PROGRESS REPORT

(1st January 2024 - 31st December 2024)

KRISHI VIGYAN KENDRA, KHAGARIA

(Bihar Agricultural University, Sabour, Bhagalpur)

ANNUAL PROGRESS REPORT
(January, 2024 to December, 2024)

1. GENERAL INFORMATION ABOUT THE KVK

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

Name and address of KVK	Telephone		E-Mail
	Office	FAX	
Krishi Vigyan Kendra, Khagaria	**NA**	**NA**	**kvkkhagaria@gmail.com**

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

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

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Sri N.K. Singh	**KVK, Khagaria**	**7903714090**	**kvkkhagaria@gmail.com**

1.4. Year of sanction of KVK : F.No. 602/2010 – AE - I

1.5. Year of start of KVK: 2011

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

Sl. No.	Sanctioned Post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
1.	Senior Scientist& Head	Dr. Bipul Kumar Mandal	Senior Scientist and Head	Horticulture	37400-67000 GPA - 9000	29.03.2001	Permanent	OBC
2.	Subject Matter Specialist	Sri Nanda Kishore Singh	Subject Matter Specialist	Plant Protection	15600-39100, GPA - 7000	11.06.2009	Permanent	GEN
3.	Subject Matter Specialist	Sri Jitendra Kumar	Subject Matter Specialist	Agronomy	15600-39100, GPA - 7000	13.06.2009	Permanent	GEN
4.	Subject Matter Specialist	Dr. Rupam Rani	Subject Matter Specialist	Horticulture	15600-39100, GPA - 5400	08.11.2023	Permanent	EBC
5.	Subject Matter Specialist	Sri Dhananjay Paswan Das	Subject Matter Specialist	Ag. Engg.	15600-39100, GPA - 5400	13.02.2024	Permanent	SC
6.	Subject Matter Specialist	Vacant	SMS					
7.	Subject Matter Specialist	Vacant	SMS					
8.	Programme Assistant	Vacant	Lab Technician					
9.	Computer Programmer	Smt. Soni Kumari Singh	Programme Assistant (Computer)	-	9300 – 34800, GPA - 4200	13.05.2013	Permanent	EBC
10.	Farm Manager	Sri Mukesh Kumar	Farm Manager	-	9300 – 34800, GPA - 4200	26.10.2012	Permanent	OBC
11.	Accountant / Superintendent	Vacant	Assistant	-	-	-	-	-
12.	Stenographer	Vacant	Stenographer	-	-	-	-	-
13.	Driver	Sri Pankaj Kumar	Driver	-	5200-20200	09.05.2015	Permanent	OBC
14.	Driver	Sri Sunil Choudahry	Driver	-	5200-20200	18.05.2015	Permanent	SC
15.	Supporting staff	Vacant						
16.	Supporting staff	Vacant						

1.6. Total land with KVK (in ha) : 12.5 ha

S. No.	Item	Area (ha)	Name of Infrastructure
1	Under Buildings	1.00	Administrative Building, Farmers Hostel, Staff Quarter, Implement Shade
2.	Under Demonstration Units (NHM + IFS)	1.50	NHM, IFS (Fish Pond, Poultry, Duckry, Honey Bee, Crop Production area) Natural Farming, Vermicomposting Unit, Mushroom Hut, Poly House, Shade Net House
3.	Under (Seed Production)	7.00	Seed production Farm, Threshing Floor, Go down
4.	Under CRA(LTE Plot)	1.00	LTE Plot
5.	Approach Road and others	2.00	Road, Crop Cafeteria, Motivational area
Total		**12.50**	

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

SL. No.	Name of Infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Functional / Non functional	Source of funding
1	Administrative Building	-	-	-	-	Completed	550 m^2	Functional	ICAR
2	Farmers Hostel	-	-	-	-	Completed	309.73 m^2	Functional	ICAR
3	Staff Quarters (6)	-	-	-	-	Completed	334 m^2	Functional	ICAR
4	Piggery unit	-		-	-	-	-	-	-
5	Fencing	Not yet started	-	-	-	-	25000 m^2	Functional	Bihar Govt.
6	Rain Water harvesting structure	-	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	Completed	1200 m^2	Functional	ICAR
8	Farm godown	-	-			Completed	200 m^2	Functional	ICAR
9	Dairy unit	-	-	-	-	-	-	-	-
10	Poultry unit	-	-	-		Completed	. 200 sq. ft.	Functional	Bihar Govt.
11	Goatary unit	-	-	-	-	-	-	-	-
12	Mushroom Lab	-	-	-	-	-	-	-	-
13	Mushroom production unit					Completed	150 m^2	Functional	ICAR
14	Implement Shade house					Completed		Functional	Bihar

									Govt.
15	Soil testing Lab	-	-	-	-	-	-	-	-
16	Net house	-	-	-	-	Completed	25*20 m^2	Functional	NHM
17	Poly house	-	-	-	-	Completed	25*12 m^2	Functional	NHM
18	Others, Please Specify NARI Demo Unit	-	-	-	-	Completed	5*4 m^2	Functional	ICAR
19	IFS Model	(Pond, Poultry and Crop Production Completed)	-	-	-	Completed	1 acre	Functional	Bihar Govt.
20	Small Nursery Model		-	-	-	Completed	1.0 ha	Functional	Bihar Govt
21	Vermicompost Unit (Swachhata Abhiyan)		-	-	-	Completed	10*6 ft	Functional	ICAR

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero Jeep (BR 34P 1864)	2012	512300.00	242232 Km.	Extremely Poor Condition
Tractor Mahindra (25 HP)	2012	434000.00	1786 hr.	Average Condition
Tractor Holand (55 HP)	2022	941151.70	336 hr.	Good Condition
Motorcycle 1 (BR34J - 9294)	2015	60000	32693 Km.	Average Condition
Motorcycle 2 (BR34J - 9295)	2015	60000	32134 Km.	Average Condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
GPS Navigator	2016	17593.00	Good	ICAR

Compound Microscope	2016	34780.00	Good	ICAR
Mini Soil Test Kit	2017	170016.00	Not working	ICAR
Augur Pipe	2020	200.00	Poor Condition	GKMS
b. Farm machinery				
Diesel Pump Set	2012	39,000.00	Not working	ICAR
Tractor	2012	434000.00	Average Condition	ICAR
c. AV Aids				
Computer (HP), printer & scanner	2013	47,067.00	Good	ICAR
HP Slim Desktop, 10th Generation	2022	39990.00	Good	ICAR
Kingeston 240 GB, SSD	2022	4000.00	Not working	ICAR
HP Slim Desktop, 10th Generation	2022	40000.00	Good	ICAR
Kinhrdyon 240 GB, SSD	2022	4000.00	Good	ICAR
Sandisk 128 GB Extreme micro SD	2022	3400.00	Not working	ICAR
ATDS Collar Microphone (UH600)	2022	24000.00	Good	ICAR
Seagate	2022	6200.00	Not working	ICAR
Laptop (15.6” Led)	2022	65100.00	Good	ICAR
Printer (HP Never stop Laser)	2022	15169.00	Average	ICAR
Speaker Ball Booster	2022	5932.20	Good	ICAR
Xerox Machine (RICOH)	2013	61,286.00	Not working	ICAR
Digital Camera (Sony)	2013	14,700.00	Not working	ICAR
Projector	2013	82,968.00	Not working	ICAR
Public Address System	2014	45,000.00	Good	ICAR
HP Laptop	2014	45000.00	Good	ICAR
Digital Camera (Sony)	2016	7990.00	Not working	ICAR

HP Laptop	2016	82583.00	Good	RKVY
Computer (Dell)	2016	90000.00	Good	ICAR
Xerox Machine (Xerox 5022) with Accessories	2016	90679.00	Not working	RKVY
Digital Camera (Cannon)	2016	29600.00	Good	RKVY
Video Camera Handy Cam (Sony)	2016	82871.00	Good	RKVY
Projector with Accessories	2016	52000.00	Not working	RKVY
CCTV	2016	33000.00	Good	ICAR
LED Flood Light	2016	6500	Good	RKVY
HP Laptop with Accessories	2019	58400	Good	GKMS
Mobile Phone (Redmi Note 5 Pro) 02 Nos.	2019	29000	Not working	GKMS
Motor	2019	29000.00	Good	CRA
PC Godrej Computer Table	2020	8543.00	Good	ICAR
Godrej (3 PC)	2020	46238.00	Good	ICAR
Godrej S/L (2 PC)	2020	27206.00	Good	ICAR
Godrej 4 Door book case	2020	23491.00	Good	ICAR
Godrej Table (4 PC)	2020	69668.00	Good	ICAR
Godrej Rack	2020	5469.00	Good	ICAR
Godrej Sofa (3 Seater)	2020	22653.00	Good	ICAR
Godrej Sofa (1Seater)	2020	14320.00	Good	ICAR
Godrej AC	2020	37400.00	Good	ICAR
KK Enterprises, Patna (50 Chair)	2022	93000.00	Good	ICAR
Samsung AC	2022	38000.00	Good	ICAR
Modern Cine sound service	2022	24000.00	Good	ICAR
Complete vision	2022	35000	Good	ICAR

Woodland Steel Khagaria	2022	22892	Good	ICAR
Woodland Steel Khagaria	2022	13688	Good	ICAR
Banana Fiber Extraction Machine	2022	75000	Good	ICAR
Mobile (Samsung)	2024	20000	Good	ICAR
GM Atrblast Faratta Fan (02 Pc)	2023	6525.42	Good	Bihar Govt.
EPSON Projector	2024	79000.00	Good	Bihar Govt.
Mantra IRIS Biometric Scanner	2024	7300.00	Good	ICAR Fund
Brush Cutter Aspee 2 stroke sidepade	2024	13,500.00	Good	ICAR Fund
HP Desktop Computer	2024	70,000.00	Good	ICAR Fund
UPS delta Vx600 VA	2024	2700.00	Good	ICAR Fund
Chair (04)	2024	22,000.00	Good	ICAR Fund
Trunk (02 Pc)	2024	9,600.00	Good	ICAR Fund

D) Farm implements

Name of Implements	Year of purchase	Cost (Rs.)	Present status	Source of fund
9 Tine Cultivator	2012	22000.00	Not working	ICAR
Disc harrow	2013	44000.00	Good	ICAR
Zero Till Drill Machine (9 Tine)	2014	38,500.00	Not Working	ATMA
9 Tine Cultivator	2017	17000.00	Good	ICAR
Happy Seeder (02)	2019	Central purchasing	Non working	Bihar Govt.
Maize Planter (CRA)	2020	73000.00	Good	Bihar Govt.
National Multi Crop Planter (11 Row)	2022	88019.00	Good	Bihar Govt.
Rice Wheat Seeder (2 PC)	2022	20000.00	Good	Bihar Govt.

Tractor Trolley	2022	179200.00	Good	Bihar Govt.
High Speed Hay Rack	2022	379724.00	Good	Bihar Govt.
Weighing Machine	2022	3800.00	Good	Bihar Govt.
Self Propelled vertical convener Reaper	2022	124803.00	Good	Bihar Govt.
Weeder & Ridger	2022	50910.00	Good	Bihar Govt.
Laser Land leveler	2022	272321	Good	Bihar Govt.
Raised Bed Planter	2022	88392.00	Good	Bihar Govt.
Thresher	2022	156000.00	Good	Bihar Govt.
Straw Bailer (Shaktiman)	2022	1238980.00	Good	Bihar Govt.
National Zero Till Seed Cum Fertilizer	2022	141000.00	Good	Bihar Govt.
Sonalika Rotavator	2022	108000.00	Good	Bihar Govt.
Tractor Mounted Sprayer	2022	193520.00	Good	Bihar Govt.
Drum Seeder 06 Piece	2022	54000.00	Good	Bihar Govt.
Punching Dibbler	2024	2155.00	Good	ICAR Fund
Rotary Dibbler	2024	8182.00	Good	ICAR Fund

2. Priority thrust areas of KVK

SL.No	Thrust area
1.	Increasing productivity of maize, banana and orchard crops in upland areas.
2.	Increasing productivity of grain and pulse crops in medium land.
3.	Increasing fish culture and integrated aquaculture in low land areas.
4.	Increasing cultivation of cucurbits, vegetables, pulse and oilseed crops as well as summer maize in diara areas.
5.	Income generation of rural youth through, Mushroom Cultivation, Goatry, Poultry and Processing of fruits, vegetables.
6.	Enhancing productivity of milch cattle through their scientific management.
7.	Organic cultivation of fruits and vegetables

8.	Bee keeping and production of honey
9.	Awareness among the farmers through Natural Farming on oil seeds, pulses, fruits,vegetables and cereals as a low cost farming .
10.	Awareness of the contribution of millet to Food Security and nutritionamong farmers and farm women.

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

Sl. No.	Item	Information	
1	Major Farming system/enterprise	Paddy-Wheat/Maize-Green gram	
		Animal Husbandry	
		Banana cultivation and orchard development	
		Fish Culture	
2	Agro-climatic Zone	Zone-II, North – East Alluvial Plain (BI-2)	
3	Agro ecological situation	Upland sandy soil Medium land with Sandy loam soil Low lying clay soil with flood and water logged condition Diara Land with sandy to loamy soil	
4	Soil type	Sandy loam to clay loam	
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Cereals	Productivity (q/ha)
		Paddy	31.95
		Maize	
		Kharif	30.00
		Rabi	80.11
		Summer	30.74
		Wheat	32.05
		Pulses	
		Lentil	7.81
		Moong	7.20
		Oilseed	

		Rai	8.19
		Fruits	
		Banana	228.00
		Mango	174.00
6	Means yearly temperature, rainfall, humidity of the district	Temperature – 25o C, Rainfall – 1170 mm	
7	Production of major livestock products like milk, egg, meat etc.	Cow	1,60,252 lit/annum
		Buffalo	1,45,802lit/annum

2.b. Details of operational area / villages (2024)

Sl.No.	Name of Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified (Crop-Wise)	Identified Thrust Areas
1	KHAGARIA	Khagaria	Ranko, Chandranagar Mehsouri	Mango, Wheat, Paddy, Maize, Vegetables, Live Stock, Poultry, Dairy, Bee Keeping	Imbalanced use of fertilizers, Lack of proper package of practices for cereal crops, Poor productivity of orchards, Lack of proper management of insect pest and disease	Improved management of existing orchards, Introduction of high yielding varieties of crops, scientific cultivation of cereal crops, IPM and IDM. Scientific management of disease of poultry and feed management
2		Mansi	Amni, Balha,	Mango, Wheat, Paddy, Maize, Vegetables, Sugarcane, Live Stock, Mushroom Production	Imbalanced use of fertilizers, Lack of proper package of practices of cereal crops, poor productivity of orchards, Lack of proper management of insect pest and disease	Improved management of existing orchards Introduction of high yielding varieties of crops, scientific cultivation of cereal crops, IPM and IDM
3		Alouli	Mujhouna , Asurar, Imli, Budhwa Parri	Banana, bee keeping and mushroom	Lack of knowledge about latest technology and	Production , promotion and marketing of tissue culture

4		Gogari	Pasraha, Sondiha, Dina Chakla, Mahadipur, Gouchhari,	cultivation.	income generation	Banana, bee keeping and mushroom cultivation
5		Choutham	Adabari, Devka, Malpa,	Banana, Mushroom cultivation	Lack of knowledge about latest technology and income generation	Production , promotion and marketing of tissue culture Banana, bee keeping and mushroom cultivation
6		Parbatta	Karna, Telia bathan, Bandehra	Bee keeping, banana and Mushroom cultivation	Lack of knowledge about latest technology and income generation	Production , promotion and marketing of tissue culture Banana, bee keeping and mushroom cultivation
7		Beldour	Pansalwa	Mushroom cultivation Poultry (Chicks)	Lack of knowledge about latest technology and income generation	Production , promotion and marketing of bee keeping, chicks and mushroom cultivation

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
Rako, Chandranagar, Mehsouri	Khagaria	PRA survey ,OFTs, FLDs , Training, Kisan pathshala uner CRA, and exposure visits of farmers and Farmers Awareness Programme under GKMS, CRA,SCSP, CFLD, Natural Farming
Mujouna, Asurar,	Alouli	PRA survey OFTs, FLDs , Training, Kisan pathashala and exposure visits of farmers and Farmers Awareness Programme under GKMS, CRA, SCSP, CFLD, Natural Farming
Amni	Mansi	FLDs , Training, exposure visits of farmers and Farmers Awareness Programme, Natural Farming

3. TECHNICAL ACHIEVEMENTS

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

OFT												FLD										
No. of technologies tested:												No. of technologies demonstrated:										
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
08	**08**	**61**	**0**	**0**	**0**	**0**	**61**	**0**	**61**	**0**	**61**	**05**	**05**	**86**	**03**	**0**	**0**	**0**	**83**	**0**	**86**	**0**	**86**

Training											Extension activities										
Number of Courses		Number of Participants									Number of activities		Number of participants								
Target	Achievement	Target	Achievement								Target	Achievement	Target	Achievement							
			SC		ST		Others		Total					SC		ST		Others		Total	
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
200	**214**	**5000**	**1754**	**874**	**0**	**0**	**3694**	**1064**	**5448**	**1938**	**7386**	**1000**	**1109**	**8000**	**2339**	**520**	**0**	**0**	**8597**	**1541**	**8614**	**1549**	**10387**

Impact of capacity building										Impact of Extension activities										
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T
833	**833**	**12**	**04**	**0**	**0**	**35**	**08**	**47**	**12**	**59**	**18**	**18**	**25**	**11**	**0**	**0**	**75**	**53**	**100**	**64**	**164**

Seed production (q)			Planting material (in Lakh)		
Target (Crop and variety)	Achievement (q)	Sold (q)	Target (crop and variety)	Achievement	Sold (number)
145	**142**	**Seed Sold by DSF at BAU, Sabour, Bhagalpur**	**20,000**	**20,000**	**20,000 (Rs/ 24,883)**

Livestock strains (in no's) and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement

* 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)

A	**Technologies assessed under various crops (Cereal Crop Production)**			
	Thematic areas	**Number of the technologies (Technology Interventions)**	**No. of trials**	**No. of Locations**
1	Integrated Nutrient Management	**02**	**16**	**Nirpur, Amni**
2	Varietal Evaluation	**0**	**0**	
3	Integrated Pest Management			
4	Integrated Crop Management	**0**	**0**	
5	Integrated Disease Management	**01**	**08**	**Asurar, Mujouna**
6	Small Scale Income Generation Enterprises	**0**	**0**	
7	Weed Management	**0**	**0**	
8	Resource Conservation Technology	**0**	**0**	
9	Farm Machineries	**0**	**0**	
10	Integrated Farming System	**0**	**0**	
11	Seed / Plant production	**0**	**0**	
12	Post Harvest Technology / Value addition	**0**	**0**	
13	Drudgery Reduction	**01**	**07**	**Rako, Imli, Pitaunjhiya**
14	Storage Technique	**0**	**0**	
15	Others (Pl. specify)	**0**	**0**	
16	Cropping Systems	**0**	**0**	
17	Farm Mechanization	**0**	**0**	
18	Others	**0**	**0**	
	Total			
B	**Technologies assessed under various crops (Hort crops.)**			
	Thematic areas	**Number of the technologies (Technology Interventions)**	**No. of trials**	**No. of Locations**
1	Integrated Nutrient Management			
2	Varietal Evaluation			
3	Integrated Pest Management	**02**	**16**	**Mehsouri, Amni, Bhadas, Malpa, Dina chakla**

4	Integrated Crop Management			
5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises	**01**	**07**	**Kulhariya**
7	Weed Management	**0**	**0**	**0**
8	Resource Conservation Technology	**0**	**0**	**0**
9	Post-harvest Technology / Value addition	**0**	**0**	**0**
10	Others if any specify	**01**	**07**	**Kulhariya, Mehsouri, Chandranagar**
C	**Technologies assessed under livestock & Fisheries by KVKs**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Disease & Health Management	**0**	**0**	**0**
2	Breeding management/Evaluation of Breeds	**0**	**0**	**0**
3	Feed and Fodder management	**0**	**0**	**0**
4	Nutrition Management	**0**	**0**	**0**
5	Production and Management	**0**	**0**	**0**
6	Processing and Value addition	**0**	**0**	**0**
7	Fisheries management	**0**	**0**	**0**
8	Others (waste, ITK etc)	**0**	**0**	**0**
	Total	**0**	**0**	**0**
D	**Technologies assessed under miscellaneous enterprises by KVKs**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Drudgery reduction	**0**	**0**	**0**
2	Entrepreneurship Development	**0**	**0**	**0**
3	Health and nutrition	**0**	**0**	**0**
4	Processing and value addition	**0**	**0**	**0**
5	Energy conservation	**0**	**0**	**0**
6	Small-scale income generation	**0**	**0**	**0**
7	Storage techniques	**0**	**0**	**0**
8	Household food security	**0**	**0**	**0**

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

3.2.2 OFT (All discipline)

3.2.2 OFT :- 01 (Agronomy)

- Thematic area : **Nutrient Management**
- Problem definition/Name of OFT**:** **Integration of fertilizer in different form on yield of lentil.**

1.	Title of On farm Trial	**Integration of fertilizer in different form on yield of lentil.**
2.	Problem diagnosed	Injudicious use of chemical fertilizer
3.	Details of technologies selected for assessment/refinement	(a) TO-0 : (Farmer Practice): RDF +Seed Treatment (b) TO-1 : 50% of RDF +WS 19:19:19 @5 gm./ltr water (Single spray at pre- flowering stage) (c) TO-2 : 50% of RDF+ Seed treatment with PSB + Rhizobium culture + WS 19:19:19 @5 gm./ltr water (Single spray at preflowering stage)
4.	Source of Technology	BAU, Sabour
5.	Production system and thematic area	Nutrient Management
6.	Performance of the Technology with performance indicators	Grain yield (q/ha), Cost of cultivation (Rs/ha), Gross return (Rs/ha), Net Return (Rs/ha), B:C ratio.
7.	Final recommendation for micro level situation	Technology option TO2 recorded maximum yield (12.67 q/ha, Net Return (Rs. 39967 /ha) and B:C ratio (2.62)
8.	Constraints identified and feedback for research	Farmers are using higher dose of fertilizer. Nutrient management for lentil crop needs to be validate for the Khagaria District
9.	Process of farmers participation and their reaction	Training , Kisan Choupal, Field Visit etc.

B. Result :- Maximum yield (12.67 q/ha, Net Return (Rs. 39967 /ha) and B:C ratio (2.62) was recorded with T_2

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
Nutrient Management	Farmer Practice -: RDF + Seed Treatment	1.00	1.00	8.07	20250	41157	20907	2.03
	Technological Option1:- 50% of RDF +WS 19:19:19 @5 gm./ltr water (Single spray at pre- flowering stage)			10.90	22450	55590	33140	2.47
	Technological Option2:-50% RDF + Seed treatment with PSB+Rhizobium + WS 19:19:19 @5 gm./ltr water (Single spray at preflowering stage)			12.67	24650	64617	39967	2.62

Photographs of Different stage of Farmers Plot at Amni village

OFT :- 02 (Agronomy)

- Thematic area : **Integrated Nutrient Management**
- Problem definition/Name of OFT: **Improvement of Nitrogen use efficiency in rice.**

1.	Title of On farm Trial (OFT)	**Improvement of Nitrogen use efficiency in rice.**
2.	Problem diagnosed	Excessive use of chemical fertilizer and Spiraling price of urea leads to increase in cost of cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer Practice:-** RDF (100:40:20) Kg/ha **Technological Option 1**:- 50% of RDN & 100% PK + Nano urea @4ml/lt. water (Single spray at pre flowering stage). **Technological Option 2:-** 50% of RDN & 100% PK + 2 sprays of Nano Urea at (25-30 days) and (60-65 days) @ 4 ml/lt water.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour
5.	Production system and thematic area	Integrated Nutrient Management
6.	Performance of the Technology with performance indicators	Grain yield (q/ha), Cost of cultivation (Rs/ha), Gross return (Rs/ha), Net Return (Rs/ha), B:C ratio.
7.	Final recommendation for micro level situation	Technology option TO2 recorded maximum yield (40.65 q/ha), net return (Rs. 57,595 /ha) and B:C ratio (2.60).
8.	Constraints identified and feedback for research	Farmers are using higher dose of fertilizer. Nutrient management for paddy crop needs to be validate for the Khagaria District
9.	Process of farmers participation and their reaction	Training , Kisan Choupal, Field Visit etc

B. Result :- Maximum yield (40.65 q/ha), net return (Rs. 57,595 /ha) and B:C ratio (2.60) was recorded with TO2.

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
Nutrient Management	(a) **Farmer Practice:** RDF (100:40:20) Kg/ha	**1.00**	**1.00**	**39.30**	**35500**	**90390**	**54890**	**2.54**
	(b) **Technological Option 1**: 50% of RDN & 100% PK + Nano urea @4ml/lt. water (Single spray at pre flowering stage).			**40.10**	**35600**	**92230**	**56630**	**2.59**
	(c) **Technological Option 2:** 50% of RDN & 100% PK + 2 sprays of Nano Urea at (25 to 30 days) and (60-65 days) @ 4 ml/lt water.			**40.65**	**35900**	**93495**	**57595**	**2.60**

Photographs of Different stage of Farmers Plot at Nirpur Village of Choutham block

OFT :- 03 (Plant Protection)

- Thematic area : **Integrated Pest Management**
- Problem definition/Name of OFT : **Assessment of management practices for Red Banded Caterpillar in Mango**

1.	Title of On farm Trial (OFT)	**Assessment of management practices for Red Banded Caterpillar in Mango**
2.	Problem diagnosed	Heavy loss due to Red Banded Caterpillar
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**F.P :-** Spray of Chlorpyriphos as and when symptoms appear **TO 1 :-**(a) Collection and destruction of all fallen fruits **(b)** Spray Deltamethrin2.8EC@1ml/lit at marble size and repeat after two weeks. **TO2 :-** Two sprays of Thiacloprid 21.7 SC 0.04 %@(2ml/lit of water) at 25 – 30 days interval.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NCIPM, New Delhi
5.	Production system and thematic area	Mango, Integrated Pest Management
6.	Performance of the Technology with performance indicators	•Observation will be taken for No. Of fallen fruits/ Larvae / damaged fruits •Yield /ha •Economics analysis
7.	Final recommendation for micro level situation	Technology option TO2 was found most effective recorded maximum yield 255.54 q/ha, B: C ratio 2.93&reduction 82.18 % was found.
8.	Constraints identified and feedback for research	To aware the farmers for application of Thiaclopid21.7 SC.
9.	Process of farmers participation and their reaction	Widely accepted by farmers due to better efficacy through training, FLD & field day.

