participants (Female)							
		organized		GEN /OR	OB C	SC	S T	Othe	Total	GEN	OBC	SC	ST	Others	Total
				C	C		1	18							
	Training	12	480	225	-	10 8	0	0	333	134	-	46	0	0	480
	Awareness	03	210	47	-	7	0	0	54	120	-	37	0	0	161
	Demonstration	05	05	05	-	-	-	-	05	-	-	-	-	-	-
	Other activities														

	•	•	•	e		•
Ira	ın	ıng	in	tori	mati	ion
				LOLI	III CO C	

Tittle of Natural	Date of Training	Venue of programme	Participants (Male)				Participants (Female)							Remarks/ Observation/Feedback		
Farming training Programm e			GEN	OB C	S C	S T	Others	Tot al	GE N	O B C	S C	S T	Others	Tot al	GT	Recorded
Natural Farming	30-31- .01.2024	KVK Siwan	34		6	0	0	40	0		0	0	0	0	40	
Natural Farming	30-31- .01.2024	KVK Siwan	34		6	0	0	40	0		0	0	0	0	40	
Natural Farming	02- 03/02/2024	KVK Siwan	20		9	0	0	29	2		9	0	0	11	40	
Natural Farming	05- 06/02/2024	KVK Siwan	18		14	0	0	32	1		7	0	0	8	40	
Natural Farming	4- 5/03/2024	KVK Siwan	8		19	0	0	27	19		3	0	0	22	40	
Natural Farming	7- 8/03/2024	Village Sahsaraon	0		28	0	0	28	28		0	0	0	28	40	
Natural Farming	9- 10/03/2024	Village Malik Tola	20		10	0	0	40	10		0	0	0	10	40	
Natural Farming	11- 12/03/2024	Village Dumra	25		5	0	0	30	5		8	0	0	13	40	
Natural Farming	27- 29/03/2024	KVK Siwan	29		7	0	0	36	7		2	0	0	9	40	
Natural Farming	13-14- .03.2024	Kaladumra	5		0	0	0	5	33		2	0	0	35	40	
Natural Farming	15- 16.03.202 4	Saidpura	32		4	0	0	0	4		0	0	0	4	40	
Natural Farming	17- 18.03.202 4	Sonbarsa	0		0	0	0	0	25		15	0	0	40	40	

Tittle of NaturalDate of AwarenessVenue of programme				Par	ticip	ants	(Male)			Pa	rtici	pant	s (Female	e)		Remarks/Observation/F eedback Recorded
Farming Awareness programm e	programme		GEN	OB C	S C	S T	Others	Total	G E N	O B C	S C	S T	Others	Total	GT	
Science of Natural Farming and way forward	01.02.2024	KVK, Siwan	29		7	0	0	36	7		2	0	0	9	40	
Awareness natural farming	20.03.2024	Sonbarsa	0	0	0	0	0	0	7 3	0	2 3	0	0	100	100	
Awareness natural farming	22.03.2024	Bankat	18	0	0	0	0	18	4 0	0	1 2	0	0	52	70	

Any other Programme /Activity organized for Natural farming promotion

Name of the Innovative programme organized	Significance of innovative programme	Remarks/Observation/Feedback Recorded
-	-	-

