PROFORMA FOR ANNUAL REPORT 2024 (01st January- 31st 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, Agwanpur, Barh, Patna 803214 (Bihar)	9931312288		patnakvk@gmail.com kvk.patna@icar.gov.in

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

Name and address of Host Organization	Telephone		E mail
	Office	FAX	
Bihar Agricultural University, Sabour, Bhagalpur, 813210	06412-452604	06412-452604	vcbausabour@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Reeta Singh		9931312288	patnakvk@gmail.com

1.4. Year of sanction of KVK with council order No. and date: **August 1992 NIES (35)/92/KVK/AE-12 Dated 05th August 1992**

Year of start of KVK: **05th August 1992**

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Matrix Lavel	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
1	Senior Scientist & Head	Dr Reeta Singh	Senior Scientist & Head	Home Science	Level-13 (A)	09.07.2019	Permanent	Others
2	Subject Matter Specialist	Dr. Mrinal Verma	Subject Matter Specialist	Agricultural Engineering	Level-11 R	25.07.2007	Permanent	Others
3	Subject Matter Specialist	Sri Rajeev Kumar	Subject Matter Specialist	Soil Science	Level-10	12.04.2012	Permanent	Others
4	Subject Matter Specialist	Dr. Pushpam Patel	Subject Matter Specialist	Horticulture	Level-10	06.11.2023	Permanent	Others
5	Subject Matter Specialist	Smt. Sangita Kumari	Subject Matter Specialist	Plant Breading & Genetics	Level-10	10.07.2024	Permanent	
6	Subject Matter Specialist	Vacant	Subject Matter Specialist	Vacant	-	-	-	-
7	Subject Matter Specialist	Vacant	Subject Matter Specialist	Vacant	-	-	-	-
8	Programme Assistant	Dr. Prakash Chandra Gupta	Programme Assistant (LabTech.)	Plant Physiology	Level-06	12.11.2012	Permanent	Others
9	Computer Programmer	Sri Akhilesh Kumar	Programme Assistant (Computer)	Computer	Level-06	22.05.2013	Permanent	BC
10	Farm Manager	Vacant	Farm Manager	-	-	-	-	-
11	Assistant	Sri Jayant Prasad	Assistant	M.com	Level-06	15.04.2013	Permanent	EBC
12	Stenographer	Sri Chandan Kumar	Stenographer	Graduation	Level- 04	26.06.2013	Permanent	BC
13	Driver	Sri Kanhaiya kumar Rai	Driver	Matric	Level-03	14.05.2015	Permanent	BC
14	Driver	Vacant	-	-	-	-	-	-
15	Supporting Staff	Bachhan Sah	Messenger cum Peon	8th Pass	Level-02	22.12.1992	Permanent	Others
16	Supporting Staff	Vacant	-	-	-	-	-	-

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)	Name of infrastructure
1	Under Buildings	1.5	Administrative Building, Kisan Ghar, Seed Sale Counter, Implement Shed, Seed Godown, Threshing Floor, Demonstration unit of Poultry, Goatery, Cow, Vermicompost unit, Fishery, Community Radio Station, Video Conferencing etc.
2.	Under Demonstration Units	0.3	
3.	Under Crops	14.2	
4.	Orchard	4.0	
5.	Others with details	-	
	Total	**20.0**	

**Total area should be matched with breakup*

1.7. Infrastructure Development:
A) Buildings and others

S. No.	Name of building	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq. m)	Under use or not*	Source of funding
1.	Administrative Building	-	-	-	-	Completed	505	Under Use	ICAR
2.	Farmers Hostel	-	-	-	-	Completed	305	Under Use	ICAR
3.	Staff Quarters (6)	-	-	-	- SMS (2 Unit)	Completed (PC) Completed Supporting Staff (2 Unit) Incomplete	87 77 128	Under use Abandoned	ICAR ICAR ICAR
4.	Piggery unit	-	-	-	-	-	-	-	-
5	Fencing	-	-	-	Completed	-	2830 Running meter	Need to be repaired	ICAR
6	Rain Water harvesting structure	-	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	Completed	785	Under Use	ICAR
8	Farm godown	-	-	-	-	Completed	60	Under Use	ICAR

9.	Dairy unit	-	-	-	Completed	-	-	-	RKVY
10.	Poultry unit	-	-	-	Completed	-	-	-	RKVY
11.	Goatery unit	-	-	-	Completed	-	-	-	RKVY
12.	Mushroom Lab					1 unit	21	Under Use	ICAR
13.	Vermicompost production unit					1 unit	18	Under Use	ICAR
14.	Shed house					-	-	-	-
15.	Soil test Lab					1 unit	37	Under Use	ICAR
16	DG Set Shed					1unit	216	Under Use	ICAR
17	Mushroom Production/ Demonstration Unit					1 unit	35	Under Use	ICAR