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

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
Integrated Pest Management	**F.P :-** Spray of Chlorpyriphos as and when symptoms appear	**01**	**01**	**159.58**	**41580**	**127664**	**86084**	**2.07**
	TO 1 :-(a) Collection and destruction of all fallen fruits**(b)** Spray Deltamethrin 2.8EC@1ml/lit at marble size and repeat after two weeks.			**211.14**	**39850**	**126684**	**86834**	**2.17**
	TO2 :- Two sprays of Thiacloprid 21.7 SC 0.04 %@ (2ml/lit of water) at 25 – 30 days interval.			**255.54**	**38950**	**153324**	**114374**	**2.93**

Photographs of Different stage of Farmers Plot at Amni village of Mansi Block

OFT :- 04 (Plant Protection)

- Thematic area : **Integrated Pest Management**
- Problem definition/Name of OFT :**Assessment ofEco friendly management of Banana Scarring beetle (Basilepta subcostatum Jacoby).**

1.	Title of On farm Trial (OFT)	**Assessment of Eco friendly management of Banana Scarring beetle (Basilepta subcostatum Jacoby).**
2.	Problem diagnosed	Quality loss due to infestation of Scarring beetle in Banana
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**F.P :-**Chlorpyriphos 20 EC @1.0 ml/lit **TO 1- :** • Soil application of Chlorpyriphos 20 EC @ 0.08 %(4ml/lit) • Bunch spraying with acephate (0.1125%) just after first hand opening followed by bunch cover with polypropylene bag. **TO 2 :-** • Soil application of Beauveria bassiana (1*107 cfu/ml, @ 200 ml/plant) • Bunch spraying with acephate (0.1125 %) just after 1st hand opening, followed by bunch cover with polypropylene bag.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NRC Banana
5.	Production system and thematic area	Banana, Integrated Pest Management
6.	Performance of the Technology with performance indicators	Observation will be taken for number of damage leaves, fruits, yield (q/ha), economic analysis
7.	Final recommendation for micro level situation	Technology option TO-1 was found most effective recorded maximum yield 592.30 q/ha, B:C ration 2.46 & reduction 73 % was found.
8.	Constraints identified and feedback for research	To aware the farmers for soil application with chlorpyriphos, bunch spraying with acephate & bunch cover with polypropylene bag.
9.	Process of farmers participation and their reaction	Widely accepted by farmers due to better efficacy through training & FLD and field day.

B. Results :-

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
Integrated Pest Management	**F.P :-**Chlorpyriphos 20 EC @1.0 ml/lit	**01**	**01**	**545.80**	**250650**	**436640**	**185990**	**1.74**
	TO 1- : •Soil application of Chlorpyriphos 20 EC @ 0.08 %(4ml/lit) •Bunch spraying with acephate (0.1125%) just after first hand opening followed by bunch cover with polypropylene bag.			**592.30**	**239850**	**592300**	**352450**	**2.46**
	TO 2 :-Soil application of Beauveria bassiana (1*107 cfu/ml, @ 200 ml/plant) Bunch spraying with acephate (0.1125 %) just after 1st hand opening, followed by bunch cover with polypropylene bag.			**579.05**	**236160**	**521145**	**284985**	**2.20**

Photographs of Different stage of Farmers Plot at Sondiha village of Khagaria Block

OFT :- 05 (Plant Protection)

- Thematic area : **Integrated Disease Management**
- Problem definition/Name of OFT :**Assessment ofEco friendly management of Banana Scarring beetle (Basilepta subcostatum Jacoby).**

1.	Title of On farm Trial (OFT)	Management of post flowering stalk rot disease of maize
2.	Problem diagnosed	Low yield of maize and yield loss up to 100 percent due to post flowering stalk rot of maize
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**TO-1 (FP)** Spray with Carbendazim +Mancozeb@2g/lit. of water **TO-2** Seed treatment with Trichoderma viride@5g/kg seed + soil application of Trichoderma Harzianum 2.0% formulation @10 g per kg FYM incubated for 10 days in moist condition **TO-3** Seed treatment with Vitavax 200 WS@2.5 g/kg seed + Two foliar spray of Difenconazole + Azoxystrobin @ 1ml/lit. at pre flowering stage and second spray at 25 days after first spray.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IARI, New Delhi (2022)
5.	Production system and thematic area	**Maize, Integrated Disease Management**
6.	Performance of the Technology with performance indicators	• Technical indicator (No of cobs/plant, No of grains/cob, Yield (q/ha) • Economics indicator (Cost of Cultivation, Gross return, Net return, B:C ratio) • Farmer perception
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	-

Result :- Awaited

OFT :- 06 (Horticulture)

- Thematic area : I**ntegrated Crop management**
- **Problem definition/Name of OFT : Banana bunch covering technology for quality banana production**

1.	Title of On farm Trial (OFT)	Banana bunch covering technology for quality banana production
2.	Problem diagnosed	Poor quality of banana results in low yield as well as poor market value
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP-No covering used in Banana bunches TO 1- Cover the banana bunches with Non woven polypropylene bag TO 2- Cover the banana bunches with ventilated(4%) polythene sleeves
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TNAU
5.	Production system and thematic area	Crop management practices for quality fruit production
6.	Performance of the Technology with performance indicators	1. Yield 2. Fruit weight 3. Cost of cultivation 4. Gross cost 5. Net return 6. B:C Ratio
7.	Final recommendation for micro level situation	Non woven polypropylene bag
8.	Constraints identified and feedback for research	Farmers were unaware about the use of banana bunch covering technology.
9.	Process of farmers participation and their reaction	Training, FLD and field day.

B. Results :-The highest yield of banana (584 q/ha) was recorded in TO-1 with B:C ratio (2.48) as compared to TO-2 and farmers practices.

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)		Yield (q/ha)	Fruit Weight (g/fruit)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual (ha)						
Integrated Crop management	FP – No covering used in banana bunches	**0.13**	**0.13**	**563.80**	**105.6**	**2,52,600**	**5,02,000**	**2,49,400**	**1.98**
	TO-1 Cover the banana bunches with Non wovenpolypropylene bag	**0.13**	**0.13**	**584.00**	**124.2**	**2,39,000**	**5,90,000**	**3,56,400**	**2.48**
	TO-2 Cover the banana bunches with ventilated (4%) polythene sleeves.	**0.13**	**0.13**	**576.60**	**119.0**	**2,35,000**	**5,42,000**	**3,08,380**	**2.30**

Photographs of Different stage of Farmers Plot at Kulhariya village of Parwatta Block

OFT :- 07 (Horticulture)

- Thematic area : Flower based production system
- Problem definition/Name of OFT : Evaluation of marigold varieties for higher productivity

1.	Title of On farm Trial (OFT)	Evaluation of marigold varieties for higher productivity
2.	Problem diagnosed	Lack of knowledge of flower cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**FP-** Laddu Gainda (local variety) **TO 1-**Pusa Narangi **TO 2-**Pusa Bahar
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Horticulture, OFT workshop, ATARI- Patna, 2024
5.	Production system and thematic area	Flower based production system
6.	Performance of the Technology with performance indicators	Flower yield per plant Total number of flower per plant Flowering duration Cost of cultivation Gross cost Net return B:C Ratio
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	-

B. Results :- Awaited

3.2.2 OFT :- 08 (Agriculture Engineering)

- Thematic area : **Repair & Maintenance of farm machinery & implements**
- Problem definition/Name of OFT **: Low seeding efficiency of Maize**

1.	Title of On farm Trial	**Assessment of different planting machineries of maize crop**
2.	Problem diagnosed	Manual seeding, labour intensive, drudgery in operation & shortage of labour
3.	Details of technologies selected for assessment/refinement	T0(FP) - Manual Seeding T1 - Manual Dibbler (Vertical) T2 - Manual Rotary Dibbler
4.	Source of Technology	CIAE Bhopal
5.	Production system and thematic area	Repair & Maintenance of farm machinery & implements
6.	Performance of the Technology with performance indicators	**Technical indicators:** No. of plant/m2 (No. count), No of irrigation (No.), Yield (q/ha), Plant height (cm), Seed placement accuracy (depth & spacing consistency), labour efficiency (hr/ha), field efficiency (ha/hr), Seedling emergence rate. **Economical Indicators:** Cost of cultivation (Rs.), Gross return (Rs.), Net return (Rs.), B:C Ratio (Ratio)
7.	Constraints identified and feedback for research	-
8.	Process of farmers participation and their reaction	-

Results :- Awaited

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	No of beneficiaries	Yield in Demo (q/ha)	Yield in check (q/ha)
1	Cereals					
2	Oil Seed					
3	Pulses					
4	Horticulture Crops	**1** **1** **1**	**0.8** **0.4** **0.1**	**03** **73** **10**	**572** **Awaited** **579.47**	**480.8**
5	Other crops					
6	Hybrid crop					
7	Livestock					
8	Fisheries					
9	Other enterprises	**01**	**17.2**	**43**	**Awaited**	
10	Women empowerment					
11	Farm Machinery					
12	**Grand Total**					

B. Details of FLDs conducted during the year 2024

1. Cereals

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

2. Oilseeds

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

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

3. Pulses

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

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

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

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Banana	**Yield Enhancement**	**Disease free banana Sucker**	**03**	**0.8**	**572**	**480.8**	**18.9**	**2,58,600**	**5,20,000**	**2,61,400**	**2.01**	**2,25,000**	**4,26,000**	**1,74,000**	**1.69**
Mango	**Yield Enhancement**	**Regular bearing Mango Variety (Amrapali, Dashari)**	**73**	**0.4**	**Crop is standing in Farmers Field & in Good Condition**										
Banana	**Yield Enhancement**	**Banana bunch covering with PP bag**	**10**	**0.1 ha**	**579.47 q/ha**	**480.8**	**20**	**2,38,800.00**	**5,72,000**	**3,33,200**	**2.39**	**2,25,000**	**4,26,000**	**1,74,000**	**1.69**

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

5. Other crops

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

FLD on Plant Protection

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Maize	**IPM**	**Thiamethoxam 12.6 % + Lambdacyhalothrin 9.5 % (2023 Result)**	**30**	**12**	**80.67**	**76.25**	**6%**	**-**	**-**	**46750**	**161340**	**114590**	**2.45**	**49850**	**152500**	**102650**	**2.05**
Maize	**IPM**	**Thiamethoxam 12.6 % + Lambdacyhalothrin 9.5 % (2024 Result)**	**43**	**17.2**	**Result Awaited**												

6. Demonstration details on crop hybrid varieties

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals										
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total Cereals										
Oilseeds										
Castor										
Mustard										
Safflower										

Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total Oilseeds										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl. specify)										
Total Pulses										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										
Total Veg. Crops										
Commercial Crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total Commercial Crops										
Fodder crops										
Napier (Fodder)										

Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total Fodder Crops										

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

7. Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry																	
Rabbitry																	
Piggery																	
Sheep and goat																	
Duckery																	
Others (Pl. specify)																	
Total																	

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

8. Fisheries

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

Mussels																	
Ornamental fishes																	
Others (pl. specify)																	
Total																	

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

9. Other enterprises

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

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

10. Women empowerment

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

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

11. Farm implements and machinery

Category	No. of FLDs	Name of the implement	Crop	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)	Cost reduction (Rs./ha or Rs./Unit)
						Demonstration	Check			
Sowing and planting tools and machineries										
Total Sowing and planting Machineries										
Intercultural operation tools and machineries										
Irrigation management tools and machineries										
Plant protection tools and machineries										
Harvesting tools and machineries										
Postharvest processing tools and machineries										
Total mechanization tools and machineries										
Others										
Total of Others										

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

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	**Training**	**04.06.2024**	**01**	**25**	
2.	**Training**	**14.10.2024**	**01**	**35**	
3.	**Training**	**22.11.2024**	**01**	**28**	
4.	**Training**	**24.12.2024**	**01**	**18**	

Technical Feedback on the demonstrated technologies (if any)

Sl. No	Crop	Feed Back
1.	Banana (G-9)	Improved yield & shelf life better than local cultivar.
2.	Thiamethoxam 12.6 % + Lambdacyhalothrin 9.5 %	Easy to control of Fall Army Worm in maize crops.

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

1. Technical Parameters:

Sl. No.	Crop Season	Name of Crop Demonstration	Area (ha)	Number of farmers	Detail of Technology demonstrated	Detail of existing farmer practices	Yield (q/ha) in farmer field	Yield obtained in demonstration (q/ha)			Yield gap (kg/ha) w.r. to minimized (%)			Yield gap minimized (%)		
								Max.	Min.	Av.	District yield (D)	State Yield (S)	Potential yield (P)	D	S	P
01	**Rabi**	**Mustard**	**30**	**75**	Variety: RH-725, Seed rate 5 Kg/ha, Line sowing with 30X15 cm2, Seed treatment with Carbendazim 50 % , 2.50 gm/Kg Seed, soil application with zinc sulphate 7.5 Kg/ha, Bentonite sulpher 17.5 Kg/ha, fertilizer application as soil test result: 80 : 40 : 40 Kg/ha, Weed management: Pendimethalin 30 EC @ 03 liter/ ha, Plant protection measurement: Imidachlopride 17.8 sl @ 01 ml/ 3 litre of water	Variety (Varuna old), seed rate (5-7 kg/ha), broadcasting, fertilizer dose applied (100 : 40 : 20), weed management (No), plant protection measurement (Imidachlopride 17.8 sl @ 01 ml/litre of water)	**8.10**	**15.60**	**10.60**	**12.10**	**400**	**85**	**(-)190**	**49.38**	**7.55**	**(-) 49.58**

02	**Summer**	**Sunflower**	**20**	**50**	Variety: KBSH-41Seed rate 5 Kg/ha, Line sowing with 60X30 cm2 Seed treatment: with Carbendazim 50 % @ 2.50 gm/Kg Fertilizer application as soil test result: 90 : 50 : 00 Kg/ha Weed management: Pendimethalin 30 EC @ 03 liter/ ha Plant protection measurement: Prophenophos 40 % + Cypermethirin 4 % @ 02 ml/litre of water.	Variety (Hybrid of different company), seed rate (5-6 kg/ha), spacing (50X25 Cm2), seed treatment status (No), fertilizer dose applied (90 : 50 : 00), weed management (No), plant protection measurement (Imidachlopride 17.8 sl @ 01 ml/litre of water)	**14.72**	**18.10**	**15.30**	**17.50**	**278**	**359**	**150**	**18.89**	**25.81**	**9.38**

03	**Kharif**	**Soybean**	**20**	**50**	Variety: PS 1241 & JS-2098, Seed rate: 60 Kg/ha, Line Sowing with & 45x15 Cm2, Seed treatment: with Carbendazim 50 % , 2.50 gm/Kg Seed, Fertilizer application as soil test result: 20 : 80 : 40 kg/ha with weed management with Imazethapyr 40 gm a.i/ha. Plant protection measurement with Prophenophos 40 % + Cypermethirin 4 % @ 02 ml/litre of water.	variety JS 335, seed rate 70-75 Kg/ha, fertilizer dose applied (40 :00 :00), weed management (Imazethapyr 40 gm a.i/ha.), plant protection measurement Imidachlopride 17.8 sl @ 01 ml/litre of water	**10.30**	**15.60**	**12.70**	**14.30**	**400**	**680**	**(-) 770**	**38.83**	**90.66**	**(-) 35**
04	**Rabi**	**Mustard**	**200**	**500**	Rajendra Suflam, Seed treatment,plant protection measure, Micronutrient and production technology	**Crop is Standing in the Farmers Field**									

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha) 7 years	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
01	**Mustard**	**Varuna (Old Own Seed)**	**8.10**	**400**	**85**	**(-)190**	**RH-725**	**75**	**30**	**15.60**	**10.60**	**12.10**	**49.38**	**7.55**	**(-) 49.58**
02	**Sunflower**	**Hybrid of diff.**	**14.72**	**278**	**359**	**150**	**KBSH-41**	**50**	**20**	**18.10**	**15.30**	**17.50**	**18.89**	**25.81**	**9.38**

		company													
03	**Soybean**	**JS-335**	**10.30**	**400**	**680**	**(-) 770**	**PS-1241 & JS-2098**	**50**	**20**	**15.60**	**12.70**	**14.30**	**38.83**	**90.66**	**(-) 35**
04	**Mustard**	**Varuna (Old Own Seed)**	**Crop is Standing in the Farmers Field**				**Rajendra Suflam**	**500**	**200**	**Crop is Standing in the Farmers Field**					

2. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot				Additional Income (Rs/ha)
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	
01	**RH-725, Seed treatment, plant protection measure, Micronutrient and production technology**	**28,500**	**40,500**	**12,000**	**1.42**	**30,100**	**60,500**	**30,400**	**2.00**	**18400**
02	**KBSH-41, Seed Treatment, Plant protection measure and production technology**	**25,000**	**73,000**	**48,000**	**2.92**	**25,000**	**87,500**	**62,500**	**3.50**	**14500**
03	**PS-1241 & JS-2098 Seed Treatment, Plant protection measure and production technology**	**30,100**	**47,200**	**17,100**	**1.56**	**32,500**	**57,200**	**24,700**	**1.76**	**10300**
04	**Rajendra Suflam, Seed treatment, plant protection measure, Micronutrient and production technology**	**Crop is Standing in the Farmers Field**								

3. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/house hold)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
01	**Mustard & RH-725**	**36,300**	**350**	**50**	**07**	**5 Kg**	**Personal Use as per need**	**15**
02	**Sunflower & KBSH-41**	**35,000**	**610**	**50**	**0**	**0**	**Personal Use as per need**	**17**
003	**Soybean & PS-1241& JS- 2098**	**28,600**	**522**	**40**	**25**	**25**	**Personal Use as per need**	**17**
04	**Mustard & Rajendra Suflam**	**Crop is Standing in the Farmers Field**						

B. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
01	Improved variety **(RH-725)** of seed inoculation of seed with Carbendazim and chloropyriphos, plant protection measure, Micronutrient and production technology	Suitable in irrigated condition	Higher production, medium size of grain hence, more marketability	Seed and other input cost is very much affordable to farmers	No	Yes	More high yielding variety is needed due to higher net income in rabi maize
02	Improved variety **(KBSH – 41)** of seed and production	Suitable in low lying area where rabi crop	Farmers like this variety. They prefer this	Seed and other input cost is very much	No	Yes	Some more high yielding, more dark varieties need to be

	technology.	is not cultivated	variety due to lower price of seed	affordable to farmers			demonstrated
03	Improved variety **(PS-1241 & JS- 2098)** of seed inoculation of seed with Carbendazim and chlorpyriphos 20 EC.	Suitable in upland field	On upland field condition famers preferred soybean compared to paddy and maize in kharif	Affordable, lower cost of cultivation than paddy and maize	No	Yes	Some more high yielding, YVM resistant varieties need to be demonstrated
04	Improved variety**(Rajendra Suflam)** of seed inoculation of seed with Carbendazim and chloropyriphos, plant protection measure, Micronutrient and production terchnology	**Crop is Standing in the Farmers Field**					

C. Specific Characteristics of Technology and Performance

a. **Mustard**

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Quality seed	**Potential yield 24.00 q/ha**	**35.95 % increase in yield**	More high yielding variety is needed due to higher net income in rabi maize

b. Sunflower

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Quality seed	**Potential yield 22.00 q/ha**	**19.86 % increase in yield**	Some more high yielding, more dark varieties need to be demonstrated
Seed treatment	**Control seed born fungal diseases**	**Control seed born fungal diseases**	

c Soybean

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Quality seed	**Potential yield 30.00 q/ha**	**21.18 % increase in yield**	Some more high yielding, YVM resistant varieties need to be demonstrated
Seed treatment	**Early germination, better root growth and profuse flowering**	**Early germination better root growth and profuse flowering**	

d. Mustard

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Quality seed	**Crop is standing in farmers field**		

c. Extension activities under FLD conducted:

Sl. No.	Name of activity organized	Date	Number of farmer participated		
			Male	Female	Total
1	Field Day	17.10.2024	47	23	70
2	Field Day	19.10.2024	62	16	78
3	Training	28.10.2024	25	01	26
4	Training	29.10.2024	22	05	27
5	Training	30.10.2024	18	12	30
6	Training	12.11.2024	21	08	29
7	Training	13.11.2024	25	06	31
8	Training	14.11.2024	22	07	29
9	Training	15.11.2024	19	07	26
10	Training	16.11.2024	22	06	28
11	Training	03.12.2024	17	13	30
12	Training	06.12.2024	23	05	28
13	Training	10.12.2024	16	14	30
14	Training	13.12.2024	28	02	30

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

e. Farmers' training photographs

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

g. Details of budget utilization

Crop (Provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Soybean	**i) Critical input**	**3,00.000.00**	**1,83,300.00**	**38,277.00**
	ii) TA/DA/POL etc. for monitoring		**78,423.00**	
	iii) Extension Activities (Field Day)			
	iv) Publication of literature			
	Total		**2,61,723.00**	**38,277.00**

Crop (Provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Mustard	**i) Critical input**	**18,00,000.00**	**1,27,000.00**	**15,09,409.00**
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field Day)		**1,63,591.00**	
	iv) Publication of literature			
	Total		**2,90,591.00**	**15,09,409.00**

Crop (Provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Sunflower	**i) Critical input**	**4,40,000.00**	**1,60,000.00**	**2,70,000.00**
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field Day)		**10,000.00**	
	iv) Publication of literature			
	Total		**1,70,000.00**	**2,70,000.00**

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)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	**05**	**84**	**18**	**92**	**21**	**13**	**34**	**0**	**0**	**0**	**105**	**31**	**136**
Resource Conservation Technologies													
Cropping Systems	**17**	**296**	**64**	**360**	**44**	**26**	**70**	**0**	**0**	**0**	**340**	**90**	**430**
Crop Diversification													
Integrated Farming													
Water management	**04**	**67**	**06**	**73**	**32**	**15**	**47**	**0**	**0**	**0**	**99**	**21**	**120**
Seed production	**05**	**89**	**09**	**98**	**36**	**21**	**57**	**0**	**0**	**0**	**125**	**30**	**155**
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Integrated Nutrient Management	**06**	**77**	**21**	**98**	**13**	**11**	**24**	**0**	**0**	**0**	**90**	**32**	**122**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment	**06**	**86**	**16**	**102**	**29**	**66**	**95**	**0**	**0**	**0**	**115**	**82**	**197**
Production of low volume and high value crops	**01**	**14**	**04**	**18**	**02**	**11**	**13**	**0**	**0**	**0**	**16**	**15**	**31**
Off-season vegetables													
Nursery raising	**04**	**18**	**72**	**90**	**16**	**68**	**86**	**0**	**0**	**0**	**34**	**140**	**174**
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)	**05**	**134**	**52**	**186**	**42**	**11**	**53**	**0**	**0**	**0**	**176**	**63**	**239**
Others, if any (Cultivation of													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit	**02**	**30**	**36**	**66**	**06**	**14**	**20**	**0**	**0**	**0**	**36**	**50**	**86**
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits	**01**	**12**	**0**	**12**	**03**	**17**	**20**	**0**	**0**	**0**	**15**	**17**	**32**
Micro irrigation systems of orchards													
Plant propagation techniques	**02**	**29**	**26**	**55**	**05**	**12**	**17**	**0**	**0**	**0**	**34**	**38**	**72**
Others, if any(INM)	**02**	**52**	**06**	**58**	**0**	**0**	**0**	**0**	**0**	**0**	**52**	**06**	**58**
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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													
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 gardening													
Design and													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	**06**	**22**	**04**	**26**	**120**	**14**	**134**	**0**	**0**	**0**	**142**	**18**	**160**
Use of Plastics in farming practices													
Production of small tools and implements	**02**	**04**	**00**	**04**	**52**	**08**	**60**	**0**	**0**	**0**	**56**	**08**	**64**
Repair and maintenance of farm machinery and implements	**06**	**24**	**04**	**28**	**152**	**48**	**200**	**0**	**0**	**0**	**176**	**52**	**228**
Small scale processing and value addition	**02**	**08**	**00**	**08**	**86**	**08**	**94**	**0**	**0**	**0**	**94**	**08**	**102**
Post-Harvest Technology													
Others, if any	**06**	**19**	**15**	**34**	**63**	**51**	**114**	**0**	**0**	**0**	**82**	**66**	**148**
VII. Plant Protection													
Integrated Pest Management	**23**	**427**	**148**	**575**	**57**	**123**	**180**	**0**	**0**	**0**	**484**	**271**	**755**
Integrated Disease	**09**	**236**	**62**	**298**	**21**	**43**	**64**	**0**	**0**	**0**	**257**	**105**	**362**