Details of Beneficiaries under Demonsatration at Farmer's Fields

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

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

Name of	Сгор	Variety	Season	Name of Natural Farming components/Technology demonstrated	Area	Detail	Observations Recorded						
Activity			(Kharif		(ha) in	of	Name of	Performance					
			/Rabi/ Summer)		Natural farming practice	farmer practice	parameter	Without NF practice	With NF practice				
							Plant height (cm)						
							Other relevant						
							parameter						
							Yield (q/ha)						
							Cost of cultivation						
							(Rs/ha)						
							Gross Return						
							(Rs/ha)						
							Net Return (Rs/ha)						
							B:C Ratio						
							Soil PH						
							Soil OC (%)						
							Soil EC (dS/m)						
							Available N						
							(Kg/ha)						
							Available P (Kg/ha)						
							Available K						
							(Kg/ha)						
							Soil Microbes (cfu)						
							Any other, specify						
Feedback of farmer													
				Inf	formation (of Farmer	Already	Practicing	g Natural F	arming			
-----	---------------	---------	---	------------------------	-------------	-----------	---	--	-----------------------------	--------------------------------------	--	---	-------------------------------------
S.	Name of	Name of	Name of Villago	No. of	Land	Normal	No. of	Area	Crop	Natural	Observations	Recorded	
0.	District	Farmer	and address with contact No	nous (Desi Cows)	(ha)	Grown	rears practi cing in Natur al Farmi ng	(na) Covered under Natural Farming	under Natural Farming	Technology practicing/ adopted	Name of parameter	Perform Witho ut NF practic e	nance With NF pract ice
											Plant height (cm) Other relevant parameter		
											Yield (q/ha) Cost of cultivation		
											(Rs/ha)		
											(Rs/ha)		
											Net Return (Rs/ha) B:C Ratio		
											Soil PH		
											Soil OC (%) Soil EC (dS/m)		
											Available N (Kg/ha)		
											Available P (Kg/ha) Available K (Kg/ha)		
											Soil Microbes (cfu)		
Eas	dhaalr of for										Any other, specify		

Soil Data information

Soil Parameter for Demo plot at KVK Farm Before crop sowing

After harvesting

109

															110
Seas	С	р	EC	OC	N	Р	K		pН	EC (dS/m)	OC (%)	N	Р	K	Soil
on	ro	Ĥ	(dS/m)	(%)	(Kg/ha)	(Kg/ha)	(Kg/ha)	Soil	-			(Kg/ha)	(Kg/ha)	(Kg/ha)	Microbe
	р							Microbes (cfu)						· · · · ·	s (cfu)
-	-	-	-		-	-	-	-	-	-	-	-	-	-	-

Soil Parameter for Non-Demo plot at KVK Farm

Seas	C				Before crop	sowing					A	fter harvesting			
on	ro p	р Н	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microb es (cfu)	pН	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/h a)	Soil Micro bes (cfu)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Soil Parameter for Demo plot at Farmer's Field

Seas	C	Bef	fore crop s	owing					After h	narvesting					
on	ro p	р Н	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microb es (cfu)	рН	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/h a)	Soil Micro bes (cfu)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Seas	С	Bef	ore crop s	owing					After h	narvesting					
on	ro	р	EC	OC (%)	N (Kg/ha)	P (Kg/ha)	K		pН	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	Κ	Soil
	р	Η	(dS/m)		_	_	(Kg/ha)	Soil				-	_	(Kg/h	Micro
							-	Microb						a)	bes
								es (cfu)							(cfu)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								111

Financial information

	Budget I	Expenditure (in Rs) for FY 20	24-25	
Name of activity	Number of activities organized	Budget sanction (Rs)	Budget expenditure (Rs)	Total Budget Expenditure (Rs)
Training		NA	1,600.00	247.50
Awareness Programme		NA	NA	NA
Demonstration		NA	NA	NA
Miscellaneous		NA	NA	NA
Total		NA	1,600.00	247.50

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

11.7 CRA (Climate Resilient Agriculture)

Technology demonstrated / interventions	Cropping system	Farn crop deme	ning S under onstra	ystem r tion	Area u Demoi (in acr	inde nstra e)	r ition	No. far und der on	. of mers der nonstr	ati	Cat	eg	ory		Crop (q/ha) Yield	l	Sy ste m pr od uct ivit	Tot al retu rn (Rs./ ha)	Yield obtain ed under Farme r Practic	Exp osur e visit (no.)	Num ber of farm ers unde r
		Kh	Ra bi	Sum	Kha rif	R	Su	M	Fe	T	S C	S T	O P	Ge	Kh ori	Ra bi	Su	y (q/		es (q/ha)		expos ure
		f	DI	mer	m	a bi	me r	e	le	al	C	1	В С	11	f	UI	me r	ha)				
Direct Seeded Rice, Zero tillage wheat	Rice- Wheat-	Ric e	Wh eat	Gree n	150	1 5 0	150	4 1 8	57	4 7 5	5 2	0	15 7	266	38	42	34	11 4	137 350	91.2		