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Motor cycle (BR01CQ9613)	2015	59,452.00	3489 Km	Good condition
Motor cycle (BR01CQ9614)	2015	59,452.00	4976 Km	Good condition
Tractor (BR01GD5837)	2014	6,65,000.00	307.7 hr.	Good condition
Tractor, 65 HP (CRA)	2021	941953.60	102.9 hr.	Good condition
Tractor 55 HP	2021		114.1 hr.	Good condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab Equipment				
pH meter	30.12.2013	15000.00	Working	ICAR
Atomic Absorption Spectro Photometer	31.03.2013	1060000.00	Working	ICAR
Flame Photometer			Working	ICAR
Spectro Photometer			Working	ICAR
Mrida Parikshak			Not Working	ICAR
STFR meter			Not Working	ICAR
b. Farm Machinery				
c. AV Aids (i) Podium	2013-14	31290.00	Working	ICAR
(ii) Audio aid	2013-14	17128.00	Working	ICAR

Photostat Copier machine with accessories	31.03.2016	96,173.00	Working	
Desktop Computer + Laptop HP	31.03.2016	82,583.00	Working	ICAR
CCTV	31.03.2016	21,000.00	Working	ICAR
LED flood light with stand	31.03.2016	6,500.00	Working	ICAR
Sound System	31.03.2016	30,165.00	Working	ICAR
Handy Cam	31.03.2016	82,871.00	Working	ICAR
Camera	17.01.2016	14,199.00	Working	ICAR
LED TV	16.03.2016	72,700.0	Working	ICAR
LED TV	12.09.2016	27200.00	Working	ICAR
Generator DG set	31.08.2016	3,94,134.00	Working	ICAR
Projector	31.03.2016	52,000.00	Working	ICAR
Water Cooler + Water purifier	12.09.2016	59,500.00	Working	ICAR
Panasonic LED	12.09.2016	27,200.00	Working	ICAR
Vacuum cleaner	12.09.2016	9,950.000	Working	ICAR
Still Photography Camera (Canon)	12.09.2016	29,600.00	Not Working	ICAR
External Hard Drive	12.09.2016	5600.00	Working	ICAR
Fire extinguisher Cylinder	12.09.2016	9,649.00	Working	ICAR
Autoclave	14.12.2012	57,000.00	Working	ICAR
Hot air oven	14.12.2012	64,500.00	Working	ICAR
BOD Incubator	22.12.2012	1,49,510.00	Working	ICAR
Laminar air flow	02.12.2012	97,670.00	Working	ICAR
Auto clave	10.02.2018	80000.00	Working	BSDM
Computer (Lenovo)	25.01.2018	49950.00	Working	CSISA Project
HP Color Printer	25.01.2018	14700.00	Working	CSISA Project
Hard Disk	25.01.2018	14990.00	Working	CSISA Project
Computer (HP)	30.03.2019	77499.00	Working	BSDM
Computer (Lenovo)	24.12.2021	91700.00	Working	IRRI

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Tractor	05.05.2014	6,65,000.00	Working	ICAR
Trailer	14.04.1998	5,446.00	Working	ICAR
Nine Tyne Cultivator	14.04.1998	3,961.00	Working	ICAR
Cage Wheel	14.04.1998	1,485.00	Working	ICAR
Mould Board plough	14.04.1998	7,920.00	Working	ICAR
Cultivator 11 Tyne (Spring Loaded) 01	21.02.2012	-	Working	RKVY