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Management													
Bio-control of pests and diseases	**03**	**14**	**00**	**14**	**86**	**08**	**94**	**0**	**0**	**0**	**94**	**08**	**102**
Production of bio control agents and bio pesticides	**02**	**08**	**00**	**08**	**86**	**08**	**94**	**0**	**0**	**0**	**94**	**08**	**102**
Others, if any (Natural Farming)	**11**	**398**	**129**	**527**	**57**	**21**	**78**	**0**	**0**	**0**	**455**	**150**	**605**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
production													
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	**130**	**2148**	**692**	**2840**	**1029**	**617**	**1646**	**0**	**0**	**0**	**3171**	**1309**	**4480**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	**05**	**120**	**18**	**138**	**5**	**20**	**25**	**0**	**0**	**0**	**125**	**38**	**163**
Bee-keeping	**03**	**62**	**8**	**70**	**13**	**2**	**15**	**0**	**0**	**0**	**75**	**10**	**85**
Seed production	**01**	**29**	**13**	**42**	**0**	**4**	**4**	**0**	**0**	**0**	**29**	**17**	**46**
Production of organic inputs	**03**	**69**	**21**	**90**	**16**	**06**	**22**	**0**	**0**	**0**	**85**	**27**	**112**
Integrated Farming	**05**	**120**	**18**	**138**	**5**	**20**	**25**	**0**	**0**	**0**	**125**	**38**	**163**

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Planting material production	**01**	**27**	**08**	**35**	**05**	**04**	**09**	**0**	**0**	**0**	**32**	**12**	**44**
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops	**02**	**19**	**06**	**25**	**19**	**31**	**50**	**0**	**0**	**0**	**38**	**37**	**75**
Commercial fruit production	**01**	**32**	**04**	**36**	**09**	**02**	**11**	**0**	**0**	**0**	**41**	**06**	**47**
Repair and maintenance of farm machinery and implements	**03**	**66**	**0**	**66**	**10**	**22**	**32**	**0**	**0**	**0**	**76**	**22**	**98**
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL	**24**	**544**	**96**	**640**	**82**	**111**	**193**	**0**	**0**	**0**	**626**	**207**	**833**

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

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Productivity enhancement in field crops	**02**	**78**	**04**	**82**	**10**	**20**	**30**	**0**	**0**	**0**	**88**	**24**	**112**
Value addition													
Integrated Pest Management	**04**	**52**	**101**	**153**	**22**	**42**	**64**	**0**	**0**	**0**	**74**	**143**	**217**
Integrated Nutrient management	**02**	**25**	**48**	**73**	**10**	**19**	**29**	**0**	**0**	**0**	**35**	**67**	**102**
Rejuvenation of old orchards													
Protected cultivation technology	**02**	**35**	**48**	**83**	**11**	**21**	**32**	**0**	**0**	**0**	**46**	**69**	**115**
Formation and Management of SHGs													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements	**01**	**46**	**06**	**52**	**06**	**02**	**08**	**0**	**0**	**0**	**52**	**08**	**60**
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care	**02**	**46**	**11**	**57**	**13**	**07**	**20**	**0**	**0**	**0**	**59**	**18**	**77**
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Natural Farming													
Mushroom Production													
TOTAL	**13**	**282**	**218**	**500**	**72**	**111**	**183**	**0**	**0**	**0**	**354**	**329**	**683**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	**02**	**34**	**08**	**42**	**08**	**04**	**12**	**0**	**0**	**0**	**42**	**12**	**54**
Resource Conservation Technologies													
Cropping Systems	**13**	**327**	**80**	**407**	**37**	**73**	**110**	**0**	**0**	**0**	**364**	**153**	**517**
Crop Diversification													
Integrated Farming													
Water management	**02**	**26**	**06**	**32**	**06**	**02**	**08**	**0**	**0**	**0**	**32**	**08**	**40**
Seed production	**01**	**13**	**3**	**16**	**3**	**1**	**4**	**0**	**0**	**0**	**16**	**04**	**20**
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops) Soil Testing													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
management													
Water management													
Enterprise development													
Skill development													
Yield increment	**01**	**16**	**02**	**18**	**0**	**0**	**0**	**0**	**0**	**0**	**16**	**02**	**18**
Production of low volume and high value crops	**04**	**134**	**16**	**150**	**20**	**20**	**40**	**0**	**0**	**0**	**154**	**36**	**190**
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)	**01**	**22**	**08**	**30**	**02**	**02**	**04**	**0**	**0**	**0**	**24**	**10**	**34**
Others, if any (Cultivation of Vegetable)	**02**	**24**	**12**	**36**	**08**	**04**	**12**	**0**	**0**	**0**	**32**	**16**	**48**
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit	**02**	**28**	**05**	**33**	**02**	**0**	**02**	**0**	**0**	**0**	**33**	**02**	**35**
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)	**03**	**13**	**08**	**21**	**83**	**22**	**105**	**0**	**0**	**0**	**96**	**30**	**126**
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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													
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													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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 gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	**05**	**18**	**0**	**18**	**66**	**07**	**73**	**0**	**0**	**0**	**84**	**07**	**91**
Use of Plastics in farming practices													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of small tools and implements	**05**	**46**	**0**	**46**	**62**	**0**	**62**	**0**	**0**	**0**	**108**	**00**	**108**
Repair and maintenance of farm machinery and implements	**12**	**110**	**38**	**148**	**290**	**71**	**361**	**0**	**0**	**0**	**400**	**109**	**509**
Small scale processing and value addition	**02**	**53**	**02**	**55**	**40**	**05**	**42**	**0**	**0**	**0**	**93**	**07**	**100**
Post-Harvest Technology													
Others, if any	**01**	**16**	**07**	**23**	**03**	**0**	**0**	**0**	**0**	**0**	**19**	**07**	**26**
VII. Plant Protection													
Integrated Pest Management	**09**	**339**	**111**	**450**	**46**	**19**	**65**	**0**	**0**	**0**	**385**	**130**	**515**
Integrated Disease Management	**08**	**202**	**42**	**244**	**46**	**21**	**67**	**0**	**0**	**0**	**248**	**63**	**311**
Bio-control of pests and diseases	**01**	**18**	**04**	**22**	**0**	**0**	**0**	**0**	**0**	**0**	**18**	**04**	**22**
Production of bio control agents and bio pesticides	**02**	**35**	**08**	**43**	**0**	**0**	**0**	**0**	**0**	**0**	**35**	**08**	**43**
Others, if any (Natural Farming)	**04**	**144**	**08**	**152**	**09**	**07**	**16**	**0**	**0**	**0**	**153**	**15**	**168**
VIII. Fisheries													
Integrated fish farming	**01**	**04**	**12**	**16**	**02**	**03**	**05**	**0**	**0**	**0**	**06**	**15**	**21**
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
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.													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Specify)													
TOTAL	**81**	**1622**	**380**	**2002**	**733**	**261**	**988**	**0**	**0**	**0**	**2358**	**638**	**2996**

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

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Mushroom Production													
Bee-keeping													
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 machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL													

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	**01**	**18**	**03**	**21**	**01**	**0**	**0**	**0**	**0**	**0**	**19**	**03**	**22**
Integrated Pest Management	**04**	**46**	**0**	**46**	**32**	**0**	**32**	**0**	**0**	**0**	**78**	**00**	**78**
Integrated Nutrient management	**02**	**36**	**06**	**42**	**06**	**00**	**06**	**0**	**0**	**0**	**42**	**06**	**48**
Rejuvenation of old orchards													
Protected cultivation technology	**02**	**00**	**44**	**44**	**00**	**30**	**30**	**0**	**0**	**0**	**00**	**74**	**74**
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL	**09**	**100**	**53**	**153**	**39**	**30**	**68**	**0**	**0**	**0**	**139**	**83**	**222**

G) Consolidated table (ON and OFF Campus)

i. Farmers& Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	7	118	26	144	29	17	46	0	0	0	147	43	190
Resource Conservation Technologies				0			0				0	0	0
Cropping Systems	29	623	144	767	81	99	180	0	0	0	704	243	947
Crop Diversification				0			0				0	0	0
Integrated Farming				0			0				0	0	0
Water management	6	93	12	105	38	17	55	0	0	0	131	29	160
Seed production	6	102	12	114	39	22	61	0	0	0	141	34	175
Nursery management				0			0				0	0	0
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	7	77	21	98	13	11	24	0	0	0	90	32	122
Water management													
Enterprise development													
Skill development													
Yield increment	7	102	18	120	29	66	95	0	0	0	131	84	215
Production of low volume and high value crops	5	148	20	168	22	31	53	0	0	0	170	51	221
Off-season vegetables				0			0				0	0	0
Nursery raising	4	18	72	90	16	68	84	0	0	0	34	140	174
Exotic vegetables like Broccoli				0			0				0	0	0
Export potential vegetables	2	24	2	26	0	0	0	0	0	0	24	2	26
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)	6	156	60	216	44	13	57	0	0	0	200	73	273
Others, if any (Cultivation of Vegetable) **INM**	2	24	2	26	0	0	0	0	0	0	24	2	26
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Cultivation of Fruit	**04**	**58**	**41**	**99**	**8**	**14**	**22**	**0**	**0**	**0**	**66**	**55**	**121**
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits	**01**	**12**	**0**	**12**	**3**	**17**	**20**	**0**	**0**	**0**	**15**	**17**	**32**
Micro irrigation systems of orchards													
Plant propagation techniques	**02**	**29**	**26**	**55**	**5**	**12**	**17**	**0**	**0**	**0**	**34**	**38**	**72**
Others, if any(INM)	**05**	**65**	**14**	**79**	**83**	**22**	**105**	**0**	**0**	**0**	**148**	**36**	**184**
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													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
III. Soil Health and Fertility Management													
Soil fertility management													
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 kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	**11**	**40**	**4**	**44**	**186**	**21**	**207**	**0**	**0**	**0**	**226**	**25**	**251**
Use of Plastics in farming practices													
Production of small tools and implements	**7**	**50**	**0**	**50**	**114**	**8**	**122**	**0**	**0**	**0**	**164**	**8**	**172**
Repair and maintenance of farm machinery and implements	**17**	**134**	**42**	**176**	**442**	**119**	**561**	**0**	**0**	**0**	**576**	**161**	**737**
Small scale processing and value addition	**4**	**61**	**2**	**63**	**126**	**13**	**139**	**0**	**0**	**0**	**187**	**15**	**202**
Post-Harvest Technology													
Others, if any	**7**	**35**	**22**	**57**	**66**	**51**	**117**	**0**	**0**	**0**	**101**	**73**	**174**
TOTAL													
VII. Plant Protection													
Integrated Pest Management	**32**	**766**	**259**	**1025**	**103**	**142**	**245**	**0**	**0**	**0**	**869**	**401**	**1270**
Integrated Disease Management	**17**	**438**	**104**	**542**	**67**	**64**	**131**	**0**	**0**	**0**	**505**	**168**	**673**
Bio-control of pests and diseases	**4**	**32**	**4**	**36**	**86**	**8**	**94**	**0**	**0**	**0**	**118**	**12**	**130**
Production of bio control agents and bio pesticides	**4**	**43**	**8**	**51**	**86**	**8**	**94**	**0**	**0**	**0**	**129**	**16**	**145**
Others, if any (Natural Farming)	**15**	**442**	**137**	**579**	**66**	**28**	**94**	**0**	**0**	**0**	**508**	**165**	**673**
TOTAL													
VIII. Fisheries													
Integrated fish farming	**1**	**4**	**12**	**16**	**2**	**3**	**5**	**0**	**0**	**0**	**6**	**15**	**21**
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL	**214**	**3694**	**1064**	**4758**	**1754**	**874**	**2628**	**0**	**0**	**0**	**5448**	**1938**	**7386**

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	05	120	18	138	5	20	25	0	0	0	125	38	163
Bee-keeping	03	62	08	70	13	02	15	0	0	0	75	10	85
Integrated farming	01	29	13	42	0	04	04	0	0	0	29	13	42
Seed production	03	69	21	90	16	06	22	0	0	0	85	27	112
Production of organic inputs	05	120	18	138	05	20	25	0	0	0	125	38	163
Planting material production	02	51	16	67	11	09	20	0	0	0	62	25	87
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops	02	19	06	25	19	31	50	0	0	0	38	37	75
Commercial fruit production	01	32	04	36	09	02	11	0	0	0	41	06	47
Repair and maintenance of farm machinery and implements	03	66	0	66	10	22	32	0	0	0	76	22	98
Nursery Management of Horticulture crops	01	19	03	22	08	03	11	0	0	0	27	06	33
Training and pruning of orchards													
Value addition													
Production of quality animal products													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
TOTAL	**26**	**587**	**107**	**694**	**96**	**119**	**215**	**0**	**0**	**0**	**683**	**222**	**905**

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	**03**	**90**	**05**	**95**	**10**	**20**	**30**	**0**	**0**	**0**	**100**	**25**	**125**
Integrated Pest Management	**08**	**98**	**101**	**199**	**84**	**42**	**126**	**0**	**0**	**0**	**182**	**143**	**325**
Integrated Nutrient management	**04**	**61**	**54**	**115**	**16**	**19**	**35**	**0**	**0**	**0**	**77**	**73**	**150**
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology	**03**	**58**	**50**	**108**	**15**	**23**	**38**	**0**	**0**	**0**	**73**	**73**	**146**
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming													

through SHGs													
Crop intensification													
Others if any													
Natural Farming													
Mushroom Production													
TOTAL	**18**	**307**	**210**	**517**	**125**	**104**	**229**	**0**	**0**	**0**	**432**	**314**	**746**

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of SC/ST			Number of participants (Others)			Over All Participants
					Male	Female	Total	Male	Female	Total	
Practicing Farmers											
Crop Science	PF	INM in maize	01	On	2	0	2	20	1	21	23
Crop Science	PF	INM in maize	01	On	1	0	1	13	0	13	14
Crop Science	PF	INM in maize	01	On	2	8	10	13	3	16	26
Crop Science	PF	INM in maize	01	Off	1	6	7	39	8	47	54
Crop Science	PF	Nutrient management in maize	01	On	0	0	0	0	8	8	08
Crop Science	PF	Scientific cultivation of sunflower	01	On	0	0	0	0	15	8	08
Crop Science	PF	Scientific cultivation of sunflower	01	On	4	3	7	21	2	23	30
Crop Science	PF	Scientific cultivation of Moong	01	On	3	2	5	47	12	36	41
Crop Science	PF	Scientific cultivation of Moong	01	On	8	2	10	63	1	64	74
Crop Science	PF	Scientific cultivation of Til	01	On	0	3	0	31	0	31	31
Crop Science	PF	Weed management in mustard	01	On	0	5	5	24	4	28	28
Crop Science	PF	Scientific cultivation of Moong	01	Off	2	7	9	23	1	24	26
Crop Science	PF	Scientific cultivation of green gram	01	Off	2	2	4	20	5	25	27
Crop Science	PF	Scientific cultivation of til	01	Off	7	6	13	14	2	16	29
Crop Science	PF	Scientific cultivation of green gram	01	Off	10	9	19	32	4	11	30
Crop Science	PF	Water management in summer green green gram & seasam	01	On	6	1	7	21	2	23	30

Crop Science	PF	Water management in summer green green gram & seasam	01	Off	3	1	4	13	3	16	20
Crop Science	PF	Importance of zero tillage tech.	01	Off	4	3	7	21	2	23	30
Crop Science	PF	Scientific cultivation of Paddy	01	Off	3	2	5	47	12	36	41
Crop Science	PF	Scientific cultivation of soybean	01	Off	8	2	10	63	1	64	74
Crop Science	PF	Scientific cultivation of soybean	01	Off	0	0	0	31	0	31	31
Crop Science	PF	Scientific cultivation of soybean	01	On	0	0	0	24	4	28	28
Crop Science	PF	Scientific cultivation of kharif maize	01	Off	4	0	4	43	4	47	51
Crop Science	PF	Scientific cultivation of rapseed mustard	01	On	4	0	4	44	14	58	62
Crop Science	PF	Scientific cultivation of mustard	01	On	7	6	13	14	2	16	29
Crop Science	PF	Weed management in mustard	01	On	10	9	19	7	4	11	30
Crop Science	PF	Scientific cultivation of mustard	01	On	8	2	10	17	4	21	31
Crop Science	PF	Scientific cultivation of mustard	01	On	0	0	0	22	7	29	29
Crop Science	PF	Scientific cultivation of mustard	01	On	3	1	4	16	6	22	26
Crop Science	PF	Scientific cultivation of soybean	01	Off	0	0	0	31	0	31	31
Crop Science	PF	Scientific cultivation of soybean	01	On	0	0	0	24	4	28	28
Crop Science	PF	Scientific cultivation of kharif maize	01	Off	4	0	4	43	4	47	51
Crop Science	PF	Scientific cultivation of rapseed mustard	01	On	4	0	4	0	14	14	18
Crop Science	PF	Scientific cultivation of mustard	01	On	2	0	2	23	1	24	26
Crop Science	PF	Scientific cultivation of mustard	01	On	2	0	2	20	05	25	27
Crop Science	PF	Scientific cultivation of mustard	01	On	7	6	13	14	2	16	29
Crop Science	PF	Scientific cultivation of mustard	01	On	8	2	10	17	4	21	31
Crop Science	PF	Scientific cultivation of mustard	01	On	0	0	0	22	7	29	29
Crop Science	PF	Scientific cultivation of mustard	01	On	3	1	4	16	6	22	26
Crop Science	PF	Scientific cultivation of mustard	01	On	5	2	7	2	4	06	13
Crop	PF	Weed management in	01	On	10	9	19	7	4	11	30

Science		mustard									
Crop Science	PF	Weed management in mustard	01	On	0	1	1	9	0	9	10
Crop Science	PF	Seed Production	01	On	0	1	10	0	0	0	10
Crop Science	PF	Seed Production	01	On	0	10	1	0	4	4	05
Crop Science	PF	Water management in mustard	01	On	10	24	34	0	0	0	34
Crop Science	PF	Water management in mustard	01	On	5	0	5	6	2	0	5
Crop Science	PF	Water & Weed management in mustard	01	On	5	24	29	0	2	2	31
Crop Science	PF	Water & Weed management in mustard	01	On	5	0	10	0	2	2	12
Horticulture											
Horticulture	PF	Problem related to malnutrition and stratagies to mitigate malnutritions.	01	**On**	**31**	**0**	**31**	**4**	0	4	**35**
Horticulture	PF	PMKSY Awareness prog.	01	**Off**	**0**	**0**	**0**	**74**	**6**	**80**	**80**
Horticulture	PF	Importance of NF & techniques	01	**Off**	0	2	2	6	7	13	15
Horticulture	PF	Involved techniques of vegetable cultivation	01	**On**	1	5	6	26	3	29	35
Horticulture	PF	Emerging techniques for horticultural crops	01	On	1	0	1	11	5	16	17
Horticulture	PF	Modern techniques of raising horticultural crops	01	On	0	0	0	28	1	29	29
Horticulture	PF	Nutrigarden establishment & management	01	On	0	0	0	08	00	08	08
Horticulture	PF	Scientific cultivation of horticultural crop	01	On	3	20	23	8	2	10	33
Horticulture	PF	Nursery preparation & nutrigarden preparation	01	On	0	7	7	2	36	38	45
Horticulture	PF	Natural Farming	01	On	0	0	0	08	0	08	08
Horticulture	PF	Drip irrigation in banana	01	Off	0	0	0	12	01	13	13
Horticulture	PF	Morden techniques of makhana cultivation	01	On	3	17	20	12	0	12	32
Horticulture	PF	Scientific cultivation of banana	01	On	3	7	10	15	18	33	43
Horticulture	PF	Importance of nutrition in our diet	01	On	3	7	10	15	18	33	43
Horticulture	PF	Commercial cultivation of horticultural crops	01	Off	17	5	22	07	2	09	31
Horticulture	PF	Commercial cultivation of horticultural crops	01	Off	0	0	0	41	13	54	54
Horticulture	PF	Commercial cultivation of	01	Off	0	0	0	53	20	73	73

		horticultural crops									
Horticulture	PF	Importance of NF & techniques	01	**Off**	0	2	2	26	37	63	65
Horticulture	PF	Involved techniques of vegetable cultivation	01	**On**	1	5	6	26	30	56	62
Horticulture	PF	Emerging techniques for horticultural crops	01	On	1	0	1	19	36	55	56
Horticulture	PF	Modern techniques of raising horticultural crops	01	On	0	0	0	08	20	28	28
Horticulture	PF	Nutrigarden establishment & management	01	On	0	0	0	08	30	38	38
Horticulture	PF	Nursery management in nutria garden development	01	On	9	27	36	17	09	26	62
Horticulture	PF	Commercial cultivation of flowers	01	On	4	4	8	28	2	30	38
Horticulture	PF	Commercial cultivation of horticultural crops	01	Off	3	15	18	3	1	4	22
Horticulture	PF	Maize cultivation	01	Off	9	14	23	7	1	8	31
Horticulture	PF	Commercial cultivation of vegetable crops in rabi season	01	On	12	29	41	0	0	0	41
Horticulture	PF	Scientific cultivation of tomato	01	Off	0	0	0	16	2	18	18
Horticulture	PF	Scientific cultivation of Mango	01	Off	1	0	1	14	0	14	15
Horticulture	PF	Scientific cultivation of horticultural crop	01	On	3	8	11	0	2	02	04
Horticulture	PF	Nursery preparation &nutria garden preparation	01	On	5	7	12	0	06	06	12
Horticulture	PF	Natural Farming	01	On	5	2	7	0	09	09	18
Horticulture	PF	Drip irrigation in banana	01	Off	5	3	8	02	08	10	17
Plant Protection											
Plant Protection	PF	IPM in Maize	1	On	2	0	2	20	01	21	23
Plant Protection	PF	IPM in Maize	1	On	1	0	1	13	0	13	14
Plant Protection	PF	IDM in Maize	1	On	2	8	10	13	3	16	26
Plant Protection	PF	IPM in Maize	1	On	1	6	7	39	8	47	54
Plant Protection	PF	IPM & IDM in Maize	1	Off	0	0	0	0	8	8	8
Plant Protection	PF	IPM in Moong	1	On	1	0	1	16	1	17	18
Plant Protection	PF	IPM in Moong	1	On	0	9	9	3	24	27	36
Plant Protection	PF	IPM in Maize	1	On	1	2	3	30	0	30	33

Plant Protection	PF	IPM in Moong	1	Off	4	0	4	18	6	24	30
Plant Protection	PF	IPM in Moong	1	On	1	5	6	32	8	40	46
Plant Protection	PF	IDM in Banana	1	Off	0	0	0	16	0	16	16
Plant Protection	PF	IPM in Moong	1	Off	18	16	34	58	13	71	105
Plant Protection	PF	IDM in Moong	1	Off	17	7	24	35	15	50	74
Plant Protection	PF	IPM in Banana	1	On	18	9	27	38	18	56	83
Plant Protection	PF	IPM in Millets	1	Off	13	6	19	35	15	50	69
Plant Protection	PF	IPM in Moong	1	Off	14	6	20	46	27	73	93
Plant Protection	PF	Natural Farming	1	On	0	0	0	43	0	43	43
Plant Protection	PF	IPM in Maize	1	Off	2	0	2	24	0	24	26
Plant Protection	PF	IPM in Millets	1	On	2	0	2	24	0	24	26
Plant Protection	PF	IPM in Paddy	1	Off	2	0	2	24	0	24	26
Plant Protection	PF	Scientist Farmer Interaction	1	On	2	0	2	20	3	23	25
Plant Protection	PF	Natural Farming	1	On	3	0	3	15	2	17	20
Plant Protection	PF	IPM & IDM in Banana	1	Off	4	2	6	25	3	28	34
Plant Protection	PF	IPM in Kharif maize	1	Off	0	0	0	26	8	34	34
Plant Protection	PF	IPM in maize	1	Off	0	0	0	19	0	19	19
Plant Protection	PF	Natural farming in banana	1	On	4	0	4	44	14	58	62
Plant Protection	PF	IPM on Paddy	1	On	0	3	3	45	9	54	57
Plant Protection	PF	Natural Farming	1	On	0	0	0	48	20	68	68
Plant Protection	PF	IPM in maize	1	Off	0	0	0	50	3	53	53
Plant Protection	PF	Natural Farming	1	On	14	6	20	58	19	77	97
Plant Protection	PF	IPM in maize	1	On	3	1	4	43	9	52	56
Plant Protection	PF	Natural Farming	1	Off	6	0	6	23	2	25	31
Plant Protection	PF	Mushroom Cultivation	1	On	7	13	20	0	0	0	20