																						112
and green	Green			Gra																		
gram	Gram			m																		
Direct Seeded	Dico	Ric	W/h			2		4		4	5		16		36			77				
Rice, Zero	Wheat	P	eat	-	234	3		3	59	9	4	0	3	276	50.	41		5	617	63.5		
tillage wheat	Wheat	C	cut			4		4		3			3		5			5	50			
INM AWD & CI			Pot	-																		
in Rice,	Rice-	Ric	ato			8		2		2	2				37			27			4	304
Intercropping	Potato+	e	+M		85	5	-	1	30	4	7	0	82	139	5	235	-	25		220.7	•	501
	Maize	C	aiz					9		9	,				5			2.5	222			
			е																100			
Raised Bed	Maize-			Gree				1		1	1							19				
Planting, Line	Lentil-	Mai	Len	n		5		4	19	6	8		53	90				1	164	152.8		
sowing, ZT G	Green gram	ze	til	gram	50	0	50	2		1	Ŭ	0			48	110	33	-	350			
DSR. Line	Rice-	Ric	Mu	Mille		2		8		9	1											
sowing	Mustard-	e	star	t	25	5	25	0	11	1	0	0	30	51	37	15		64	880	51.2		
	Millet	C	d			Ĵ		Ŭ		_	Ŭ						12		50			
		Mai																				
		ze						1		1												
Raised Bed	Maize with	wit			80			0	15	2	1	0	41	69	50			50		39		
Planting	Arhar	h						8	10	3	4	Ũ		00				50				
		Arh																	782			
		ar																	50			

11.8 District Agro Meteorological Unit (DAMU)

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

11.9 KSHAMTA

Number of Adopted Villages	No. of A	ctivities	No. of farme	ers benefited
Tumber of Mulpreu Vinages	Demo	Training	Demo	Training
	-	-	-	-

11.10 Agri-Drone

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

Details of Demonstrations under Agri-drone Project

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

Demos on weedicide spray	-	-	-	-	-	-	-
Demos on	-	-	-	-	-	-	-
nutrient							
spray							

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

Varieties used	Situations (Irrigated/ Rainfed)	Varieties used in FP	Yield (Kg/	d ha)	YIOFP (%)	COC (Rs./h	a)	GMR (Rs./	t ha)	ANMR (Rs./ha)	B:C r GMR	atio /CoC
			IP	FP		IP	FP	IP	FP		IP	FP
-	-	-	-	-	-	-	-	-	-	-	-	-

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

12. OTHER INDFROMATION

12.1 Integrated Farming System (IFS)

a. Details of KVK Demo. Unit

Sl. No.	Module details (Component- wise)	Area under IFS (ha)	Production (Commodity- wise)	Cost of production in Rs. (Component- wise)	Value realized in Rs. (Commodity- wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
-		-	-	-	-	-	-

b. Activities under IFS

S1.	Component	Area	No. of Activition	No. of farmers
No.	Name	(ha)	No. of Activities	benefited

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		No. of KVKs under the Component	No. of Components established		Demo	Training	Demo	Training
1.	-	-	-	-	-	-	-	-

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

	Database prepa	ared/ covered for	KVK level	Committee	Various activity	
Phase	Total no. of	Total no. of	Date of	Name of	conducted for farmers	
	villages	farmers	formation	members	conducted for farmers	
Ι	-	-				
II	-	-				
Total	-	-				

12.3. PPV & FRA Programme

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

Details of plant varieties registered

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

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

Date/ Duration	Total No. of A stimition we downlow	No. of Participants				
of Observation	Total No of Activities undertaken	Staffs	Farmers	Others	Total	
2nd -31st Oct 2024	29	9	287	12	307	

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

Date/ Duration	Total No. of A stimition undertaken	No. of Participants			
of Observation	Total No of Activities undertaken	Staffs	Farmers	Others	Total
15 Dec -31st Dec 2024	17	9	187	08	204

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

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

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12.5 <u>Good quality action photographs with caption in JPEG FORMAT SEPARATELY of overall</u> <u>achievements of KVK during the year</u>