Plant Protection	PF	IPM in Vegetable	1	On	7	38	45	0	0	0	45
Plant Protection	PF	IPM in maize	1	On	0	0	0	24	2	26	26
Plant Protection	PF	IPM in maize	1	On	2	0	2	24	0	24	26
Plant Protection	PF	IPM in maize	1	Off	2	0	2	24	0	24	26
Plant Protection	PF	IPM in maize	1	On	2	0	2	20	3	23	25
Plant Protection	PF	IPM in maize	1	On	3	0	3	15	2	17	20
Plant Protection	PF	IPM in maize	1	On	2	0	2	24	0	24	26
Plant Protection	PF	IPM in maize	1	Off	2	0	2	24	0	24	26
Plant Protection	PF	IPM in maize	1	On	2	0	2	20	3	23	25
Plant Protection	PF	IPM in maize	1	On	3	0	3	15	2	17	20
Plant Protection	PF	IPM in maize	1	Off	4	2	6	25	3	28	34
Plant Protection	PF	IPM in maize	1	Off	0	0	0	26	8	34	34
Plant Protection	PF	IPM in maize	1	Off	0	0	0	19	0	19	19
Plant Protection	PF	IPM in maize	1	On	2	0	2	24	0	24	26
Plant Protection	PF	IPM in maize	1	Off	2	0	2	24	0	24	26
Plant Protection	PF	IPM in maize	1	On	2	0	2	20	3	23	25
Plant Protection	PF	IPM in maize	1	On	3	0	3	15	2	17	20
Plant Protection	PF	IPM in maize	1	Off	4	2	6	25	3	28	34
Plant Protection	PF	IPM in maize	1	Off	0	0	0	26	8	34	34
Plant Protection	PF	IPM in maize	1	Off	0	0	0	19	0	19	19
Plant Protection	PF	IPM in maize	1	On	4	0	4	44	14	58	62
Plant Protection	PF	IPM in maize	1	On	0	3	3	45	9	54	57
Plant Protection	PF	IPM in maize	1	On	2	0	2	24	0	24	26
Plant Protection	PF	IPM in maize	1	Off	2	0	2	24	0	24	26
Plant Protection	PF	IPM in maize	1	On	2	0	2	20	3	23	25

Plant Protection	PF	IPM in maize	1	On	3	0	3	15	2	17	20
Plant Protection	PF	IPM in maize	1	Off	4	2	6	25	3	28	34
Plant Protection	PF	IPM in maize	1	Off	0	0	0	26	8	34	34
Plant Protection	PF	IPM in maize	1	Off	0	0	0	19	0	19	19
Plant Protection	PF	IPM in maize	1	On	4	0	4	44	14	58	62
Plant Protection	PF	IPM in maize	1	On	0	3	3	45	9	54	57
Plant Protection	PF	IPM in maize	1	On	14	6	20	58	19	77	97
Plant Protection	PF	IPM in maize	1	On	3	1	4	43	9	52	56
Plant Protection	PF	IPM in maize	1	Off	6	0	6	23	2	25	31
Plant Protection	PF	IPM in maize	1	On	7	13	20	0	0	0	20
Plant Protection	PF	IPM in maize	1	On	7	38	45	0	0	0	45
Plant Protection	PF	IPM in maize	1	On	0	0	0	24	2	26	26
Plant Protection	PF	IPM in maize									
Plant Protection	PF	IPM in maize	1	On	1	6	7	39	8	47	54
Plant Protection	PF	IPM in maize	1	Off	0	0	0	0	8	8	8
Ag. Engg.											
Ag. Engg.	PF	Farm Machinery	3	On	24	8	32	4	2	6	38
Ag. Engg.	PF	Application & Benefits of Manually operated dibblers for maize crop	1	Off	05	00	05	17	00	17	22
Ag. Engg.	PF	Application & Benefits of micro irrigation in marigold	1	Off	01	00	01	14	00	14	15
Ag. Engg.	PF	Application of farm machinery for rabi crops	1	Off	05	03	08	26	08	34	42
Ag. Engg.	PF	Role of farm mechanization in rabi crops	1	Off	00	04	04	19	11	30	34
Ag. Engg.	PF	Application & benefits ofmanually operated dibbler for maize crops.	1	Off	00	00	00	24	00	24	24
Ag. Engg.	PF	Natural Farming	2	On	30	11	41	8	00	08	49
Ag. Engg.	PF	Importance of Zero tillage in crop cultivation	1	On	00	09	09	0	02	02	11
Ag. Engg.	PF	Importance of DSR	1	On	00	09	09	0	02	02	11

Ag. Engg.	PF	Scientific Cultivation of green gram with zero tillage	1	Off	62	16	78	18	4	22	100
Ag. Engg.	PF	Scientific Cultivation of green gram with zero tillage	1	Off	59	5	64	4	1	5	69
Ag. Engg.	PF	Application of farm machinery in weed management for moong crop	1	On	18	2	20	1	0	1	21
Ag. Engg.	PF	Importance of micro irrigation for moon crop	1	On	21	2	23	6	1	7	30
Ag. Engg.	PF	Benefits of micro irrigation for green gram crop	1	On	13	3	16	3	1	4	20
Ag. Engg.	PF	Introduction of different spraying tools for disease management in banana cultivation	1	Off	16	0	16	0	0	0	16
Ag. Engg.	PF	Role of farm mechanization in rabi crops	1	Off	0	4	4	19	11	30	34
Ag. Engg.	PF	Application & benefits ofmanually operated dibbler for maize crops.	1	Off	0	0	0	24	0	24	24
Ag. Engg.	PF	Introduction of diff. machinery for zero tillage	1	Off	21	2	23	4	3	7	30
Ag. Engg.	PF	Emerging irrigation techniques for cultivation of horticulture crop in shed net	1	Off	11	5	16	1	0	1	17
Ag. Engg.	PF	Cultivation of Paddy with zero tillage technique	1	On	21	7	28	7	0	7	35
Ag. Engg.	PF	Exposure visit to custom hiring center	1	Off	0	7	7	0	2	2	9
Ag. Engg.	PF	Importance of DSR	1	On	0	7	7	0	2	2	9
Ag. Engg.	PF	Importance of DSR	1	On	0	7	7	0	2	2	9
Ag. Engg.	PF	Importance of DSR	1	On	43	4	47	4	0	4	51
Ag. Engg.	PF	Solar power irrigation system	1	On	26	2	28	2	0	2	30
Ag. Engg.	PF	Application of drip irrigation in banana & mango orchard	1	Off	28	1	29	0	0	0	29
Ag. Engg.	PF	Multi crop planter & its calibration	1	On	18	2	20	0	0	0	20
Ag. Engg.	PF	Different farm machinery used for direct seeded rice	1	Off	16	9	25	0	0	0	25
Ag. Engg.	PF	Importance & benefits of drip irrigation in banana cultivation	1	Off	12	1	13	2	0	2	15
Ag. Engg.	PF	Awareness prog. about latest farm machinery &equipment	1	On	44	14	58	4	0	4	62
Ag. Engg.	PF	Importance & benefits of farm mechanization	1	Off	15	0	15	0	0	0	15
Ag. Engg.	PF	Importance & benefits of	1	Off	23	5	28	48	2	50	78

		sowing machine									
Ag. Engg.	PF	Importance & benefits of maize planter	1	Off	23	5	28	4	2	6	34
Ag. Engg.	PF	Importance of farm mechanization	1	Off	25	6	31	12	2	14	45
Ag. Engg.	PF	Importance of zero tillage in wheat crop	1	Off	19	2	21	18	0	18	39
Ag. Engg.	PF	Application of farm machinery for rabi crop	1	Off	26	8	34	5	3	8	42
Ag. Engg.	PF	Importance of zero tillage	1	On	0	7	7	0	2	2	9
Ag. Engg.	PF	Importance of zero tillage	1	On	0	7	7	0	2	2	9
Ag. Engg.	PF	Role of farm mechanization in rabi crop	1	Off	19	11	30	0	4	4	34
Ag. Engg.	PF	Application & advantage of manually operated dibbler for maize crop	1	Off	24	0	24	0	0	0	24
Ag. Engg.	PF	Importance of farm mechanization	1	Off	25	6	31	12	2	14	45
Ag. Engg.	PF	Application & benefits of manually operated dibblers for maize crop	1	Off	17	0	17	5	0	5	22
Ag. Engg.	PF	Application & benefits of micro irrigation in marigold	1	Off	14	0	14	1	0	1	15

H) Vocational training programmes for Rural Youth

Details of training programme for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				M	F	T	Type of units	Number of units	Number of persons employed	
Mushroom Cultivation	Income Generation	Mushroom Cultivation	5	30	23	53	Mushroom Cultivation	15	15	15
Mushroom Cultivation	Income Generation	Mushroom Cultivation	3	27	05	32		05	05	05
Mushroom Cultivation	Income Generation	Mushroom Cultivation	3	34	01	35		05	05	05
Mushroom Cultivation	Income Generation	Mushroom Cultivation	5	24	03	27		10	10	10
Integrated Nutrient Management	Nutrient Management	Integrated Nutrient Management	15	25	05	30	Integrated Nutrient Management	30	30	30
Integrated Nutrient Management	Nutrient Management	Integrated Nutrient Management	15	27	03	30		30	30	30
Integrated Nutrient	Nutrient Management	Integrated Nutrient Management	15	27	03	30		30	30	30

Management										
Nutrient Management	Nutrient Management	Nutrient Management in Vegetable	01	19	24	43		12	12	12
Bee Keeping	Income Generation	Bee Keeping	18	25	03	28	Bee Keeping	16	16	16
Bee Keeping	Income Generation	Bee Keeping	10	26	04	30		10	10	10
Bee Keeping	Income Generation	Bee Keeping	10	24	03	27		12	12	12
Vermicompost Producer	Income Generation	Vermicompost Producer	10	21	09	30	Vermicompost Producer	06	06	06
Vermicompost Producer	Income Generation	Vermicompost Producer	10	27	03	30		05	05	05
Vermicompost Producer	Income Generation	Vermicompost Producer	02	26	14	40		05	05	05

I) Sponsored Training Programmes

Sl.	Title	Thematic area	Month	Duration (days)	Client PF/ RY/ EF	No. of courses	No. of Participants									Sponsoring Agency
							Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Honey Bees	Entrepreneurship	Jan	03	RY	03	20	05	0	13	22	0	33	27	0	60	Horticulture ADHO
2	Honey Production	Crop Management	Jan	03	RY	03	20	05	0	13	22	0	33	27	0	60	Horticulture ADHO
3	Scientific Cultivation of Maize	Cropping System	April	03	EF	01	86	06	0	05	02	0	91	08	0	99	ATMA
4	Mushroom Cultivation	Entrepreneurship	Aug.	02	RY	02	28	02	0	12	03	0	40	05	0	45	Horti. ADH
5	Mushroom Cultivation	Entrepreneurship	Sept	01	EF	01	24	06	0	08	02	0	32	08	0	40	ADH Khagaria
6	IPM & IDM in Papaya	IPM	Sept	01	EF	01	35	18	0	14	06	0	41	24	0	65	ADH Khagaria

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

Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total													

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

Total no of training organised	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
01	**ASCI**	**Vermi Compost**	**02 Days**	**06**	**02**	**0**	**0**	**23**	**9**	**29**	**11**	**40**	**84,000**

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

Total no of training organised	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
01	**AGR/Q5301**	**Beekeeper (Ver-3.0)**	**60**	**02**	**02**	**0**	**0**	**20**	**06**	**22**	**08**	**30**	**179544**
02	**AGR/Q5301**	**Beekeeper (Ver-3.0)**	**60**	**01**	**01**	**0**	**0**	**14**	**04**	**15**	**05**	**30**	**179544**
03	**AGR/Q5301**	**Beekeeper (Ver-3.0)**	**60**	**03**	**01**	**0**	**0**	**22**	**04**	**25**	**05**	**30**	**179544**
04	**AGR/Q1203**	**Vermicompost Producer (Ver-3.0)**	**60**	**03**	**01**	**0**	**0**	**23**	**03**	**26**	**04**	**30**	**193980**
05	**AGR/Q1203**	**Vermicompost Producer (Ver-3.0)**	**60**	**02**	**02**	**0**	**0**	**17**	**09**	**19**	**11**	**30**	**193980**

3.5. A. ACHEVEMENTS OF EXTENSION/OUTREACH ACTIVITIES

(Including activities of FLD programmes)

Nature of Extension Activity	**No. of activities**	**Farmers**					**Extension Officials**					**Total**				
		M	**F**	**Total**	**SC (no.)**	**ST (no.)**	**M**	**F**	**Total**	**SC (no.)**	**ST (no.)**	**M**	**F**	**Total**	**SC (no.)**	**ST (no.)**
Kisan Mela participated	**03**	**478**	**165**	**643**	**225**	**0**	**08**	**04**	**12**	**01**	**0**	**485**	**169**	**880**	**226**	**0**
Field Day	**06**	**163**	**49**	**212**	**16**	**0**	**0**	**0**	**0**	**0**	**0**	**163**	**49**	**212**	**16**	**0**
Kisan Ghosthi	**03**	**169**	**29**	**198**	**18**	**0**	**0**	**0**	**0**	**0**	**0**	**169**	**29**	**198**	**18**	**0**
Exhibition organized	**03**	**68**	**55**	**61**	**01**	**0**	**04**	**01**	**05**	**0**	**0**	**72**	**56**	**127**	**01**	**0**

Participation in exhibition	**03**	**68**	**55**	**61**	**01**	**0**	**04**	**01**	**05**	**0**	**0**	**72**	**56**	**127**	**01**	**0**
Film Show																
Method Demonstrations																
Farmers Seminar																
Workshop	**05**	**05**	**00**	**05**	**0**	**0**	**0**	**0**	**0**	**0**	**00**	**05**	**00**	**05**	**0**	**0**
Group discussion																
Lectures delivered as resource persons	**07**	**167**	**09**	**176**	**53**	**0**	**0**	**0**	**0**	**0**	**0**	**167**	**09**	**176**	**53**	**0**
Advisory Services	**192**	**6240**	**820**	**7060**	**1830**	**520**	**0**	**0**	**0**	**0**	**0**	**6240**	**820**	**7060**	**1830**	**0**
Scientific visit to farmers field	**149**	**203**	**21**	**224**	**19**	**0**	**0**	**0**	**0**	**00**	**0**	**203**	**21**	**224**	**19**	**0**
Farmers visit to KVK	**632**	**438**	**153**	**591**	**29**	**0**	**0**	**0**	**0**	**0**	**00**	**438**	**153**	**591**	**29**	**0**
Diagnostic visits	**79**	**106**	**21**	**127**	**06**	**00**	**0**	**0**	**0**	**0**	**0**	**106**	**21**	**127**	**06**	**00**
Exposure visits	**04**	**139**	**38**	**177**	**08**	**0**	**0**	**0**	**00**	**0**	**0**	**139**	**38**	**177**	**08**	**0**
Ex-trainees Sammelan																
Soil health Camp																
Animal Health Camp	**01**	**0**	**0**	**0**	**73**	**00**	**0**	**0**	**0**	**00**	**0**	**0**	**0**	**0**	**73**	**0**
Agri mobile clinic																
Soil test campaigns																
Farm Science Club Conveners meet																
Self Help Group Conveners meetings																
Mahila Mandals Conveners meetings																
Special day celebration																
Sankalp Se Siddhi																
Swatchta Hi Sewa	**16**	**171**	**102**	**273**	**16**	**0**	**0**	**0**	**0**	**0**	**0**	**171**	**102**	**273**	**16**	**0**
Celebration of important date																
Others Rastriya Poshan Mah	**06**	**182**	**71**	**253**	**44**	**0**	**0**	**0**	**0**	**0**	**0**	**184**	**95**	**279**	**44**	**0**

B. Other Extension/content mobilization activities

Nature of Extension Activity	No. of activities
Newspaper coverage	**39**
Radio talks	
TV talks	
Popular articles published	**08**
Extension Literature	
Electronic media	**54**
Any other	

C. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
-	-	-	-
-	-	-	-

D. Celebration of important days in KVKs

Celebration of Important Days	No. of activities	Farmers			Extension Officials			Total		
		M	F	Total	M	F	Total	M	F	Total
Republic day (26th Jan.)	1	11	5	20	1	1	8	12	06	18
International Women's Day (8th Mar.)	1	0	32	32	2	1	3	02	33	35
Ambedkar Jayanti (14th Apr.)	0	0	0	0	0	0	0	0	0	0
World's Veterinary Day (Last week of April)	0	0	0	0	0	0	0	0	0	0
World 'Milk Day	0	0	0	0	0	0	0	0	0	0
International Yoga Day (21st Jun.)	1	0	0	0	10	4	14	10	4	14
Independence Day (15th Aug.)	1	12	5	17	11	2	13	23	7	30
Parthenium Awareness Week	2	32	12	44	3	3	6	35	15	50
Hindi Diwas (14th Sep.)	0	0	0	0	0	0	0	0	0	0
Gandhi Jayanti (2nd Oct.)	1	5	7	12	10	1	11	15	8	23
Mahila Kisan Diwas (15th Oct.)	1	7	30	37	3	5	8	10	35	45
World Food Day (16th Oct.)	0	0	0	0	0	0	0	0	0	0
Vigilance Awareness Week	1	45	9	54	4	2	6	49	11	60
National Unity Day (31st Oct.)	1	36	8	44	3	1	4	39	9	48
World Science Day (10th Nov.)	0	0	0	0	0	0	0	0	0	0
National Education Day (11th Nov.)	0	0	0	0	0	0	0	0	0	0
Fisheries day (21 Nov)	0	0	0	0	0	0	0	0	0	0
National Constitution Day (26th Nov.)	1	9	3	12	10	1	11	19	4	23
World Soil Day (5th Dec.)	0	0	0	0	0	0	0	0	0	0
Kisan Diwas (23rd Dec.)	1	12	8	20	1	0	1	13	8	21
Any other day										

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

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total
1	28.02.2024	Release of the 16th instalment under the PM Kisan Scheme	**PM**	**52**	**0**	**0**	**52**
2	18.06.2024	PM Live telecast Kisan Samman Nidhi	**PM**	**101**	**02**	**0**	**103**
3	11.08.2024	PM live telecast (Release of 109 varieties)	**PM**	**50**	**02**	**0**	**52**
4	15.08.2024	Live telecast on Nationwide Launch of National Pest surveillance system (NPSS)	**A.M**	**13**	**02**	**0**	**15**
5	05.10.2024	Launch of various initiatives related to the Agricultural and Animal Husbandry sector	**PM**	**65**	**07**	**0**	**72**

3.5 A. PRODUCTION AND SUPPLY OF TECHNOLOGICAL PRODUCTS

A. Seed production at seed village

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

B. Seed production at KVK farm

Type of seed produced	**Variety**	**Quantity of seed (q)**	**Value (Rs)**	**Number of farmers to whom seed provided**			
				SC	**ST**	**Other**	**Total**
Cereals	**Wheat, HD -2967**	**142 q.**	**Seed Sold by DSF, BAU, Sabour**				
Oil seed							
Pulses							
Green Manure							
Commercial crop							
Vegetables							
Fodder							
Spices							
Fruits							
Forest crop							
Ornamental/flower	--						
Medicinal							
Grand Total		**142 q.**					

C. Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower							
Cabbage							
Tomato	**Kashi Visesh**	**13810**	**1 Rs/plant**	**460**	**00**		**460**
Brinjal	**PH-6**	**6620**	**1 Rs/plant**	**220**	**00**		**220**
Chilli (Shimla)	**Indus**	**612**	**1 Rs/plant**	**21**	**00**		**21**
Onion							
Others (Bottle gourd,)	**Narendra Rashmi**	**1560**		**52**	**00**		**52**
Others (Bitter Gourd)	**Pusa Sada Bahar**	**1560**		**52**	**00**		**52**
Commercial seedlings							
Mulberry							
Sugarcane,							
Sweet Potato							
Turmeric							
Zinger							
Others							
Fruits seedlings							
Mango							
Guava							
Lime							
Papaya	**Madhvi Dwarf**	**319**	**30 Rs/Plant**	**30**	**00**		**30**
Banana	**G-9**	**402**	**10 Rs/plant**	**40**	**00**		**40**
Ornamental plants							
Marigold							
Annual chrysanthemum							
Tuberose							
Others							
Medicinal and Aromatic							
Plantation							
Tuber Elephant yams							
Spices							
Grand Total		**24,883**					**875**

D. Forest species

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

E. Fodder crops saplings

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

F. Production of Bio-Products

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

G. Production of livestock & fisheries materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows	--	--	--	--	--	--	--
Buffaloes	--	--	--	--	--	--	--
Calves	--	--	--	--	--	--	--
Others (Pl. specify)	--	--	--	--	--	--	--
Small ruminants							
Sheep	--	--	--	--	--	--	--
Goat	--	--	--	--	--	--	--
Other, please specify	--	--	--	--	--	--	--
Poultry	**Vanraja**	**149**	**37250**	**-**	**-**	**25**	**25**
Broilers	--	--	--	--	--	--	--
Layers	--	--	--	--	--	--	--
Duals (broiler and layer)	--	--	--	--	--	--	--
Japanese Quail	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--
Emu	--	--	--	--	--	--	--
Ducks	--	--	--	--	--	--	--
Others (Pl. specify)	--	--	--	--	--	--	--
Piggery							

Piglet	--	--	--	--	--	--	--
Hog	--	--	--	--	--	--	--
Others (Pl. specify)	--	--	--	--	--	--	--
Rabbitry							
Fisheries							
Indian carp	--	--	--	--	--	--	--
Exotic carp	--	--	--	--	--	--	--
Mixed carp	--	--	--	--	--	--	--
Fish fingerlings	--	--	--	--	--	--	--
Spawn	--	--	--	--	--	--	--
Others (Pl. specify)	--	--	--	--	--	--	--
Grand Total	--	--	--	--	--	--	--

H. SOIL & WATER TESTING

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

Sl. No	Name of the Equipment	Qty.
01	**Mini Kit**	**Not in Function**

b. Details of samples analyzed so far

Total number of soil samples analyzed till now		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
00		

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

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

d. Details of World Soil Day Celebration

Sl. No.	No. of Activity conducted	Soil Health Cards distributed	No. of farmers benefitted	No. of VIPs Number of	Name (s) of VIP(s) involved if any	Total No. of Participants attended the program
01	**01**	**00**	**76**	**01**	**DAO, Khagaria**	**77**

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

S.No	No of training programme conducted	No. of demonstrations	No. of plant material produced	Visit by the farmers (No.)	Visit by the officials (No.)
01	**11**	**00**	**00**	**115**	**08**

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

1. Name of Seed Hub Centre: N/A

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

2. Quality Seed Production of Pulses

Season	Name of crop taken under seed production	Name of variety taken under seed production	Crop and variety wise area (ha) covered under seed production	Crop and variety wise Yield (Q/ha)	Crop and variety wise quantity of seed produced (Q)	Crop and variety wise quantity of seed sale out (Q)	Crop and variety wise number of farmers purchased seed from KVK	Quantity of seed sale out to farmers (Q)	No of village covered through sale of seed	Quantity of seed sale out to other organization (Q)	Amount generated (Lakh) during 2024-24	Total amount (Lakh) in Seed Hub project presently
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--

3. Financial Progress

Fund received	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17	--	--	--	--
2017-18	--	--	--	--
2018-19	--	--	--	--
2019	--	--	--	--
2020	--	--	--	--
2021	--	--	--	--
2022	--	--	--	--
2023	--	--	--	--
2024	--	--	--	--

4. Infrastructure Development

Sl. No.	Item	Progress
1	**Seed storage structure**	**Completed**
2	**NHM (National Horticulture Mission) Develop Small Nursery**	**Completed**
3	**IFS (Integrated Farming System)**	**Completed**
4	**Vermicompost Demo Unit**	**Completed**
5	**Mushroom Demo Unit**	**Completed**

3.6 HUMAN RESOUSES DEVELOPMENT, PUBLICATIONS, AWARDS & RECOGNITION

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

S.No	Item	Details of publication bibliographic form (Authors name, year, title, volume, issue, page no, journal name)	NASS Rating	
			>6	<6
1	Research paper	Das. D.P and Pandey, A (2024). Soil moisture retrieval from dual polarized sentinel 1 sar data over ag. Region using a water cloud model. *environmental monitoring assessment journal. 197(1)(1-22), Springer publications* .	**9**	
2	Research paper	Title :- Field Screening of F2 Population (Muktakeshi × Pant Samrat) to Observe Phomopsis Fruit Rot in Brinjal Journal Name :- Environment and Ecology 42 (3A) : 1125—1127, July—September 2024 Article DOI: https://doi.org/10.60151/envec/INUO4200 ISSN 0970-0420 Author Name- Mrinal Kumar, Kamalkant, Shirin Akhtar, Rupam Rani*, Md Zaffrul Islam, Chanda Kushwaha, R. B. Verma		**4.87**

B. Details of Other Publications

Particulars	Details of publication bibliographic form	No of copies published (if any)	No of copies distributed (if any)
Abstracts in Seminar/conference/ symposia published			
Books published			
Book chapter published			
Popular articles published	**10**	**2000**	**2000**
Success story published			
TOTAL			

C. Details of Extension Publications

Particulars	Details of publication (Totle, authors name, organization)	No of copies published (if any)	No of copies distributed (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. No.	Name of KVK personnel	designation	Name of course/training program attended	Date	Duration	Organizer/Venue
01	Smt. Rupam Rani	SMS (Horticultural), KVK, Khagaria	2 week Capacity building Programme	04-15 Jan 2024	10 Days	DR. Rjendra Prasad Central Agricultural University, Pusa
02	Smt. Rupam Rani	SMS (Horticultural), KVK, Khagaria	Training –cum-exposure visit on natural farming for the master trainers	11-15 March, 2024	05 Days	MANAGE Hyderabad
03	Smt. Rupam Rani & Sri Dhananjay Paswan Das	SMS (Horticultural), KVK, Khagaria & SMS (Ag.Engg.) KVK, Khagaria	Orientation prog. For newly recruited SMS of KVKs	18-22 March	05 Days	BAU, Sabour
04	Sri Dhananjay Paswan Das	SMS (Ag.Engg.) KVK, Khagaria	Training –cum-exposure visit on rice post production practices	13-15 March, 2024	03 Days	IRRI, Banaras
05	Sri Jitendar Kumar	SMS (Agronomy) KVK, Khagaria	OFT workshop	27-30 May 2024	02 Days	BAU, Sabour
06	Sri N.K. Singh	SMS (Plant Protection), KVK, Khagaria	OFT workshop	27-28 June 2024	02 Days	ATARI. Patna
07	Smt. Rupam Rani	SMS (Horticultural), KVK, Khagaria	OFT workshop	06-07 June 2024	02 Days	ATARI. Patna

08	Smt. Rupam Rani	SMS (Horticultural), KVK, Khagaria	Training prog. On millet processing	25-30 June 2024	05 Days	NIT Rourkela
09	Dr. Bipul Kr. Mandal & Sri N.K. Singh & Sri Dhananjay Paswan Das	Senior Scientist & Head & SMS (Plant Protection), SMS (Ag.Engg.) KVK, Khagaria	Brain Storming Session on millets target,	22 June, 2024	01 Day	BAU, Sabour
10	Sri Dhananjay Paswan Das	SMS (Ag.Engg.) KVK, Khagaria	OFT workshop	25-26 July, 2024	02 Days	ATARI. Patna
11	Smt. Rupam Rani	SMS (Horticultural), KVK, Khagaria	Regional Consultation on Science of Natural Farming	19th July 2024	01	Ministry of Agriculture & Farmers, Welfare
12	Sri Dhananjay Paswan Das	SMS (Ag.Engg.) KVK, Khagaria	CRA	10-12, July, 2024	03 Days	MANAGE Hyderabad
13	Dr. Bipul Kr. Mandal &Sri Dhananjay Paswan Das	Senior Scientist & Head&SMS (Ag.Engg.) KVK, Khagaria	Annual Zonal workshop	29-31 August, 2024	03 days	BAU, Sabour
14	Dr. Bipul Kr. Mandal N.K.Singh	SS&Head, KVK, Khagaria	Natural Farming Workshop	16-18.09.2024	02 Days	ATARI Patna & Piprakothi
15	Sri Dhananjay Paswan Das	SMS (Ag.Engg.) KVK, Khagaria	Training on Solar Power Irrigation System	9-11 Sept	03 Days	Bisa, Jabalpur
16	Sri Dhananjay Paswan Das	SMS (Ag.Engg.) KVK, Khagaria	Recent Advances in Agricultural crop mapping & monitoring using micro wave remote sensing	18 Dec, 2024	01 Day	Shastri Indo Canadian Institute & IIT, Khagarpur

E. Awards/Recognition

Institutional Award received by KVK

Sl. No.	Name of KVK	Name of the Award	Value (In Amount/kind)	Achievement	Conferring Authority
01	**1st Prize in Dr. RPCAU Kisan Mela, 2024**	**1st Prize in Dr. RPCAU, Pusa**			**Dr. RPCAU, Pus**

Award received by KVK Scientists

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

Award received by Farmers

Sl.	Name of KVK	Name of the Farmer	Name of the Award	Address	Contact No.	Value (In Amount/kind)	Achievement	Conferring Authority
01	**Khagaria**	**Anil Kumar**	**Innovative Farmers Award**	**Gouchhari, Gogri**	**8678088866**	-	-	-
02		**Sikandar Singh**		**Kerna, Parwatta**	**9771556315**	-	-	-
03		**Rajiv Kumar**		**Mohhadipur, Parwatta**	**8051948758**	-	-	-

3.7. TECHNOLOGY DEVLOPMENT

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

Sl. No.	Name/ Title of the technology	Brief details of the Innovative Technology	Impact of the technology	Status of commercialization/Patent
1.	Raised bed Technology in Maize	Raised bed Technology in Maize reduces cost of cultivation & increases productivity • It reduces water requirement in irrigation • It reduces occurrence of weeds	Lodging reduced in maize and saving of irrigation water	Adoption in nearby villages of Adopted villages under CRA Programme
2.	Natural Farming	• Natural farming reduces dependency in fertilizer and its adverse impact. • Product has longer self-life and no adverse impact on health.	Saving of fertilizer and healthy produce	Adoption by other farmers

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

Sl. No.	Enterprise	Brief details of the ITK Practiced	Purpose/Impact of ITK	Impact of the technology
1.	**Vegetable Production**	**Neem based insecticide**	**Control of insect and pest**	**Better Efficacy**
2.	**Maize/ Wheat**	**Storage in drums with Neem & Tulsi Leaves**	**Control of insect and pest**	**Better Efficacy**

Give details of by the farmer (if Any)

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

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	Survey Methods	Training Need Assessment
2	Questionnaire	Training Need Assessment
3	Personal Interview	Training Need Assessment
4	Focused group discussion	Training Need Assessment

4. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Honey production technique	**240**	**05-10**	**00**	**2000**
Mushroom production	**150**	**05**	**00**	**Rs. 200 / unit**
Vermicompost	**100**	**05**	**00**	**Rs. 5000/unit**

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

B. Details of entrepreneurship/startup developed by KVK

Entrepreneurship development	
Name of the enterprise	**Bee Keeping**
Name & complete address of the entrepreneur	**Abhinandan Kumar, Teliabathan**
Role of KVK with quantitative data support:	**Training given by KVK**
Timeline of the entrepreneurship development	**02 Years**
Technical Components of the Enterprise	**Honey Production**
Status of entrepreneur before and after the enterprise	**2,25,000/annum**
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	**Family labor, self-marketing of honey 2,25,000/annum income.**
Horizontal spread of enterprise	**15 Bee Keepers developed**

D. Success stories/Case studies, if any

1. Personal information

1.	Name of the farmer/ entrepreneur**Sri Ajit Yadav**
2.	Date of Birth**01.01.1985**
3.	Education**8th**
4.	Farming Experience/ Experience in enterprise**Cereals & Horticultural Crops, Mushroom cultivation**
5.	Cell no./ e-mail**7631140135**

6.	Full address**Vill – Santosh pul, PO- Alouli, Khagaria**
7.	Professional membership ATMA, SHG - **Radha Krishna Group (Farmer club/SHG/ATMA/etc.)**
8.	Major achievement of the farmers**Cereals & horticultural crop production, fish farming, animal husbandry, mushroom cultivation.**
9.	Awards received

2. Professional Information

1.	Title of the success story/case study :- **Enterprise development in field of agriculture and allied**
2.	Situation analysis/Problem statement (What prompted this initiative? What was the problem that needed to be addressed?)**:- Marketing**
3.	Plan, Implement and Support/KVK Intervention(s): (Describe what systems of extension have done to address the challenge. What technology/ technical knowledge being used? How were different agencies engaged in or consulted in the extension process? - Who, What, How) :- **Training, Planning of marketing**
4.	Details of Practices followed by the farmer :-**Cereals & horticultural crop production, fish farming, animal husbandry, mushroom cultivation.**
5.	Results/ Output (economical/ social/ etc.) **Annual income 2,60,000.00** (Key results/ Insight/ Interesting fact- initial, intermediate, or long-term outcome)
6.	Impact/ Outcome: (Determine the HIGHEST level of impact the program had on individuals, families,groupsand/orsociety-Provideashortsummary oftheactualchange(onknowledge,attitude,skills,practice, or policy) that took place. Provide quantitative measures, where possible and use simple graphs ortablestoillustrate a point.)*(50–100words)***Average growth in agricultural & other enterprises get net income 2,60,000.00 annually and motivation among use farm women for mushroom cultivation**
7.	Future plans :- **To develop entrepreneurship among villagers**
8.	Supporting Images

3. Economic Information

Enterprise	Gross Income (annual)	Net income	Cost-Benefit ratio
Cereals & horticultural crop	**204000**	**110000**	**2.17**
Fish Farming	**40,000**	**30,000**	**4.0**
Animal husbandary,	**1,34,000**	**80,000**	**2.48**
mushroom cultivation.	**60,000**	**40,000**	**3.00**

4. Personal information

1.	Name of the farmer/ entrepreneur **Sri Naval Kishore Prasad**
2.	Date of Birth**01.01.1970**
3.	Education**10th**
4.	Farming Experience/ Experience in enterprise**Cereals & Horticultural Crops, Vermicompost production**
5.	Cell no./ e-**mail 79003658956**
6.	Full **addressVill – Bhutauli, PO- Choutham, Khagaria**
7.	Professional membership ATMA, SHG - **Rajni Group (Jeeweka) (Farmer club/SHG/ATMA/etc.)**
8.	Major achievement of the farmers**Cereals & horticultural crop production, fish farming, animal husbandary, Vermicompost production**
9.	Awards received

5. Professional Information

9.	Title of the success story/case study **:- Enterprise development in field of agriculture and allied**
10.	Situation analysis/Problem statement (What prompted this initiative? What was the problem that needed to be addressed?) :- **Marketing**
11.	Plan, Implement and Support/KVK Intervention(s): (Describe what systems of extension have done to address the challenge. What technology/ technical knowledge being used? How were different agencies engaged in or consulted in the extension process? - Who, What, How) :- **Training, Planning of marketing**
12.	Details of Practices followed by the farmer :- **Cereals & horticultural crop production, fish farming, animal husbandry, Vermicompost production**
13.	Results/ Output (economical/ social/ etc.) **Annual Income from all assets 3,05,000.00 & also motivated villagers for natural farming** (Key results/ Insight/ Interesting fact- initial, intermediate, or long-term outcome)
14.	Impact/ Outcome: (Determine the HIGHEST level of impact the program had on individuals, families,groupsand/orsociety-Provideashortsummary

	oftheactualchange(onknowledge,attitude,skills,practice, or policy) that took place. Provide quantitative measures, where possible and use simple graphs ortablestoillustrate a point.)*(50–100words)***Average growth in agricultural & other enterprises get net income 3,05,000.00 annually and motivation among use farm women for Vermicompost production & natural farming.**
15.	Future plans :- **To develop entrepreneurship among villagers**
16.	Supporting Images

6. Economic Information

Enterprise	Gross Income (annual)	Net income	Cost-Benefit ratio
Cereals & horticultural crop	**2,14,000**	**1,50,000**	**3.02**
Fish Farming	**35,000**	**25,000**	**3.5**
Animal husbandary,	**1,50,000**	**90,000**	**2.5**
Vermicompost production	**53,000**	**40,000**	**4.07**

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
ATMA	Participation in different govt programmes such as Kharif and Rabi Mahotsav, Krishi Yantrikaran mela and others, farmers scientist interaction, short term research on technical refinement and validation, demonstration on onion, demonstration on maize, sending farmers in exposure visits and Kisan Mela at BAU, Sabour
DAO	Conducting training programmes, workshops, field surveys
ADH	Participation in technology week, conducted training programmes
Regional Research Centre of IARI, Pusa	Conducting varietal trial on timely shown, late shown, rainfed wheat and short duration paddy varieties
Regional centre for research and seed production on maize (ICAR), Begusarai	Conducted collaborative programmes on demonstration on maize
Jeevika	Training Honey bee keeping and honey production, Installation of exhibition stall during awareness progamme on Pradhanmantri Phasal Beema Yojna
Nehru Yuva Kendra	Trainings
Navakanksha Foundation	Training and field visit
National Bee Board	Training programmes for rural women on Honey bee keeping and honey production
Bihar Mahila Samakhya Society	Training on women empowerment
NABARD	Kisan club formation, Training and other programmes
KRIBHCO	Training and Technology week celebration, Krishi Yatrikaran Mela, Workshops
Sudha Dairy, Barouni	Training and field visit
IFFCO	Training and demonstration
District Industries Center, Khagaria	Training
RSETI, Khagaria	Training
Sabarmati Plantation Farmers Society, Khagaria	Training
ICDS	Establishment of Nutri Garden at Anganwadri Center, Distribution of Nutri Garden Vegetables Seeds and tools, Training
World Vision	Income generating and nutritional security training programme.

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)

Sl. No.	Name of demo Unit	Year of estt.	Area(Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1	**Potato (Natural Farming)**	**2022**	**2000**	**K - Khyati**	**Potato**	**-**	**76860**	**-**	
2	**IFS**	**2021**	**4000**	**P -6**	**Brinjal, poultry, honey**	**423kg +338 birds +Honey**	**-**	**147066**	
	Total								

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Wheat	**Nov, 2024**	**Crop is Standing position**	**7.0**	**HD-2967**	**F/S**	**Crop is Standing position**			
Potato	**Nov, 2024**	**Crop is Standing position**	**0.1**	**K. Khayati**	**T/L**	**Crop is Standing position**			

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

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

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	**Fish**	**Cattla**	**Fish**	**1000**	**250**	**Under Ponds**	

6.5. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
18.03.2022	**IMD**	**Working Condition**

6.6. Utilization of hostel facilities

Accommodation available (No. of beds)

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

(For whole of the year)

6.7 Utilization of staff quarters

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

Months	Q I	QII	Q III	QIV	Q V	QVI
Occupied since January, 2015	**Occupied**	**Occupied**	**Occupied**	**Occupied**	**Occupied**	**Occupied**

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	**Name of the bank**	**Location**	**Account Number**
Current Account	**P.N.B, Khagaria**	**Rajendra Chowk, Khagaria**	**4931002100001609**
Revolving Account	**P.N.B, Khagaria**	**Rajendra Chowk, Khagaria**	**4931002100001618**
ICAR RPL	**SBI, Khagaria**	**Khagaria**	**42587997820**
ICAR Natural Farming	**SBI, Khagaria**	**Khagaria**	**42098436440**
ICAR CFLD OILSEED	**SBI, Khagaria**	**Khagaria**	**42589464528**
ICAR CFLD PULSE	**SBI, Khagaria**	**Khagaria**	**42589564179**
ICAR SKILL Traning	**SBI, Khagaria**	**Khagaria**	**42589459483**
ICAR GIA Salary	**SBI, Khagaria**	**Khagaria**	**42972496408**

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

Item	Released by ICAR			Expenditure			Unspent balance as on 31.01.2024
	Kharif	Rabi	Summer	Kharif	Rabi	Summer	
Soybean	**3,00,000.00**			**2,61,723.00**			**38,277.00**
Mustard		**18,00,000.00**			**2,90,591.00**		**15,09,409.00**
Sunflower			**4,40,000.00**			**1,70,000.00**	**2,70,000.00**

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

Item	Released by ICAR			Expenditure			Unspent balance as on 31.01.2024
	Kharif	Rabi	Summer	Kharif	Rabi	Summer	

7.4. Utilization of KVK funds during the year2024 (Not audited)

Sl. No.	**Heads**	**Sanctioned**	**Released**	**Expenditure**
A. Salary				
1	Pay & Allowances	**1,22,69,000.00**	**98,76,300.00**	**97,31,949.00**
2	Travelling Allowances & HRD	**1,00,000.00**	**1,00,000.00**	**78,609.00**
3	Contingency			
A	ST/POL	**4,34,000.00**	**4,34,000.00**	**4,17,171.00**
B	OFT/FLD/Training	**4,56,000.00**	**4,56,000.00**	**4,13,675.00**
C	Maintenance of Building	**30,000.00**	**30,000.00**	**21,381.00**
D	SCSP	**5,00000.00 (General)** **1,00000.00 (Capital)**	**5,00000.00 (General)** **1,00,000.00 (Capital)**	**4,68,097.00 (General)** **80,000.00 (Capital)**
E	TA			
F	HRD	**25,000.00**	**25000.00**	**7000.00**
J	Extension Activity (Kisan Mela)	**40,000.00**	**40,000.00**	**13,845.00**
	TOTAL (A)	**1,39,54,000.00**	**1,15,61,300.00**	**1,12,31,727.00**
B. Non-Recurring Contingencies				
1				
TOTAL (B)				
C. REVOLVING FUND		**29,08,571.48**	**7,87,661.00**	**10,41,816.00**
GRAND TOTAL (A+B+C) –		**1,68,62,571.48**	**1,23,48,961.00**	**1,22,73,543.00**

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2021				
2022				
2023				
2024	**29,08,571.48**	**7,87,661.00**	**10,41,816.00**	**26,54,416.48**

7.6. (i) Number of SHGs formed by KVKs
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both
Field Visit of Banana, Papaya and Mango orchard	**04**	**Rabi/Kharif**	**ADPP & ADH**	**ATMA**	**Both**

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)

8.2. Prevalent diseases in Livestock/Fishery

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

8.3. Nehru Yuva Kendra (NYK) Training

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

8.4. PPV & FR Sensitization training Programme

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

8.5. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	**6742**
3.	Mobile Apps developed by KVK	**No**
4.	Name of the App	**Meghdut**
5.	Language of the App	**Hindi**
6.	Meant for crop/ livestock/ fishery/ others	**6742**
7.	No. of times downloaded	**09**

8.6 Details of '*Pre-Rabi Campaign*' Programme

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

8.7.Vikisit Viksit Bharat Sanklap Yatra

Sl.	No of events attended	No. of Gram Panchayat covered	Total no of farmer participated	No of Lecture Delivered on Soil Health/ Natural Farming
01	**15**	**45**	**2477**	**55**

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

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 Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)

8.10 **Details of Scientific Advisory Committee (SAC) Meetings**

Date	Number of Participants	Total Statutory Member present (State Line Dept.)	Salient Recommendations	Action Taken
28.06.2024	**52**	**09**	Prepare impact analysis of five selected village under CRA prog and to be informed to agriculture dept.	Impact analysis has been prepares by centers & agriculture dept has been informed about this.
			To develop coordination among all related officials and to be informed about different training prog. conducted at center	Coordination has been developed with officials of agriculture & allied dept. for conduction of training at center.
			Training & demonstration to conducted to promote cultivation of apple ber	Training & demonstration has been conducted for promotion & area expansion of apple ber.
			Popularize the app develop by university.	Advertisement has been done to popularize apps developed by university among farmers.
			Conduct training & fish farming by coordination with fisheries dept.	Training & awareness among farmers were created about fish farming by coordination with fisheries dept officials.
			Conduct training & demonstration to promote direct seeded rice among farmers.	Training & awareness has been conducted to popularize direct seeded rice among farmers.
			Enrich crop cafeteria with millets to create awareness among farmers.	Crop cafeteria has been developed to popularize millets among farmers along with this training has been conducted on millets cultivation among farmers.
			Develop upto 1500 seedlings and saplings of fruits & vegetables at centers nursery.	More than 15000 seedlings & saplings of fruit & vegetable has been developed at centers nursery.
			Develop CRA adopted villages as mushroom village.	Amni village has been developed as mushroom village.

			Napier grass should be involved in centers FLD prog. & should be demonstrated among farmers.	Napier grass has been included in FLD & demonstration has been conducted among farmers.

**Salient recommendations of SAC in bullet points*

Details of other meeting related to ATARI

Date	Type of Meeting	Agenda	Representative from ATARI
06.11.2024	Urgent Meeting	Urgent Meeting	Director ATARI
22.10.2024	Financial Management of CFLD	Financial Management of CFLD	Director ATARI
03.10.2024	100 days achievement & other issues of KVKs	100 days achievement & other issues of KVKs	Director ATARI

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

Type of attachment	No of student trained	No of days stayed
RAWE	**38**	**8 months**

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)

Season	Village Covered (no.)	Block Covered (no.)	District Covered (No.)	Respondent (no.)	Trial Name	Area covered (ha)	Name of Crop	Technology Options	Variety name	Duration (Days)	Sowing date	Harvesting date	Days of Maturity	Grain Yield (q/ha)	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	BCR

11.2 Details of Tribal Sub Plan (TSP)

a. Achievements of physical output under TSP

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer		
b.	Women		
c.	Rural Youths		
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries

3)	FLD	No. of FLDs	No. of beneficiaries
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
5)	Other activities		
a.	Participants in extension activities (No.)		
b.	Production of seed (q)		
c.	Production of Planting material (No. in lakh)		
d.	Production of Livestock strains (No. in lakh)		
e.	Production of fingerlings (No. in lakh)		
f.	Testing of Soil, water, plant, manures samples (Nos.)		
g.	Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)		
h.	No. of other programmesoraginsed (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 implements/ tools etc.	No. per household	

d. Location and Beneficiary Details during 2024

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

11.3. Details of Scheduled Caste Sub Plan (SCSP)

Sl.	Activities	Physical Achievement	
1)	**Trainings**	**No. of Trainings/Demos**	**No. of beneficiaries**
a.	Farmer	**06 Training**	**249 / 17,860 Seedlings of Brinjal, Bottle gourd, Bitter gourd, Tomato, Cabbage, Papaya, Banana and Others**
b.	Women		
c.	Rural Youths		
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
3)	FLD	No. of FLDs	No. of beneficiaries
	310 Kg (Biofortified Wheat)	**3 ha**	**85**
	25 Kg (Mushroom Kit)	**25 Bag**	**19**
	Vegetable protection net	**24 pc.**	**24**
	Sewing Machin	**15 pc**	**15 Group**
	Goat	**23**	**23**
	Poultry Chick	**3000**	**133**
	Mineral Mixture	**566 Kg**	**206**
	Seedlings	**17860**	**315**
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
5)	Other activities		
a.	Participants in extension activities (No.)	**00**	
b.	Production of seed (q)	**00**	
c.	Production of Planting material (No. in lakh)	**17,860 Seedlings of Brinjal, Bottle gourd, Bitter gourd, Tomato, Cabbage, Papaya, Banana and Others**	
d.	Production of fingerlings (No. in lakh)		
e	Testing of Soil, water, plant, manures samples (Nos.)	**00**	
FTSP	Testing of Soil, water, plant, manures samples (Nos.)		

Name of KVK	NRM		Crop production		Livestock & Fisheries			Capacity Building		Extension Activities	
	Demonstrations	Area (ha)	Demonstrations	Area (ha)	Demonstrations	Area (ha)	No. of animals	No of Courses	Farmers	No. of programmes	Farmers
Zone IV											
	310 Kg (Bio fortified Wheat)	**3 ha**						**08 (Awareness Prog.)**	**249**	**Animal Health Camp (01)**	**73**

11.4. NICRA (Technology Demonstration component)

Overall achievements

Basic Information

KVKs Name	Districts data				NICRA Adopted village					
	RF (mm) district		Temperature ^{0}C		Dry spell/ drought			Intensive rain >60 mm	Flood	
	Normal	Received	Max.	Min.	> 10 days	> 15 days	> 20 days		Water depth (cm)	Duration (days)

Performancesofdemonstrationofin-situmoistureconservation technologies

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

Performances of water harvesting and recycling for supplemental irrigation

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

PerformanceofZTDinvarious crops

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

Performanceofartificialgroundwaterrechargetechnologiesdemonstrated

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

Performanceofdifferentwatersavingirrigationmethods

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

Rainwaterharvestingstructuresdeveloped

New(Nos.)	Renovated(Nos.)	Total	Storagecapacity (cu m)	Protectiveirrigationpotential(ha)	Cropping Intensity (%) increase

Performanceofdifferentdroughttolerantvarieties

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)/Unit	Yield (q/ha)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

Performanceofdifferentshort duration rice varieties

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)/Unit	Yield (q/ha)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

Performanceofdifferentfloodtolerantvarieties

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)/Unit	Yield (q/ha)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

Performanceofadvancementofplantingdatesindifferentcrops

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)/Unit	Yield (q/ha)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

Performancesofwatersavingtechnologiesforricecultivation

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)/Unit	Yield (q/ha))	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

Integration of cropping system with other farming

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

PerformanceofCommunitynurseries

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)	Coverage area (ha)	Economicsofdemonstration(Rs/ha)		
						CoC of nursery	NR from nursery	BCR
	Ragi							
	Paddy							
	Vegetable (name)							
	Other							

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

Performance of different location specific intercropping systems

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)/Unit	Yield (q/ha)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

PerformanceofdifferentcropdiversificationinNICRAvillages

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)	Yield (q/ha)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

Performanceofotherdemonstration

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)/Unit	Yield (q/ha)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

PerformanceofdifferentfodderdemonstrationincommunityIands

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)/Unit	Yield (q/ha)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

Performanceofimprovedfodder

FST type	Crop / season (name)	Technologydemonstrated	No.of farmers	Area(ha)/Unit	Yield (q/ha)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

Performanceofvariousvaccinationcampsorganized

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

For Goat/ sheep/ pig

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

For poultry

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

Performanceoffishintheponds/ water bodies

FST	Fish species	Technologydemonstrated with dose rate	No.of farmers	Area(ha) /Unit	Fish yield (q/ha)	Economicsofdemonstration (Rs/ha)		
						CoC	NR	BCR

PerformanceoflivestockdemonstrationinNICRAadoptedvillages (Buffalo/ Cow)

FST type	Animal / season (name)	Technologydemonstrated	No.of farmers	No. of animals/ unit	Milk yield (liters/ lactation)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

PerformanceoflivestockdemonstrationinNICRAadoptedvillages (Goat/ sheep/ Pig)

FST type	Animal / season (name)	Technologydemonstrated	No. of farmers	No. of animals/ unit	Body wt. (Kg/ animal)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

PerformanceoflivestockdemonstrationinNICRAadoptedvillages (poultry)

FST type	Birds / season (variety/breed)	Technologydemonstrated	No.of farmers	No. of birds / unit	Body wt. (Kg / bird)	Economicsofdemonstration(Rs/ha)		
						GrossCost	NetReturn	BCR

Performanceofimprovedsheltersforpoultryanddairyanimals

FST	Technology demonstrated	No. of farmers	Demo. Unit size (No.)	Survival rate		% Increase in survival	Economics (Rs. /ha)			
				Demo	Local		Gross Cost	Gross Return	Net Return	BCR

INSTITUTIONAL INTERVENTION

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

Revenue generated through Custom Hiring Centres and VCRMC in KVKs

NameofKVK	RevenueGenerated(Rs.)	
	FromCustomHiringCentres(2022-23)	TotalunderVCRMC

Extension Activities

Name of theactivity	Number of Programmes	No. of beneficiaries		
		Male	Female	Total
Kisan Mela participated	**03**	**485**	**169**	**880**
Field Day	**06**	**163**	**49**	**212**
Kisan Ghosthi	**03**	**169**	**29**	**198**
Exhibition organized	**03**	**72**	**56**	**127**
Workshop	**05**	**05**	**00**	**05**
Lectures delivered as resource persons	**07**	**167**	**09**	**176**
Scientific visit to farmers field	**149**	**203**	**21**	**224**
Farmers visit to KVK	**632**	**438**	**153**	**591**
Diagnostic visits	**79**	**106**	**21**	**127**
Exposure visits	**04**	**139**	**38**	**177**
Swatchta Hi Sewa	**06**	**71**	**16**	**87**

SoilHealthCardpreparedanddistributed

KVK	No.ofsoilsamplescollected	No.ofsamplesanalysed	SHCissued	No.offarmersbenefitted

ConvergencePrograme

KVK	DevelopmentScheme/Programme	Natureofwork	Amount(Rs.)

DignitariesvisitedNICRAVillages

NameofKVK	NameofVIPs/Experts	Dateofvisit

Newspaper Coverage

Publication (ResearchPaper, Book, Technicalbulletins Paperpresentedinnational/international seminars etc.)

1. Soil moisture retrieval from dual polarized sentinel 1 sar data over ag. Region using a water cloud model (Research paper on environmental monitoring assessment journal with naas rating 9.)
2. Field screening of F_2 population (Mukta Keshi cross pant samrat) to observe phomopsis fruit rot in brinjal (Research paper on environment & ecology journal with naas rating 4.87)

Success Stories (1-2 nos.)

Name of PI & Co-PI List

Name of KVK	Name of PI	Name Of Co PI

Table: Capacity development (Training On-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

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

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

Attachments: Good quality Photograph

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

Name of State	Name of district	No. of blocks allocated	No. of FPOs registeredas CBBO	Average no of members per FPO	No. of FPO received Management cost	No. of FPO received Equity Grant	Tech. backstopping provided to no. of FPOs	No. of training programme organized for FPOs for Technology backstopping as CBBO	Training received by FPO members (Y/N) If yes then major area of training	Assistance to no. of FPOs in economic activities	Is Business plan prepared for FPOs as CBBOs	Is Business plan prepared for FPOs as without CBBOs	No. Of FPOs doing business
Bihar	**Khagaria**	**Alouli, Parbatta, Khagaria**	**05**	**125**	**05**	**05**	**05**	**05**	**Agriculture & Allied Sector**	**05**	**-**	**-**	**05**

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

S.No	Name of the FPO	Address of FPO	Registration No and Date	Proposed Activity	Commodity Identified	Total No. of BOM Members	Total no of farmers attached	Financial position (Rupees in lakh)	Success indicator
01	**Vitro Biotechnological Ltd.**	**Parbatta**	**08.11.2021**	**Agriculture & Allied Sector**	**-**	**-**	**128**	**08-10 Lakhs**	**-**
02	**Green A revolution Private Limited (De Haat)**	**Khagaria**	**12.05.2023**		**-**	**-**	**89**		**-**
03	**Patanjali Food Limited**	**Khagaria**	**22.09.2023**		**-**	**-**	**118**		**-**
04	**Indian Development Foundation**	**Khagaria**	**22.09.2023**		**-**	**-**	**121**		**-**

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
01	**5000 m^2**	**0**	**10**	**03**	**113**	**06**	**163**

b. Details of OFT/FLD

OFT		
Nutritional Garden		
Bio-fortified Crops		
Value addition (in no. of Unit or no. of Enterprise)		
Other Enterprises (in no. of Unit or no. of Enterprise)		
	Area (ha/ no. of Unit/Enterprise)	**No. of farmers/ beneficiaries**
FLD		
Nutritional Garden	**50 (5000 m^2**	**50 Families**
Bio-fortified Crops		
Value addition (in no. of Unit or no. of Enterprise)		
Other Enterprises (in no. of Unit or no. of Enterprise)		

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

Sl.	Name of Nutri-Smart Village	Type of Nutrition Garden	Number	Area (sqm)	No. of beneficiaries
1.	**Sansarpur**	**Backyard/Kitchen Garden**	**50**	**5000 m2**	**50 Families**
2.		Community level			
3.		Terrace Garden			
4.		Vertical Garden			
TOTAL					

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

Name of Nutri-Smart Village	Season	Activity (OFT/FLD)	Category of crop (cereal/ pulses/oilseed/ fruits & veg./ others	Name of Crop	Variety	Area (ha)	No. of beneficiaries
Sansarpur	**Summer**	**FlD**	**Vegetable**	**Bitter Gourd, Bottle Gourd, Okra, Brinjal, Sponge Gourd**	**Hybrid**	**0.5**	**50 Families**

e. Details of Value addition in Nutri-Smart village

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

f. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Sansarpur	**Problems related to malnutrition & techniques to mitigate that**	**01**	**36**
Sansarpur	**Management of Nutri Garden**	**01**	**25**
Sansarpur	**Importance of Nutri Garden in Eradication of Malnutrion**	**01**	**52**

g. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
Sansarpur	**Development of Nutri Garden, Package & Practices of Vegetable & fruit crop**	**06**	**163**

11.7 Attracting and Retaining Youth in Agriculture (ARYA)

Name of Enterprises	No of Skill training conducted (No.)	Name of Training	Duration (Days)	Youth trained (No.)	Established enterprenerial unit (No.)	No. of Groups Formed for establishment of unit	No. of Members in each Group	No. of Groups active	No. of person left the group	Total Viable unit (No.)	Average size of each enterprenerial unit	Total Production /unit / year	Per unit cost of Production (Rs)	Sale value of Produce (Rs.)	Gross Return /Unit/Year (Rs.)	Economic Gains/ unit (Rs.)	B: C Ratio	Employment generated / year (man day @ 8 hr/ day)

11.8 Out-scaling of Natural Farming Format

Geographical information

Name of State		**BIHAR**	
Name of KVK		**KVK, Khagaria**	
Agro Climatic Zone of Village/KVK		**Agro Climatic Zone IV**	
Farming Situation of the Selected Farmer/KVK	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**
		25.509834	**86.500444**

Physical information

Name of KVK	Name of activity	No of activities organized	No of participants	Participants (Male)						Participants (Female)					
				GEN	OBC	SC	ST	Others	Total	GEN	OBC	SC	ST	Others	Total
Khagaria	**Training**	**04**	**142**	**37**	**60**	**19**	**0**	**0**	**116**	**16**	**10**	**-**	**-**	**-**	**26**
	Awareness	**15**	**2277**	**182**	**1128**	**13**	**0**	**0**	**1323**	**0**	**816**	**138**	**0**	**0**	**954**
	Demonstration	**20**	**20**	**-**	**18**	**01**	**0**	**0**	**19**	**-**	**01**	**-**	**-**	**-**	**01**
	Other activities	**04**	**432**	**151**	**108**	**35**	**0**	**0**	**294**	**27**	**89**	**52**	**0**	**0**	**138**

Training information

Tittle of Natural Farming training Programme	Date of Training	Venue of programme	Participants (Male)						Participants (Female)							Remarks/ Observation/Feedback Recorded
			GEN	OBC	SC	ST	Others	Total	GEN	OBC	SC	ST	Others	Total	GT	
Training on Natural Farming	21.11.2023 to 22.11.2023	**KVK, Campus**	**12**	**15**	**05**	**0**	**0**	**32**	**-**	**-**	**-**	**-**	**-**	**-**	**32**	
	05.01.2024 to 06.01.2024		**06**	**12**	**01**	**0**	**0**	**19**	**06**	**-**	**-**	**-**	**-**	**06**	**25**	
	08.01.2024 to 09.01.2024		**07**	**15**	**05**	**0**	**0**	**27**	**-**	**06**	**03**	**0**	**0**	**09**	**36**	
	29.03.2024 to 30.03.2024		**12**	**18**	**08**	**0**	**0**	**38**	**04**	**07**	**-**	**0**	**0**	**11**	**49**	

Awareness programme information

Tittle of Natural Farming Awareness programme	**Date of Awareness programme**	**Venue of programme**	**Participants (Male)**						**Participants (Female)**							**Remarks/Observation/ Feedback Recorded**
			GEN	OBC	SC	ST	Others	Total	GEN	OBC	SC	ST	Others	Total	**GT**	
Awareness Prog. On Natural Farming	04.01.2024	Pansalwa	**-**	**185**	**-**	**-**	**-**	**185**	**-**	**117**	**-**	**0**	**0**	**117**	**302**	
	03.01.2024	Deotha	**-**	**98**	**-**	**-**		**98**	**-**	**172**	**-**			**172**	**278**	
	08.01.2024	Sansarpur	**-**	**91**	**8**			**99**	**-**	**10**	**77**			**87**	**186**	
	09.01.2024	Sitadatpur	**-**	**82**	**-**			**82**	**-**	**111**	**11**			**122**	**204**	
	06.01.2024	Rampur	**-**	**78**	**-**			**78**	**-**	**105**	**-**			**105**	**183**	
	11.01.2024	Alouli	**-**	**99**	**-**			**99**	**-**	**73**	**-**			**73**	**172**	
	12.01.2024	Baltara	**44**	**200**	**-**			**244**						**-**	**244**	
	13.01.2024	Parwatta	**-**	**150**	**5**			**155**	**-**	**130**	**7**			**137**	**292**	
	11.01.2024	Kulharia	**-**	**61**	**-**			**61**	**-**	**-**	**-**	**-**			**61**	
	12.01.2024	Khajraitha	**70**	**-**	**-**	**-**		**70**	**--**	**-**	**-**	**-**	**-**	**-**	**70**	
	25.01.2024	Kolwara	**-**	**49**	**-**		**-**	**49**	**-**					**-**	**49**	
	03.02.2024	Borna	**-**	**70**	**-**		**-**	**70**	**-**	**4**				**4**	**74**	

	06.02.2024	Imli	-	**31**	-	-	-	**31**	--	-	-			-	**31**	
	28.02.2024	Sonihar	-	**34**	-			**34**	-	**2**	-			**2**	**02**	
	22.03.2024	Fultora	**68**	**100**	-	-	-	**168**	-	**100**	**32**			**132**	**132**	

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/Practicing 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)
Khagaria	**07**	**12**	**285**	**85**	**20**	**08**	**-**

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		**KVK, Khagaria**	
Address of Farmer with contact detail		**Agro Climatic Zone IV**	
Agro Climatic Zone of KVK/Village of farmer			
Cropping patter of KVK plot/ Farmer plot		**Ragi-Potato-Green gram**	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**
		25.509834	**86.500444**

Name of Activity	**Crop**	**Variety**	**Season (Kharif /Rabi/ Summer)**	**Name of Natural Farming components/Technology demonstrated**	**Area (ha) in Natural farming practice**	**Detail of farmer practice**	**Observations Recorded**		
							Name of parameter	**Performance**	
								Without NF practice	**With NF practice**
Demo	Banana	G-9	Kharif	N. Compost, Jiwamrit, Nimastra	0.1	-	Plant height (cm)	7.8 fit	8.8 fit
							Other relevant parameter	Medium	Healthy & vigour
							Yield (q/ha)	490.75	501 q/ha
							Cost of	250000	126825

							cultivation (Rs/ha)		
							Gross Return (Rs/ha)	729000	900000
							Net Return (Rs/ha)	479000	773175
							B:C Ratio	2.9	7.0
							Soil PH	7.52	7.75
							Soil OC (%)	0.58	0.68
							Soil EC (dS/ m)	0.16	0.17
							Available N (Kg/ha)	150.53	188.16
							Available P (Kg/ha)	28.23	41.66
							Available K (Kg/ha)	189.67	220.86
							Soil Microbes (cfu)		
							Any other, specify	-	Zn, Ca, Fe, Mn, S, B
Feedback of farmer									

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		**Ram Prawesh Kumar**	
Address of Farmer with contact detail		**Amni, Mansi,** 9304897409	
Agro Climatic Zone of KVK/Village of farmer		**IV**	
Cropping patter of KVK plot/ Farmer plot		**Paddy-Wheat-Greengram**	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**
		255466	**86.528374**

Information of Farmer Already Practicing Natural Farming													
S. No	Name of District	Name of Farmer	Name of Village and	No. of Indigen	Land Holding (ha)	Normal Crops	No. of Years	Area (ha) Covered	Crop Grown unde	Natural Farming Technology	Observations Recorded		
											Name of parameter	Performance	
												With	With

.			address with contact No	ous (Desi Cows)		Grown	practicing in Natural Farming	under Natural Farming	r Natural Farming	practicing/ adopted		out NF practice	NF practice
01	Khagaria	Ram Prawesh Kumar	Amni, 9304897409	-	2 ha	2 ha	03	0.4 ha	Sabour Ardhajal	N.Compost, Green manure, Jiwamrit, Nimastra, Dahi	Plant height (cm)	-	
											Other relevant parameter	-	
											Yield (q/ha)	34.64	35.21
											Cost of cultivation (Rs/ha)	32930	21,500
											Gross Return (Rs/ha)	69280	70,420
											Net Return (Rs/ha)	36350	48,920
											B:C Ratio	1.10	2.2
											Soil PH	7.26	7.46
											Soil OC (%)	0.51	0.68
											Soil EC (dS/m)	0.15	0.18
											Available N (Kg/ha)	144.31	150.64
											Available P (Kg/ha)	27.0	29.53
											Available K (Kg/ha)	118.0	150.49
											Soil Microbes (cfu)	-	
											Any other, specify	-	
Feedback of farmer:													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Banana**	**7.52**	**0.16**	**0.58**	**150.53**	**28.23**	**189.67**	-	**7.25**	**0.16**	**0.68**	**188.16**	**41.66**	**220.86**	-

	G-9														

Soil Parameter for Non-Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)

Soil Parameter for Demo plot at Farmer's Field

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Paddy**	**7.42**	**0.17**	**0.54**	**155.41**	**29.21**	**160.3**	**-**	**7.50**	**0.18**	**0.66**	**166.34**	**37.40**	**168.50**	**-**

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

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Paddy**	**6.8**	**0.18**	**0.50**	**144.31**	**27.21**	**158.41**	**-**	**6.9**	**0.18**	**0.54**	**149.40**	**28.00**	**168.0**	**-**

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		Sanjeev Kr.	
Address of Farmer with contact detail		Chandranagar, 9470650266	
Agro Climatic Zone of KVK/Village of farmer		**IV**	
Cropping patter of KVK plot/ Farmer plot		Paddy/Brinjal- Wheat, Greengram	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**
		25.517196	**86.500444**

Information of Farmer Already Practicing Natural Farming

S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
02	Khagaria	Sanjeev Kr.	Chandranagar, 9470650266	08	02	Paddy/Brinjal-Wheat, Greengram	03	04	Brinjal	N.Compost, Green manure, Jiwamrit, Nimastra, Dahi	Plant height (cm)	-	
											Other relevant parameter	-	
											Yield (q/ha)		325
											Cost of cultivation (Rs/ha)		50,000
											Gross Return (Rs/ha)		3,25,000
											Net Return (Rs/ha)		2,75,000
											B:C Ratio		5.5
											Soil PH		6.9
											Soil OC (%)		0.76
											Soil EC (dS/m)		0.17
											Available N (Kg/ha)		165.25
											Available P (Kg/ha)		28.43
											Available K (Kg/ha)		165.45
											Soil Microbes (cfu)		-
											Any other, specify		-
Feedback of farmer:													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Brinjal**	**6.9**	**0.17**	**0.76**	**165.25**	**28.41**	**165.45**	**-**	**7.1**	**0.18**	**0.82**	**167.25**	**29.14**	**170.13**	**-**

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		Smt. Nutan Kri	
Address of Farmer with contact detail		Chandranagar,	
Agro Climatic Zone of KVK/Village of farmer		**IV**	
Cropping patter of KVK plot/ Farmer plot		**Ragi-Potato-Green gram**	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**
		25.51688	**86.493849**

Information of Farmer Already Practicing Natural Farming

S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
03	Khagaria	Smt. Nutan Kri	Chandranagar	-	2	Maize-Wheat	0.3	0.4	Kharif Maize	N.Compost, Green manure, Jiwamrit, Nimastra, Dahi	Plant height (cm)	-	
											Other relevant parameter	-	
											Yield (q/ha)	33.00	34.41
											Cost of cultivation (Rs/ha)	31.725	26840
											Gross Return (Rs/ha)	59.400	61938
											Net Return	2767	3509

											(Rs/ha)	5	8
											B:C Ratio	0.8	1.30
											Soil PH	6.86	6.92
											Soil OC (%)	0.51	0.75
											Soil EC (dS/m)	0.13	0.16
											Available N (Kg/ha)	150.43	174.26
											Available P (Kg/ha)	28.43	34.53
											Available K (Kg/ha)	189.54	195.25
											Soil Microbes (cfu)		
											Any other, specify		
Feedback of farmer:													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Maize**	**6.53**	**0.13**	**0.49**	**148.22**	**26.46**	**174.63**	**-**	**6.86**	**0.13**	**0.51**	**150.43**	**28.43**	**189.54**	**-**

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		Arjun Verma	
Address of Farmer with contact detail		Chandranagar, 8002551415	
Agro Climatic Zone of KVK/Village of farmer		**IV**	
Cropping patter of KVK plot/ Farmer plot		Paddy-Wheat-Greengram	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**
		25.520416	**86.496312**

Information of Farmer Already Practicing Natural Farming													
S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Nat	Area (ha) Covered under Natural Farm	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice

							ural Farming	ing					
04	Khagaria	Arjun Verma	Chandranagar, 8002551415	2	2	Paddy-Wheat-Greengram	03	0.4	Paddy	N.Compost, Green manure, Jiwamrit, Nimastra, Dahi	Plant height (cm)	-	
											Other relevant parameter	-	
											Yield (q/ha)	37.95	38.23
											Cost of cultivation (Rs/ha)	32940	21,500
											Gross Return (Rs/ha)	75900	76,460
											Net Return (Rs/ha)	42960	54,960
											B:C Ratio	1.3	2.5
											Soil PH	7.43	7.44
											Soil OC (%)	0.69	0.75
											Soil EC (dS/m)	0.16	0.17
											Available N (Kg/ha)	155.43	165.44
											Available P (Kg/ha)	28.21	29.24
											Available K (Kg/ha)	125.32	136.33
											Soil Microbes (cfu)	-	-
											Any other, specify	-	-
Feedback of farmer:													

Soil Data information

<u>Soil Parameter for Demo plot at KVK Farm</u>

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Maize**	**7.43**	**0.15**	**0.58**	**146.34**	**24.21**	**124.60**	**-**	**7.43**	**0.16**	**0.69**	**155.21**	**28.21**	**125.32**	**-**

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		Rajkumar Gupta	
Address of Farmer with contact detail		Bhadas, 9334389466	
Agro Climatic Zone of KVK/Village of farmer		**IV**	
Cropping patter of KVK plot/ Farmer plot		Paddy-Wheat-Green gram	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**
		25.52014	**86.443244**

Information of Farmer Already Practicing Natural Farming

S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
05	Kharif	Rajkumar Gupta	Bhadas, 9334389466	-	6	Paddy-Wheat-Green gram	03	0.4	Paddy	N.Compost, Green manure, Jiwamrit, Nimastra, Dahi	Plant height (cm)	-	
											Other relevant parameter	-	
											Yield (q/ha)	32.85	32.45
											Cost of cultivation (Rs/ha)	32,940	21,500
											Gross Return (Rs/ha)	65,700	64,900
											Net Return (Rs/ha)	32,760	43,400
											B:C Ratio	0.9	2.0
											Soil PH	7.25	7.39
											Soil OC (%)	0.74	0.85
											Soil EC (dS/m)	0.18	0.14
											Available N (Kg/ha)	158.14	169.39
											Available P (Kg/ha)	62.24	28.92
											Available K (Kg/ha)	135.69	139.80
											Soil Microbes	-	-

											(cfu)		
											Any other, specify	-	-
Feedback of farmer:													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Paddy**	**7.25**	**0.18**	**0.74**	**158.14**	**26.24**	**135.69**	**-**	**7.39**	**0.14**	**0.85**	**169.39**	**28.42**	**135.69**	**-**

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		Bablu Paswan	
Address of Farmer with contact detail		Bhadas, 9122703184	
Agro Climatic Zone of KVK/Village of farmer		**IV**	
Cropping patter of KVK plot/ Farmer plot		Paddy-Wheat-Green gram	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**
		25.52013	**86.443243**

Information of Farmer Already Practicing Natural Farming													
S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
06	Kharif	Bablu Paswan	Bhadas, 9122703184	1	0.4	Paddy-Wheat-Green gram	0.3	0.4	Paddy	N.Compost, Green manure, Jiwamrit, Nimastra, Dahi	Plant height (cm)	-	
											Other relevant parameter	-	
											Yield (q/ha)	35.50	36.23
											Cost of cultivation (Rs/ha)	32940	21,500

											Gross Return (Rs/ha)	71000	72,460
											Net Return (Rs/ha)	38.60	50,960
											B:C Ratio	1.15	2.37
											Soil PH	6.84	6.95
											Soil OC (%)	0.60	0.69
											Soil EC (dS/m)	0.17	0.18
											Available N (Kg/ha)	162.30	168.40
											Available P (Kg/ha)	29.25	29.44
											Available K (Kg/ha)	144.31	151.0
											Soil Microbes (cfu)	-	-
											Any other, specify	-	-
Feedback of farmer:													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Paddy**	**6.84**	**0.17**	**0.60**	**162.30**	**29.25**	**144.31**	-	**6.95**	**0.18**	**0.69**	**168.40**	**29.44**	**151.00**	-

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		Girish Yadav	
Address of Farmer with contact detail		Meghouna, 9534909242, Alouli	
Agro Climatic Zone of KVK/Village of farmer		**IV**	
Cropping patter of KVK plot/ Farmer plot		Paddy-Wheat-Green gram	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**
		25.3926	**86.2126**

Information of Farmer Already Practicing Natural Farming

S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
07	Kharif	Girish Yadav	Meghouna, 9534909242, Aloul i	02	01	Paddy-Wheat-Green gram	3	0.4	Paddy	N.Compost, Green manure, Jiwamrit, Nimastra, Dahi	Plant height (cm)	-	
											Other relevant parameter	-	
											Yield (q/ha)	37.54	38.25
											Cost of cultivation (Rs/ha)	32940	21500
											Gross Return (Rs/ha)	75080	76500
											Net Return (Rs/ha)	42140	55000
											B:C Ratio	1.27	2.5
											Soil PH	7.45	7.66
											Soil OC (%)	0.75	0.78
											Soil EC (dS/m)	0.16	0.17
											Available N (Kg/ha)	154.44	162.33
											Available P (Kg/ha)	26.31	27.34
											Available K (Kg/ha)	148.46	153.45
											Soil Microbes (cfu)	-	-
											Any other, specify	-	-
Feedback of farmer:													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Paddy**	**7.45**	**0.16**	**0.75**	**144.44**	**27.31**	**168.46**	**-**	**7.66**	**0.17**	**0.76**	**152.33**	**27.34**	**170.35**	**-**

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		Md. Raji Ahmad	
Address of Farmer with contact detail		Sonihar, 9973268661, Alouli	
Agro Climatic Zone of KVK/Village of farmer		**IV**	
Cropping patter of KVK plot/ Farmer plot		Paddy-Wheat-Green gram	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**
		25.592522	**86.293744**

Information of Farmer Already Practicing Natural Farming													
S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
08	Kharif	Md. Raji Ahmad	Sonihar, 9973268661, Alouli	2.5	2	Paddy-Wheat-Green gram	2	0.4	Paddy	N.Compost, Green manure, Jiwamrit, Nimastra, Dahi	Plant height (cm)	-	
											Other relevant parameter	-	
											Yield (q/ha)	35.52	36.24
											Cost of cultivation (Rs/ha)	32.940	21500
											Gross Return (Rs/ha)	71040	72480
											Net Return (Rs/ha)	38100	50980

											B:C Ratio	1.15	2.37
											Soil PH	7.45	7.86
											Soil OC (%)	0.50	0.68
											Soil EC (dS/m)	0.15	0.17
											Available N (Kg/ha)	158.25	164.33
											Available P (Kg/ha)	27.25	28.11
											Available K (Kg/ha)	145.44	153.25
											Soil Microbes (cfu)	-	-
											Any other, specify	-	-
Feedback of farmer:													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Paddy**	**7.44**	**0.16**	**0.59**	**154.11**	**26.25**	**149.54**	**-**	**7.86**	**0.17**	**0.68**	**164.33**	**28.11**	**156.25**	**-**

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		Raj Kishore Yadav	
Address of Farmer with contact detail		Sonihar, 7094152535, Alouli	
Agro Climatic Zone of KVK/Village of farmer		**IV**	
Cropping patter of KVK plot/ Farmer plot		Paddy-Wheat-Green gram	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**

Information of Farmer Already Practicing Natural Farming													
S. No.	Name of District	Name of Farmer	Name of Village and addre	No. of Indigenous	Land Holding (ha)	Normal Crops Gro	No. of Years pra	Area (ha) Covered unde	Crop Grown under	Natural Farming Technology practicin	Observations Recorded		
											Name of parameter	Performance	
												Without	With NF

			ss with contact No	(Desi Cows)		wn	cticing in Natural Farming	r Natural Farming	Natural Farming	g/ adopted		NF practice	practice
09	Kharif	Raj Kishore Yadav	Sonihar, 7094152535, Aloul i	02	2.5	Paddy-Wheat-Green gram	0.2	0.4	Paddy	N.Compost, Green manure, Jiwamrit, Nimastra, Dahi	Plant height (cm)	-	
											Other relevant parameter	-	
											Yield (q/ha)	33.85	36.25
											Cost of cultivation (Rs/ha)	32940	21500
											Gross Return (Rs/ha)	67700	72500
											Net Return (Rs/ha)	34760	51000
											B:C Ratio	1.05	2.37
											Soil PH	7.85	7.76
											Soil OC (%)	0.53	0.61
											Soil EC (dS/m)	0.14	0.14
											Available N (Kg/ha)	154.33	163.21
											Available P (Kg/ha)	26.10	27.85
											Available K (Kg/ha)	155.24	159.33
											Soil Microbes (cfu)	-	-
											Any other, specify	-	-
Feedback of farmer:													

Soil Data information

<u>Soil Parameter for Demo plot at KVK Farm</u>

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Paddy**	**7.54**	**0.15**	**0.56**	**154.11**	**25.34**	**145.95**	-	**7.76**	**0.14**	**0.61**	**163.21**	**27.85**	**159.33**	-

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		Sarita Devi	
Address of Farmer with contact detail		Amni, 7631720862, Mansi	
Agro Climatic Zone of KVK/Village of farmer		**IV**	
Cropping patter of KVK plot/ Farmer plot		Paddy-Wheat-Green gram	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**

Information of Farmer Already Practicing Natural Farming

S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
10	Kharif	Sarita Devi	Amni, 7631720862, Mansi	04	04	Paddy-Wheat-Green gram	02	0.4	Paddy	N.Compost, Green manure, Jiwamrit, Nimastra, Dahi	Plant height (cm)	-	
											Other relevant parameter	-	
											Yield (q/ha)	38.00	38.20
											Cost of cultivation (Rs/ha)	32,940	21,500
											Gross Return (Rs/ha)	76,000	76,400
											Net Return (Rs/ha)	43060	54,900
											B:C Ratio	1.30	2.55
											Soil PH	6.82	6.75
											Soil OC (%)	0.58	0.69
											Soil EC (dS/m)	0.18	0.16
											Available N (Kg/ha)	156.22	164.16
											Available P (Kg/ha)	28.10	29.85

											Available K (Kg/ha)	154.14	159.25
											Soil Microbes (cfu)	-	-
											Any other, specify	-	-
Feedback of farmer:													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Paddy**	**6.75**	**0.16**	**0.66**	**162.11**	**28.65**	**156.35**	**-**	**6.75**	**0.16**	**0.69**	**164.16**	**29.85**	**159.25**	**-**

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		Jai Jai Ram Yadav	
Address of Farmer with contact detail		Imli, Alouli,	
Agro Climatic Zone of KVK/Village of farmer		**IV**	
Cropping patter of KVK plot/ Farmer plot		Paddy-Wheat-Green gram	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**
		25.590925	**86.303463**

Information of Farmer Already Practicing Natural Farming													
S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
11	Kharif	Jai Jai Ram Yadav	Imli, Alouli,	03	04	Paddy-Whe	02	0.4	Paddy	N.Compost, Green	Plant height (cm)	-	
											Other	-	

						at-Green gram				manure, Jiwamrit, Nimastra, Dahi	relevant parameter		
											Yield (q/ha)	32.40	32.45
											Cost of cultivation (Rs/ha)	32,940	21,500
											Gross Return (Rs/ha)	64,800	64,900
											Net Return (Rs/ha)	31860	43,400
											B:C Ratio	0.96	2.0
											Soil PH	7.42	7.42
											Soil OC (%)	0.54	0.65
											Soil EC (dS/m)	0.13	0.15
											Available N (Kg/ha)	150.53	160.44
											Available P (Kg/ha)	26.22	27.44
											Available K (Kg/ha)	159.25	166.33
											Soil Microbes (cfu)	-	-
											Any other, specify	-	-
Feedback of farmer:													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Paddy**	**7.22**	**0.16**	**0.56**	**158.11**	**26.34**	**159.44**	**-**	**7.44**	**0.15**	**0.65**	**160.44**	**27.44**	**166.33**	**-**

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		Dipak Kr.	
Address of Farmer with contact detail		Mehsouri, 8210876796	
Agro Climatic Zone of KVK/Village of farmer		**IV**	
Cropping patter of KVK plot/ Farmer plot		Paddy-Wheat-Green gram	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**
		25.523875	**86.515353**

Information of Farmer Already Practicing Natural Farming

S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
12	Kharif	Dipak Kr.	Mehsouri, 8210876796	02	03	Paddy-Wheat-Green gram	02	0.4	Paddy	N.Compost, Green manure, Jiwamrit, Nimastra, Dahi	Plant height (cm)	-	
											Other relevant parameter	-	
											Yield (q/ha)	34.10	34.16
											Cost of cultivation (Rs/ha)	32,940	21,500
											Gross Return (Rs/ha)	68,200	68320
											Net Return (Rs/ha)	35,260	46820
											B:C Ratio	1.07	2.17
											Soil PH	6.89	6.86
											Soil OC (%)	0.54	0.59
											Soil EC (dS/m)	0.14	0.16
											Available N (Kg/ha)	158.66	162.34
											Available P (Kg/ha)	27.16	28.24
											Available K (Kg/ha)	154.69	160.24
											Soil Microbes (cfu)	-	-
											Any other, specify	-	-
Feedback of farmer:													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Paddy**	**6.46**	**0.15**	**0.57**	**160.59**	**27.33**	**158.33**	**-**	**6.86**	**0.15**	**0.59**	**162.34**	**28.24**	**160.24**	**-**

KVK/ Farmer wise information of demonstration conducted till date			
Name of State		**BIHAR**	
Name of KVK/Farmer where demonstration conducted		Satish Kr.	
Address of Farmer with contact detail		Imli, 8434947008	
Agro Climatic Zone of KVK/Village of farmer		**IV**	
Cropping patter of KVK plot/ Farmer plot		Paddy-Wheat-Green gram	
Farming Situation of the Selected KVK/Farmer	**Sandy Loam to Clay Loam**	**Latitude (N)**	**Longitude (E)**
		25.61137	**86.296038**

Information of Farmer Already Practicing Natural Farming

S. No.	Name of District	Name of Farmer	Name of Village and address with contact No	No. of Indigenous (Desi Cows)	Land Holding (ha)	Normal Crops Grown	No. of Years practicing in Natural Farming	Area (ha) Covered under Natural Farming	Crop Grown under Natural Farming	Natural Farming Technology practicing/ adopted	Observations Recorded		
											Name of parameter	Performance	
												Without NF practice	With NF practice
13	Kharif	Satish Kr.	Imli, 8434947008	02	02	Paddy-Wheat-Green gram	02	0.4	Paddy	N.Compost, Green manure, Jiwamrit, Nimastra, Dahi	Plant height (cm)	-	
											Other relevant parameter	-	
											Yield (q/ha)	34.00	34.10
											Cost of cultivation (Rs/ha)	32940	21500
											Gross Return (Rs/ha)	68000	68200
											Net Return	3506	8670

											(Rs/ha)	0	0
											B:C Ratio	1.06	2.17
											Soil PH	7.31	7.34
											Soil OC (%)	0.56	0.63
											Soil EC (dS/m)	0.14	0.17
											Available N (Kg/ha)	155.12	162.66
											Available P (Kg/ha)	27.43	28.33
											Available K (Kg/ha)	155.15	165.34
											Soil Microbes (cfu)	-	-
											Any other, specify	-	-
Feedback of farmer:													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	**Paddy**	**7.22**	**0.16**	**0.53**	**156.11**	**27.31**	**155.20**	**-**	**7.33**	**0.17**	**0.63**	**162.66**	**28.33**	**165.34**	**-**

Financial information

Budget Expenditure (Rs. in Rs)				
Name of activity	Number of activities organized	Budget sanction (Rs)	Budget expenditure (Rs)	Total Budget Expenditure (Rs)
Training				
Awareness Programme				
Demonstration				
Miscellaneous				
Total				

Glimpses of various Activities (Good Quality Action Photographs)				
Name of activity	1	2	2	4
Training programmes	**01**	**05**	**09**	
Awareness programmes	**06**	**06**	**21**	
Demonstrations (KVK/Farmer filed)	**08**	**20**	**20**	**12**
Any other activities	**-**	**-**	**-**	**-**

Natural Farming Demo at KVK Farm

11.7 CRA (Climate Resilient Agriculture)

Technology demonstrated/ interventions	Cropping system	Farming System crop under demonstration			Area under Demonstration (in acre)			No. of farmers under demonstration			Category				Crop Yield (q/ha)			System productivity (q/ha)	Total return (Rs./ ha)	Yield obtained under Farmer Practices (q/ha)	Exposure visit (no.)	Number of farmers under exposure
		Kharif	Rabi	Summer	Kharif	Rabi	Summer	Male	Female	Total	SC	ST	OBC	Gen	Kharif	Rabi	Summer					

11.8 District Agro Meteorological Unit (DAMU)

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

11.9 KSHAMTA

Number of Adopted Villages	**No. of Activities**		**No. of farmers benefited**	
	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 district	Date of demonstration	Place of demonstration	Crop Name	No. of demos	Area covered under demos (area in ha)	No of 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/ha)		YIOFP (%)	COC (Rs./ha)		GMR (Rs./ha)		ANMR (Rs./ha)	B:C ratio GMR/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)

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
01	**Poultry**	**300 sq.ft.**	**Functional**				
02	**Ponds**	**0.50**	**1000 Fingers**	**250**	**15000**	**12**	**10**
03	**Crop Production**	**0.25**	**423kg**	**3000**	**8752**	**25**	**5**

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

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

12.3. PPV & FRA Programme

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

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 of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
16.09.2024	**01**	**09**	**12**	**0**	**21**
18.09.2024	**01**	**09**	**16**	**0**	**25**
23.09.2024	**01**	**09**	**22**	**0**	**32**

24.09.2024	**01**	**09**	**19**	**0**	**28**
27.09.2024	**01**	**09**	**26**	**0**	**35**

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

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
02.10.2024	**01**	**09**	**18**	**0**	**27**
05.10.2024	**01**	**09**	**21**	**0**	**30**
09.10.2024	**01**	**09**	**09**	**0**	**18**
22.10.2024	**01**	**09**	**13**	**0**	**22**
25.10.2024	**01**	**09**	**17**	**0**	**26**

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	**10**	**00.00**

12.5 Good quality action photographs with captio

12.6

12.7 n in JPEG FORMAT SEPARATELY of overall achievements of KVK during the year


कृषि विज्ञान केन्द्र समस्तीपुर
अग्रिम पंक्ति प्रत्यक्षण
फॉल आर्मी वर्म प्रबंधन


कृषि विज्ञान केन्द्र, खगड़िया
GPS Map Camera
Khagaria, Bihar, India
Ffph+r65, Khagaria, Bihar 851204, India
Lat 25.486558° Long 86.480577°
06/02/25 02:04 PM GMT +05:30
Google


कृषि विज्ञान केन्द्र, खगड़िया


कृषि विज्ञान केन्द्र, खगड़िया


स्वच्छता ही सेवा 2024


कृषि विज्ञान केन्द्र, खगड़िया
प्रशासनिक भवन
कृषि विज्ञान केन्द्र, खगड़िया


केले के उत्पादन एवं लगने वाले रोग एवं
कीट की रोकथाम पर एक दिवसीय प्रशिक्षण
दिनांक : 16 जनवरी 2024


कृषि विज्ञान केन्द्र, खगड़िया
प्रशासनिक भवन
कृषि विज्ञान केन्द्र, खगड़िया


कृषि विज्ञान केन्द्र, खगड़िया
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कृषि विज्ञान केन्द्र, खगड़िया


कृषि विज्ञान केन्द्र, खगड़िया

जलवायु-स्मार्ट कृषि करने को दिया प्रशिक्षण

ड्रोन प्रौधोगिकी के प्रयोग नवीन कृषि मशीनरी व सेंसर-आधारित सिंचाई का प्रयोग

जागरण संवाददाता, खगड़िया: संसारपुर स्थित कृषि विज्ञान केंद्र में जलवायु-स्मार्ट कृषि को लेकर आयोजित तीन दिवसीय कृषि अभियंत्रण प्रशिक्षण संपन्न हुआ। जिसमें ग्रामीण क्षेत्र के युवक-युवतियों को कृषि प्रौद्योगिकियों को लेकर प्रशिक्षण दिया गया। उन्हें जलवायु स्मार्ट कृषि को लेकर तकनीक के बारे में जानकारी दी गई। प्रशिक्षण में जिले के विभिन्न प्रखंडों के 25 युवक व युवती शामिल हुए। प्रशिक्षण कार्यक्रम विज्ञानी व केविके प्रधान डा. विपुल कुमार मंडल की उपस्थिति में आयोजित किया गया। इस मौके पर कृषि अभियंत्रण के वैज्ञानिक धनंजय पासवान के नेतृत्व में, प्रशिक्षण सत्रों का आयोजन किया

कृविकें में प्रशिक्षण समाप्ति के बाद प्रशिक्षु किसानों के साथ प्रधान व प्रशिक्षक ● जागरण

गया। उन्होंने बताया कि प्रशिक्षण का उद्देश्य किसानों को जलवायु-स्मार्ट कृषि अभ्यासों के लिए उत्कृष्ट इंजीनियरिंग प्रौद्योगिकियों के बारे में शिक्षित करना था। केविके प्रधान ने आधुनिक कृषि में जीरो टिलेज, सीड ड्रिल, प्रौद्योगिकी के महत्व से संबंधित जानकारी विस्तार से दी। प्रशिक्षण के दौरान प्रायोगिक विज्ञानी आलोचना, ह्यथों का प्रदर्शन और व्यावहारिक अभ्यासों की जानकारी दी गई। ड्रोन प्रौद्योगिकी के अनुप्रयोग, नवीनतम कृषि मशीनरी और सेंसर-आधारित सिंचाई प्रणालियों का उपयोग, संसाधन प्रबंधन को अनुकूल बनाने व जलवायु संबंधी जोखिमों को कम करने को लेकर जानकारी दी गई। केविके प्रधान ने प्रशिक्षण के दौरान प्राप्त ज्ञान के आधार पर जलवायु-स्मार्ट कृषि अभ्यासों को अपनाने तथा इसके महत्व को स्वीकार करने की बात कही। उपस्थित प्रशिक्षु युवक- युवतियों ने खेतों पर नई प्राप्त तकनीकों को लागू करने के लिए अपनी प्रतिबद्धता जताई। केविके प्रधान ने प्रशिक्षु युवा किसानों से कहा कि प्रशिक्षण के अलावा किसी प्रकार की सहायता व जानकारी के लिए केविके अधिकारी से संपर्क कर समस्या का समाधान व निराकरण पा सकते हैं। केंद्र आगामी क्षमता निर्माण पहल के लिए समर्पित रहेगा।

दैनिक भास्कर
खगड़िया 16-06-2024

कृषि विज्ञान केंद्र में तीन दिवसीय प्रशिक्षण का हुआ समापन

जलवायु-स्मार्ट कृषि के लिए किसानों को किया जागरूक

भास्कर न्यूज | खगड़िया

कृषि विज्ञान केंद्र की तरफ से जलवायु-स्मार्ट कृषि को बढ़ावा देने के लिए उत्थान इंजीनियरिंग प्रौद्योगिकी पर तीन दिवसीय प्रशिक्षण आयोजित किया गया, जिसका समापन शनिवार को हो गया। प्रशिक्षण कार्यक्रम 13 से 15 जून तक खगड़िया के कृषि विज्ञान केंद्र में आयोजित की गई। इसमें जिले के 25 किसानों ने भाग लिया। कृषि अभियंत्रण के वैज्ञानिक धनंजय पासवान के नेतृत्व में प्रशिक्षण सत्र का आयोजन किया गया, जिसका उद्देश्य किसानों को जलवायु स्मार्ट कृषि अभ्यासों के लिए उत्कृष्ट इंजीनियरिंग प्रौद्योगिकियों के बारे में शिक्षित करना था।
वैज्ञानिक धनंजय पासवान ने


कृषि विज्ञान केन्द्र के सभागार में प्रशिक्षण में शामिल प्रतिभागी।

प्रशिक्षण सत्र में अद्भुत अवलोकन प्रदान किया।
प्रशिक्षण को वरिष्ठ वैज्ञानिक सह प्रधान डॉ बिपुल कुमार मंडल की उपस्थिति में आयोजित किया गया। डॉ. बिपुल मंडल ने आधुनिक कृषि में जीरो टिलेज सीड ड्रिल प्रौद्योगिकी के महत्व को सामने रखा और इसके प्रमुखता को बताया।
किसानों ने प्रशिक्षण कार्यक्रम के दौरान प्राप्त ज्ञान के लिए आभार व्यक्त किया। उन्होंने जलवायु-स्मार्ट कृषि अभ्यासों को अपनाने के महत्व को स्वीकार किया और अपने खेतों पर नई प्राप्त तकनीकों को लागू करने के लिए अपनी प्रतिबद्धता जताई। वरीय वैज्ञानिक ने बताया कि केंद्र आगामी क्षमता निर्माण पर प्रशिक्षण का आयोजन करने के लिए समर्पित रहेगा, जो किसानों को शक्तिशाली बनाने और क्षेत्र में पर्यावरणीय कृषि को बढ़ावा देने के लिए काम करेगा।

दैनिक भास्कर
खगड़िया 23-02-2024

कम लागत में फसल बुआई से कटाई तक की दी जानकारी

कृषि विज्ञान केन्द्र में कृषि यांत्रिकीकरण विषय पर तीन दिवसीय प्रशिक्षण का किया गया आयोजन

भास्कर न्यूज | खगड़िया

कम लागत और कम मजदूरी में ज्यादा से ज्यादा फसल का उत्पादन कर आय बढ़ाने को लेकर जिले के विभिन्न प्रखंडों से 36 किसानों को खेती-बाड़ी में उपयोग होने वाले मशीनों के बारे में जानकारी देने के लिए तीन दिवसीय कृषि यांत्रिकीकरण प्रशिक्षण दिया गया। यह प्रशिक्षण कृषि अभियंत्रण के सौजन्य से दिया गया है। 21 फरवरी से 23 फरवरी तक दिए जाने वाले प्रशिक्षण में भाग लेने वाले में युवा युवतियां शामिल हैं। जिन्हें कृषि यंत्रों के खूबियों के बारे में

खेती-बाड़ी में उपयोग होने वाली मशीन की जानकारी लेते किसान।

विस्तार से जानकारी देकर प्रशिक्षित किया गया। कृषि विज्ञान केंद्र के वरीय वैज्ञानिक सह प्रधान डॉ विपुल कुमार मंडल ने बताया कि कृषि यांत्रिकीकरण प्रशिक्षण का उद्देश्य कम लागत और कम मजदूरी में अधिक फसल का उत्पादन कर किसानों का आय दोगुना करना है। साथ ही समय से फसलों की बुआई और कटाई को सुनिश्चित करना है। उन्होंने कहा कि इस प्रशिक्षण में कृषि अभियंत्रण के वैज्ञानिक धनंजय पासवान एवं अनमोल कुमार के द्वारा प्रशिक्षु युवा युवतियों को खेती-बाड़ी में कृषि यंत्रों का प्रयोग के बारे में विस्तार से जानकारी दिया जा रहा है। किसानों को विभिन्न कृषि यंत्रों को दिखाकर उसका उपयोग के बारे में बताया गया है। वरीय वैज्ञानिक ने बताया कि कृषि विज्ञान केंद्र के द्वारा भविष्य में इस प्रशिक्षण को कराने की व्यवस्था की जा रही है। ताकि अधिक से अधिक किसानों और युवा युवतियों को कृषि यंत्रों की जानकारी दे खेती-बाड़ी को बढ़ावा मिल सके।

हिन्दुस्तान

शनिवार को केवीके में आयोजित प्रशिक्षण के दौरान उपस्थित किसान। • हिन्दुस्तान

सिंचाई प्रणाली को लेकर दिया प्रशिक्षण

खगड़िया। कृषि विज्ञान केंद्र में सोलर पावर इरिगेशन सिस्टम को लेकर एक दिवसीय प्रशिक्षण का आयोजन किया गया। केवीके प्रमुख विपुल मंडल ने बताया कि प्रशिक्षण का मुख्य उद्देश्य किसानों को सौर ऊर्जा संचालित सिंचाई प्रणालियों के लाभ, स्थापना और संचालन के बारे में जानकारी देना था। कहा कि पारंपरिक डीजल और बिजली संचालित प्रणालियों के लिए एक स्थायी विकल्प के रूप में कार्य करता है। प्रशिक्षण में 22 किसानों ने भाग लिया। इस दौरान कृषि में अक्षय ऊर्जा अपनाने के महत्व को रेखांकित किया गया।

दैनिक भास्कर
खगड़िया 24-08-2024

पहल • प्रशिक्षण में जिले के 22 किसान हुए शामिल, कृषि में अक्षय उर्जा अपनाने पर जोर

कृषि विज्ञान केंद्र में किसानों को सोलर पावर संचालित सिंचाई प्रणाली की दी गई जानकारी

भास्कर न्यूज | खगड़िया

कृषि विज्ञान केंद्र द्वारा शुक्रवार को सोलर पावर इरिगेशन सिस्टम को लेकर प्रशिक्षण दिया गया। इस प्रशिक्षण का उद्देश्य जिले के किसानों को सौर ऊर्जा संचालित सिंचाई प्रणालियों के लाभ, स्थापना और संचालन के बारे में शिक्षित करना था। जो पारंपरिक डीजल और बिजली चालित प्रणालियों के लिए एक स्थायी विकल्प के रूप में कार्य करता है। प्रशिक्षण सत्र में जिले के 22 किसानों ने सक्रिय रूप से भाग लिया। कार्यक्रम का उद्घाटन वरीय वैज्ञानिक सह कृषि विज्ञान केंद्र के प्रधान डॉ. विपुल कुमार मंडल द्वारा किया गया। जिन्होंने कृषि में अक्षय ऊर्जा अपनाने के महत्व को विस्तार से रेखांकित किया, ताकि उत्पादकता बढ़ाने और पारंपरिक ऊर्जा स्रोतों पर निर्भरता को कम करने में मदद मिलेगी। प्रशिक्षण के दौरान कृषि अभियंत्रण के विषय वस्तु विशेषज्ञ, इंजीनियर धनंजय पासवान ने सौर ऊर्जा संचालित सिंचाई प्रणालियों के कार्यप्रणाली पर व्यापक जानकारी दी। किसानों को सौर पैनलों की स्थापना और रखरखाव, उन्हें सिंचाई पंपों से जोड़ने और प्रणाली की दक्षता को अधिकतम करने के लिए व्यावहारिक प्रदर्शन के माध्यम से मार्गदर्शन दिया गया। वित्तीय लाभ, पीएम-कुसुम योजना के तहत उपलब्ध सरकारी सब्सिडी और सिंचाई के लिए सौर ऊर्जा के उपयोग की दीर्घकालिक स्थिरता पर विस्तृत चर्चा की गई। किसानों ने इस पर्यावरण-हितैषी तकनीक को अपनाने के लिए बड़ी उत्सुकता दिखाई। उनमें से कई ने स्थापना प्रक्रिया, रखरखाव और लागत, प्रभावशीलता के बारे में प्रश्न उठाया। जिनका विशेषज्ञों द्वारा समाधान किया गया।

प्रशिक्षण में शामिल जिले के किसान।

दैनिक भास्कर
खगड़िया 07-09-2024

दैनिक भास्कर
मानसी • महेशखूंट • पसराहा • बेल

ग्रामीण युवाओं, युवतियों व किसानों को आवश्यक कौशल व ज्ञान प्रदान करने के उद्देश्य से कार्यक्रम आयोजित

कस्टम हायरिंग सेंटर के माध्यम से ग्रामीण सशक्तीकरण पर दिया 5 दिवसीय प्रशिक्षण

भास्कर न्यूज | खगड़िया

कृषि विज्ञान केंद्र द्वारा 2 से 6 सितंबर तक कस्टम हायरिंग सेंटर के माध्यम से ग्रामीण सशक्तिकरण पर पांच दिवसीय प्रशिक्षण कार्यक्रम सफलतापूर्वक आयोजित किया गया। जिसका समापन शुक्रवार को हो गया। कार्यक्रम जिले के ग्रामीण युवाओं, युवतियों एवं किसानों को कस्टम हायरिंग सेंटर स्थापित करने और प्रबंधित करने के लिए आवश्यक कौशल व ज्ञान प्रदान करने के उद्देश्य से आयोजित किया गया। ताकि ग्रामीण उद्यमिता और कृषि के यंत्रीकरण को बढ़ावा दिया जा सके। प्रशिक्षण में 54 युवा, युवती एवं किसानों ने उत्साहपूर्वक भाग लिया, जिन्हें कृषि उपकरणों के संचालन के साथ-साथ उनके रख-रखाव और प्रबंधन के बारे में सैद्धांतिक और व्यावहारिक ज्ञान प्रदान किया गया। इस पहल का उद्देश्य छोटे और सीमांत किसानों को कृषि तकनीकों तक बेहतर पहुंच प्रदान करना, उनकी उत्पादकता बढ़ाना और ग्रामीण क्षेत्र में रोजगार के अवसरों का सृजन करना था। कार्यक्रम का उद्घाटन कृषि विज्ञान केंद्र के वरिष्ठ वैज्ञानिक सह प्रधान डॉ. विपुल कुमार मंडल ने किया। उन्होंने ग्रामीण कृषि की चुनौतियों का समाधान करने में कस्टम हायरिंग सेंटर की महत्वपूर्ण भूमिका पर जोर दिया। उन्होंने बताया कि सीएचसी किसानों को उन्नत मशीनरी तक पहुंच प्रदान करता है। जिससे उनकी उत्पादकता और मुनाफा बढ़ता है। विशेष रूप से उन किसानों के लिए जो महंगे उपकरण खरीदने में सक्षम नहीं हैं।

शुक्रवार को प्रशिक्षण समापन के बाद ग्रुप फोटोग्राफी कराते वैज्ञानिक व प्रतिभागी।

विभिन्न सरकारी योजनाओं के बारे में किसानों को दी गई जानकारी

इंजीनियर धनंजय पासवान ने बताया कि कस्टम हायरिंग सेंटर किसानों के लिए उत्पादन लागत को कम करने में बेहतर मदद करते हैं। साथ ही छोटे किसानों को आधुनिक कृषि विधियों को अपनाने के लिए सक्षम बनाते हैं। प्रशिक्षण में विभिन्न कृषि मशीनों के संचालन और एक कस्टम हायरिंग सेंटर के दैनिक संचालन पर व्यवहारिक प्रदर्शन शामिल थे। इसके अतिरिक्त, प्रतिभागियों को वित्तीय योजना, व्यवसाय प्रबंधन और सीएचसी के लिए उपलब्ध विभिन्न सरकारी योजनाओं के बारे में भी जानकारी दी गई।

प्रतिभागियों को सीएचसी की स्थापना, लाभ और चुनौतियों के बारे में दी गई जानकारी

प्रशिक्षण के दौरान कृषि अभियांत्रिकी के वैज्ञानिक, इंजिनियर धनंजय पासवान ने प्रतिभागियों को सीएचसी की स्थापना, इसके लाभ और चुनौतियों के बारे में विस्तार से जानकारी दी गई। उन्होंने समझाया कि कस्टम हायरिंग सेंटर स्थापित करने से छोटे और सीमांत किसानों को उन्नत कृषि मशीनरी का उपयोग कम लागत पर उपलब्ध हो सकता है। जिससे उनकी उत्पादकता और आय में वृद्धि होगी। इसके अतिरिक्त उन्होंने बीज बोने वाली मशीनों, हार्वेस्टर और ट्रैक्टर जैसे कृषि उपकरणों के उपयोग, रखरखाव और प्रबंधन पर विस्तृत सत्र आयोजित किए।

दैनिक भास्कर खगड़िया 09-07-2024

मल्टी क्रॉप प्लांटर और उसके अंशांकन पर एक दिवसीय प्रशिक्षण आयोजित

जिले के विभिन्न प्रखंडों के 20 किसानों ने प्रशिक्षण में भाग लिया

भास्कर न्यूज | खगड़िया

कृषि विज्ञान केंद्र ने अभ्यासकर्ता किसानों के लिए \'मल्टी क्रॉप प्लांटर और उसके अंशांकन\' पर एक दिवसीय प्रशिक्षण का आयोजन सोमवार को किया। यह प्रशिक्षण विशेष रूप से अभ्यास करने वाले किसानों के लिए तैयार किया गया था। इसमें 20 किसानों ने शामिल होकर जानकारी ली, जो जिले के विभिन्न प्रखंडों से आए थे। प्रशिक्षण सत्र का नेतृत्व कृषि अभियांत्रिकी के विशेषज्ञ वैज्ञानिक धनंजय पासवान ने की। प्रशिक्षण का प्राथमिक फोकस किसानों को मल्टी क्रॉप प्लांटर तकनीक और इसकी अंशांकन तकनीकों के बारे में गहन ज्ञान और व्यावहारिक कौशल की जानकारी दिये जाने पर था। वैज्ञानिक धनंजय ने व्यावहारिक सत्रों का आयोजन किया। जिसमें मल्टी क्रॉप प्लांटर्स के संचालन और अंशांकन में मूल्यवान अंतर्दृष्टि प्रदान की गई। प्रशिक्षण में व्यावहारिक प्रदर्शन और व्यावहारिक अभ्यास शामिल थे। ताकि यह सुनिश्चित किया जा सके कि प्रतिभागियों ने जो सीखा है उसे प्रभावी ढंग से लागू कर सकें। प्रशिक्षण के दौरान प्रतिभागी इंटरैक्टिव चर्चाओं, व्यावहारिक प्रदर्शनों और अंशांकन अभ्यासों में लगे रहे। किसानों को मल्टी क्रॉप प्लांटर्स के कुशल कामकाज के लिए सटीक अंशांकन के महत्व के बारे में बहुमूल्य जानकारी दी गई। बताया गया कि इस प्रशिक्षण से किसानों को समय और श्रम बचाने में भी मदद मिलती मिलेगी। यह प्रशिक्षण किसानों को मक्का और धान की खेती में उत्पादकता और स्थिरता बढ़ाने के लिए सशक्त होगा।

खेती-बाड़ी में उपयोग होने वाले मशीनों की जानकारी लेते किसान।

दैनिक भास्कर
खगड़िया 09-02-2024

आयोजन • सब्जी-फल के संरक्षित खेती विषय पर विज्ञान केन्द्र में प्रशिक्षण शुरू

'युवक-युवतियों को बनाएंगे आत्मनिर्भर'

भास्कर न्यूज | खगड़िया

कृषि विज्ञान केंद्र में गुरुवार को सब्जी-फल की संरक्षित खेती विषय पर चार दिवसीय प्रशिक्षण का शुभारंभ किया गया। प्रशिक्षण सह जागरूकता कार्यक्रम में ग्रामीण क्षेत्र के युवा एवं युवतियों को प्रशिक्षण दिया जा रहा है। इस कार्यक्रम का उद्देश्य ग्रामीण क्षेत्र के युवा युक्तियों को आर्थिक रूप से मदद करते हुए उन्हें आत्मनिर्भर बनाना है। प्रशिक्षण के बाद युवा युक्तियां सब्जी एवं फलों का उन्नत खेती कर अपने उत्पादन को न केवल स्थानीय मार्केट में बेचने में सक्षम होंगे बल्कि डिमांड के अनुरूप बाहर भी अपने उत्पादन को भेज कर अर्थ उपार्जन कर सकते हैं। प्रशिक्षण का शुभारंभ करते हुए कृषि विज्ञान केंद्र के वरीय वैज्ञानिक सह

कृषि विज्ञान केन्द्र परिसर में उपस्थित प्रशिक्षण में शामिल प्रतिभागी

प्रधान विपुल कुमार मंडल ने कहा कि यह प्रशिक्षण महत्वपूर्ण प्रशिक्षण है। प्रशिक्षण के दौरान जानकारों द्वारा बताए जाने वाली जानकारियों को गंभीरता से समझने का प्रयास करेंगे। ताकि सब्जी एवं फलों के उत्पादन बेहतर तरीके से करने में आप लोग सक्षम हो सके। उन्होंने प्रशिक्षण में शामिल प्रतिभागियों को सब्जियां एवं फलों में होने वाली बीमारी के बारे में जानकारी दी। साथ ही बीमारियों के उपचार के बारे में भी विस्तार से जानकारी दी। प्रशिक्षण में 43 प्रतिभागियों ने भाग लिया। प्रतिभागियों को कृषि विज्ञान केंद्र परिसर में लगाए गए फल एवं सब्जियों के खेतों में ले जाकर भी खेती-बाड़ी के बारे में जानकारी दी गई।

दैनिक भास्कर

खगड़िया 24-05-2024

कुपोषण उन्मूलन अभियान के चयनित ग्रामीण परिवार को दिया एक दिवसीय प्रशिक्षण

संसारपुर गांव के 40 परिवार का चयन, रोल मॉडल के रूप में किया जाएगा तैयार, तकनीकी जानकारी दी

भास्कर न्यूज | खगड़िया

कृषि विज्ञान केंद्र में कुपोषण उन्मूलन अभियान के अंतर्गत बुधवार को एक दिवसीय प्रशिक्षण सह स्वास्थ्य शिविर का आयोजन किया गया।

प्रशिक्षण की शुरूआत कृषि विज्ञान केंद्र के वरीय वैज्ञानिक सह प्रधान डॉ बिपुल कुमार मंडल ने अपने संबोधन से किया। उन्होंने कहा कि कुपोषण का सबसे अधिक शिकार गांव के गरीब परिवार की महिलाएं और बच्चे हो रहे हैं। उन्होंने कुपोषण के कारण, इससे होने वाली समस्या और बचाव पर विस्तार से जानकारी दी। उन्होंने कहा कि यदि गरीब परिवार के लोग अपनी सुविधा के अनुसार पोषण वाटिका का निर्माण कर लेते हैं तो वे कुपोषण से बच सकते हैं। कम से कम जगह में भी पोषण वाटिका बनाया जा सकता है। इसके लिए उन्होंने तकनीकी जानकारी भी दी। वहीं उद्यान विभाग के विषय वस्तु विशेषज्ञ रूपम रानी ने पोषण की आवश्यकता एवं महत्व पर जानकारी दी। उन्होंने पोषण के अभाव में होने वाली समस्याओं पर प्रकाश डाला। साथ ही बच्चों एवं महिलाओं का बॉडी मास इंडेक्स का आकलन भी किया। कहा गया कि इस वर्ष कुपोषण उन्मूलन अभियान अंतर्गत जिले के संसारपुर गांव को अंगीकृत किया गया है। जहां कृषि विज्ञान केंद्र के वैज्ञानिक और पदाधिकारी के द्वारा ग्रामीणों को पोषण वाटिका निर्माण करने की तकनीकी जानकारी के साथ इनपुट दिया जाएगा। ताकि संसारपुर गांव कुपोषण मुक्त होकर रोल मॉडल के रूप में उभरकर सामने आ सके। प्रशिक्षण में कृषि विज्ञान केन्द्र में अध्ययनरत फोर्थ इयर की प्रशिक्षु छात्राओं ने भी बढ़ चढ़ कर भाग लिया।

कृषि विज्ञान केन्द्र परिसर में चयनित परिवारों के साथ वैज्ञानिक व कर्मी।

दैनिक भास्कर
खगड़िया 01-04-2024

जैविक एवं प्राकृतिक खेती में अंतर बताते हुए किसानों को दी जानकारी

कौशल विकास मिशन व कंपोस्ट उत्पादन पर प्रशिक्षण का हुआ शुभारंभ

भास्कर न्यूज | खगड़िया

कृषि विज्ञान केंद्र में उपलब्ध संसाधनों एवं संभावनाओं के परिपेक्ष में युवा युक्तियों के साथ-साथ किसानों के बीच रोजगार पैदा करने के उद्देश्य से कंपोस्ट उत्पादन पर भारत सरकार के एग्रीकल्चर स्किल काउंसिल ऑफ इंडिया तथा बिहार सरकार के कौशल विकास मिशन द्वारा प्रदत्त दो दिवसीय एवं 10 दिवसीय प्रशिक्षण का शुभारंभ किया गया। जिले के 40 किसानों ने दो दिवसीय एवं 30 किसानों ने 10 दिवसीय प्रशिक्षण में भाग लिया। प्रशिक्षण में शामिल किसानों के ज्ञान कौशल के साथ-साथ क्षमता वर्धन के लिए महत्वपूर्ण जानकारी दी गई। किसानों को बताया गया कि वर्मी कंपोस्ट मिट्टी को भूरभूरी एवं उपजाऊ बनाने में कैसे कारगर होता है। इसके अलावा कृषि क्षेत्र में सतत विकास के साथ-साथ गुणवत्तापूर्ण फसल उत्पादन करने के लिए प्राकृतिक खेती के बारे में जानकारी दो दिवसीय प्रशिक्षण में शुक्रवार एवं शनिवार को दिया गया।

कार्यक्रम में केंद्र के वरीय वैज्ञानिक सह प्रधान डॉ. विपुल कुमार मंडल के द्वारा प्राकृतिक खेती से संबंधित तकनीक के बारे में जानकारी दिया गया। उन्होंने बताया कि एक देसी गाय पालन कर 30 से 40 बीघा प्राकृतिक खेती किया जा सकता है। प्राकृतिक खेती के द्वारा भूमि जल उत्पादन आदि को दूषित होने से बचाया जा सकता है। उन्होंने जैविक एवं प्राकृतिक खेती में अंतर बताते हुए कई जानकारी दिया। वहीं कृषि विज्ञान केंद्र के पौध संरक्षण वैज्ञानिक एन के सिंह द्वारा किसानों को पोषक तत्व प्रबंधन, कीट, रोग आदि के संबंध में विस्तार से जानकारी दिया गया। उन्होंने प्राकृतिक खाद बनाने, वीजामृत घनजीवामृत, जीवामृत, निमास्त्र दही आदि के प्रयोग के बारे में उन्होंने किसानों को जानकारी दिया। मौके पर उद्यान वैज्ञानिक रूपम रानी ने प्राकृतिक खेती में अंतर्वर्तीय फसलों के महत्व पर प्रकाश डाला।

कृषि विज्ञान केन्द्र परिसर में शामिल किसान व वैज्ञानिक

दैनिक भास्कर

खगड़िया 20-07-2024

स्वरोजगार • कृषि विज्ञान केन्द्र में दो दिवसीय प्रशिक्षण में 43 जीविका दीदी हुईं शामिल

नर्सरी निर्माण सह पोषण वाटिका पर प्रसार कार्यकर्ताओं को दिया गया प्रशिक्षण

भास्कर न्यूज | खगड़िया

स्वरोजगार खड़ा कराने एवं पोषक तत्वों की होती जा रही कमी को दूर करने के उद्देश्य से नर्सरी निर्माण सह पोषण वाटिका निर्माण को लेकर कृषि विज्ञान केंद्र में दो दिवसीय प्रशिक्षण कार्यक्रम का आयोजन किया गया था, जिसका समापन गुरुवार को संपन्न किया गया। कार्यक्रम का शुभारंभ कृषि विज्ञान केंद्र के वरीय वैज्ञानिक सह प्रधान डॉ. विपुल कुमार मंडल ने किया। उन्होंने जीविका दीदी को संबोधित करते हुए कहा कि आज आम लोगों के थाली से पोषक तत्व गायब होते जा रहे हैं, जो समाज के लिए अच्छा संकेत नहीं है।

प्रशिक्षण में शामिल जीविका दीदी व वैज्ञानिक ग्रुप फोटोग्राफी कराते

पोषक तत्वों की कमी के कारण गर्भवती और बच्चों के साथ आम लोग न केवल कई प्रकार के रोग से ग्रस्त हो रहे हैं, बल्कि लोगों में रोग प्रतिरोधक क्षमता भी घटता जा रहा है। जिसे ठीक करने लिए पोषण वाटिका का फैलाव बड़े पैमाने पर करना होगा। कम जगह में भी पोषण वाटिका लगाया जा सकता है। वहीं उद्यान के वैज्ञानिक रूपम रानी ने कहा कि नर्सरी लगाकर लोग स्वरोजगार खड़ा कर सकते हैं। इसके लिए उन्होंने जीविका दीदी को सुलभ और सस्ते तरीके से बेहतर नर्सरी लगाने के तकनीक की जानकारी दी।

उन्होंने कहा कि मौसम अनुकूल सब्जी और फलों को लगाकर अर्थ उपार्जन करने के साथ शुद्ध और ताजा फल सब्जी का हम खुद भी उपयोग कर स्वस्थ रह सकते हैं। नर्सरी लगाने के तकनीक को भी उन्होंने सरल तरीके से बताया। उन्होंने कहा कि छोटे जगह का भी उपयोग नर्सरी के लिए किया जा सकता है। प्रधान वैज्ञानिक ने बताया कि प्रशिक्षण में 43 जीविका दीदी शामिल हुईं।

पोषण वाटिका के लिए दी ट्रेनिंग

- कृषि विज्ञान केन्द्र में प्रशिक्षण कार्यक्रम का किया आयोजन
- सब्जी की नर्सरी व उत्पादन के बेहतर तकनीक को बताया

खगड़िया, नगर संवाददाता। कृषि विज्ञान केन्द्र में एक दिवसीय पोषण वाटिका एवं सब्जी उत्पादन तकनीक विषय पर प्रशिक्षण दिया गया। इस दौरान उपस्थित प्रशिक्षुओं को संबोधित करते हुए कृषि विज्ञान केन्द्र के प्रधान बिपुल कुमार मंडल ने कहा कि पोषण के प्रति जागरूकता जरूरी है। कहा कि विभिन्न पोषण तत्वों एवं उनके फायदों के बारे में जानकारी जरूरी है।

कहा कि पोषण वाटिका निर्माण, नर्सरी निर्माण एवं विभिन्न सब्जी के नर्सरी एवं उत्पादन केबेहतर तकनीक की जानकारी से अच्छी पैदावार की जा सकती है। कहा कि पोषक तत्वों के आभाव में बच्चे कुपोष्ज्ञण के शिकार हो सकते हैं। इस दौरान 28 आंगनबाड़ी सेविकाओं ने प्रशिक्षण में भाग लिया। मौके पर मानसी सीडीपीओ रंजना कुमारी, रंजू कुमार, उद्यान वैज्ञानिक रुपम रानी, पौधा संरक्षण विशेषज्ञ एन के सिंह, शष्य वैज्ञानिक जितेन्द्रकुमार आदि ने भी प्रशिक्षण के दौरान जानकारी दी।

केवीके में प्रशिक्षण के बाद उपस्थित आंगनबाड़ी सेविकाएं व अन्य।

दैनिक भास्कर

खगड़िया 24-08-2024

पहल • प्रशिक्षण में जिले के 22 किसान हुए शामिल, कृषि में अक्षय उर्जा अपनाने पर जोर

कृषि विज्ञान केंद्र में किसानों को सोलर पावर संचालित सिंचाई प्रणाली की दी गई जानकारी

भास्कर न्यूज | खगड़िया

कृषि विज्ञान केंद्र द्वारा शुक्रवार को सोलर पावर इरिगेशन सिस्टम को लेकर प्रशिक्षण दिया गया। इस प्रशिक्षण का उद्देश्य जिले के किसानों को सौर ऊर्जा संचालित सिंचाई प्रणालियों के लाभ, स्थापना और संचालन के बारे में शिक्षित करना था। जो पारंपरिक डीजल और बिजली चालित प्रणालियों के लिए एक स्थायी विकल्प के रूप में कार्य करता है। प्रशिक्षण सत्र में जिले के 22 किसानों ने सक्रिय रूप से भाग लिया। कार्यक्रम का उद्घाटन वरीय वैज्ञानिक सह कृषि विज्ञान केंद्र के प्रधान डॉ. विपुल कुमार मंडल द्वारा किया गया। जिन्होंने कृषि में अक्षय ऊर्जा अपनाने के महत्व को विस्तार से रेखांकित किया, ताकि उत्पादकता बढ़ाने और पारंपरिक ऊर्जा स्रोतों पर निर्भरता को कम करने में मदद मिलेगी। प्रशिक्षण के दौरान कृषि अभियंत्रण के विषय वस्तु विशेषज्ञ, इंजीनियर धनंजय पासवान ने सौर ऊर्जा संचालित सिंचाई प्रणालियों के कार्यप्रणाली पर व्यापक जानकारी दी। किसानों को सौर पैनलों की स्थापना और रखरखाव, उन्हें सिंचाई पंपों से जोड़ने और प्रणाली की दक्षता को अधिकतम करने के लिए व्यावहारिक प्रदर्शन के माध्यम से मार्गदर्शन दिया गया। वित्तीय लाभ, पीएम-कुसुम योजना के तहत उपलब्ध सरकारी सब्सिडी और सिंचाई के लिए सौर ऊर्जा के उपयोग की दीर्घकालिक स्थिरता पर विस्तृत चर्चा की गई। किसानों ने इस पर्यावरण-हितैषी तकनीक को अपनाने के लिए बड़ी उत्सुकता दिखाई। उनमें से कई ने स्थापना प्रक्रिया, रखरखाव और लागत, प्रभावशीलता के बारे में प्रश्न उठाया। जिनका विशेषज्ञों द्वारा समाधान किया गया।

प्रशिक्षण में शामिल जिले के किसान।

दैनिक भास्कर
खगड़िया 28-02-2024

बकरी और मुर्गी में होने वाली बीमारी व उसके उपचार करने की दी गई सलाह

मुर्गी पालन के लिए 3 वसीय प्रशिक्षण सह जागरूकता कार्यक्रम

भास्कर न्यूज | खगड़िया

कृषि विज्ञान केंद्र के सभागार में मंगलवार को बकरी पालन एवं मुर्गी पालन पर तीन दिवसीय प्रशिक्षण सह जागरूकता कार्यक्रम आयोजित किया गया। जिसका उद्घाटन कृषि विज्ञान केंद्र के वरीय वैज्ञानिक सह प्रधान विपुल कुमार मंडल ने किया। प्रशिक्षण में उपस्थित पशुपालकों को संबोधित करते हुए वरीय वैज्ञानिक ने बकरी पालन के महत्व पर विस्तार से जानकारी दी। कार्यक्रम में शामिल पशु वैज्ञानिक डॉ सुनिल कुमार, उद्यान वैज्ञानिक रूपम रानी, शस्य वैज्ञानिक जितेन्द्र कुमार ने भी बकरी एवं मुर्गी पालन के फायदे के साथ इनके पालन की जाने वाली सावधानियों के बारे में जानकारी दी। साथ ही बकरी और मुर्गियों में होने वाले बीमारियों और उससे बचाव की जानकारी दी गई।

प्रशिक्षण सह जागरूकता कार्यक्रम को संबोधित करते डॉ विपुल कु. मंडल।

पशु वैज्ञानिक ने पशुपालकों से कहा कि बकरी में चेचक रोग, खउरपआ-मुहंपका रोग, आफरा रोग के साथ ही महामारी या बकरी प्लेग रोग जैसे बीमारी होता है। महामारी या प्लेग बकरी में होने वाली सबसे घातक बीमारी है। इस बीमारी में बुखार, मुंह में छाले, दस्त और निमोनिया हो जाता है। इस बीमारी में 50 से 80 प्रतिशत बकरी के मरने का चांस होता है। कभी कभी बीमारी के गंभीरता में मृत्यु दर शत प्रतिशत भी चला जाता है। रोग को बताने के साथ ही उपचार एवं सावधानी भी बताया गया। वहीं दूसरी तरफ मुर्गियों में होने वाली बीमारी और उसके उपचार के साथ सावधानियों के बारे में जानकारी दी गई।

दैनिक भास्कर
खगड़िया 23-02-2024

कम लागत में फसल बुआई से कटाई तक की दी जानकारी

कृषि विज्ञान केन्द्र में कृषि यांत्रिकीकरण विषय पर तीन दिवसीय प्रशिक्षण का किया गया आयोजन

भास्कर न्यूज | खगड़िया

कम लागत और कम मजदूरी में ज्यादा से ज्यादा फसल का उत्पादन कर आय बढ़ाने को लेकर जिले के विभिन्न प्रखंडों से 36 किसानों को खेती-बाड़ी में उपयोग होने वाले मशीनों के बारे में जानकारी देने के लिए तीन दिवसीय कृषि यांत्रिकीकरण प्रशिक्षण दिया गया। यह प्रशिक्षण कृषि अभियंत्रण के सौजन्य से दिया गया है। 21 फरवरी से 23 फरवरी तक दिए जाने वाले प्रशिक्षण में भाग लेने वाले में युवा युवतियां शामिल हैं। जिन्हें कृषि यंत्रों के खूबियों के बारे में विस्तार से जानकारी देकर प्रशिक्षित किया गया। कृषि विज्ञान केंद्र के वरीय वैज्ञानिक सह प्रधान डॉ विपुल कुमार मंडल ने बताया कि कृषि यांत्रिकीकरण प्रशिक्षण का उद्देश्य कम लागत और कम मजदूरी में अधिक फसल का उत्पादन कर किसानों का आय दोगुना करना है। साथ ही समय से फसलों की बुआई और कटाई को सुनिश्चित करना है।

खेती-बाड़ी में उपयोग होने वाली मशीन की जानकारी लेते किसान।

उन्होंने कहा कि इस प्रशिक्षण में कृषि अभियंत्रण के वैज्ञानिक धनंजय पासवान एवं अनमोल कुमार के द्वारा प्रशिक्षु युवा युवतियों को खेती-बाड़ी में कृषि यंत्रों का प्रयोग के बारे में विस्तार से जानकारी दिया जा रहा है। किसानों को विभिन्न कृषि यंत्रों को दिखाकर उसका उपयोग के बारे में बताया गया है। वरीय वैज्ञानिक ने बताया कि कृषि विज्ञान केंद्र के द्वारा भविष्य में इस प्रशिक्षण को कराने की व्यवस्था की जा रही है। ताकि अधिक से अधिक किसानों और युवा युवतियों को कृषि यंत्रों की जानकारी दे खेती-बाड़ी को बढ़ावा मिल सके।


THE END