Disk Harrow 12 disk (Mounted)	21.02.2012	-	Working	RKVY
Multi crop Thresher	21.02.2012	-	Working	RKVY
Seed processing plant	31.12.2011	9,81,760.00	Working	ICAR
Gator rocker hand sprayer	08.12.2012	4,300.00	Not Working	NHM
Knapsack Hand sprayer	08.12.2012	1,800.00	Working	NHM
Mould Board plough (Two bottom)	17.01.2020	36960.0	Working	NHM
Happy Seeder(2Nos)	18.01.2021	258928.0	Not Working	NHM
Paddy Thresher	06.07.2021	156000.00	Working	CRA
Rice Wheat Seeder	06.07.2021	20000.00	Working	CRA
National Multi Crop Planter	09.04.2021	88019.00	Working	CRA
Trolley	08.06.2021	151864.41	Working	CRA
Laser Land Leveler	30.04.2021	272321.04	Working	CRA
Raised Bed Planter	30.04.2021	88392.86	Working	CRA
Self-propelled vertical conveyer reaper	23.06.2021	124803.00	Working	CRA
Self-propelled Weeder	23.06.2021	50410.00	Working	CRA
Happy Seeder	30.04.2021	129464.00	Working	CRA
Tractor (65 HP)	30.04.2021	941953.60	Working	CRA
Combine (Class)	27.10.2021	2759532.00	Working	CRA
Straw Baler	13.11.2021	1238980.00	Working	CRA
Tractor Mounted Sprayer	21.09.2021	193520.00	Working	CRA
Zero Till Drill National)	13.12.2021	141000.00	Working	CRA
High Speed Hay Rack (Shaktiman)	14.12.2021	379724.00	Working	CRA

2. Priority thrust areas of KVKs

S. No	Thrust area
1.	Seed replacement of pulses and oilseeds
2.	Integrated Nutrient Management
3.	Integrated Pest Management.
4.	Food and Nutritional Security
5.	Farm Mechanization
6.	Natural Farming
7.	Crop Diversification
8.	Crop Residue Management
9	Seed production of cereals oilseed, Pulses Vegetables and Spices.
10	Women Empowerment through Bee keeping, Mushroom production, Vermicompost production and value-added products of Agril. Products.
11	Ensuring availability of mushroom spawn round the year
12	Use of bio fertilizer and organic manure.
13	Enterprise Development through Food Processing
14	Drudgery Reduction

2. a. District level data on agriculture, livestock and farming situation (2024)
Major farming systems of the district

S. No.	Farming system/enterprise
1	Rice -Wheat
2	Rice- Wheat –Moong
3	Maize-Oilseed-Vegetable
4	Rice-Maize-Moong
5	Rice-Potato-Wheat
6	Rice-Potato-Onion
7	Rice-Potato-Wheat –Maize
8	Rice-Wheat-Mentha
9	Vegetable-Oilseed-Moong
10	Vegetable-Lentil-Maize
11	Vegetable –Gram-Moong
12	Gram and Lentil in Tal

One district one product (NITI Ayog)

Onion: Mainly cultivated in Jalla area of Patna. The dominant variety grown is Patna Red and in recent times Sukh Sagar variety is gaining popularity among the onion growing farmer because of early harvesting which gives better price to the farmers**.**

Description of Agro-climatic Zone

S. No	Agro-climatic Zone	Characteristics
1	ACZ-IIIB	Old alluvial sandy loam to clay, large Tal and Diara areas. Most of rainfall is received in month of July to September bringing with it the problem of recurrent flood. The highest gross irrigated area as percentage of gross cropped area lies in zone III with 76.35% under assured means of irrigation. Despite Hight gross irrigated area at 76.35% in Zone III, it is low in cropping intensity at only 135.11 % water stagnation for ling period during kharif season hampers crop cultivation during Kharif.

Source: Strategic research and extension plan of Patna district- Prepared by ATMA, Patna & National institute of Agricultural Extension Management Rajendra Nagar Hyderabad.

Agro Ecological Situation

S. No	Agro Ecological situation	Area (ha)	Characteristics
1	Tal	38885.00	Water logging more than 3 months & heavy textured soil
2	Diara	45599.80	Undulated light texture soil
3	Jalla	3508.00	Peculiar situation, water stagnation more than 2 months medium heavy soil, clay loam to clay in texture
4	Irrigated plain	67637.24	Well irrigated plain land & medium to heavy soil irrigated sone canal with most fertile land tract of the district
5	Rainfed plain	83403.85	Un irrigated plain land & medium to heavy soil

Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Clay to clay loam	Heavy soils Rap cracking in summer good water holding capacity and fertility status.	38855
2	Sandy loam, light textured soil	Undulated, high sand percentage low water holding capacity medium fertility status	45599
3	Medium to heavy soil	Peculiar situation, water stagnation more than 2 months medium heavy soil, good water holding capacity medium fertility status	51262

Productivity of major crops of districts (2023-24)

S. No	Crop	Area (ha)	Production (q)	Productivity (q/ha)
1	Paddy	74219.0	2651750	35.73

2	Wheat	70360.0	2380670	33.84
3	Maize (Kharif)	3673.0	74530	20.29
4	Maize (rabi)	762.0	38840	50.97
5	Maize (Summer)	1505.0	52770	35.06
6	Lentil	29480.0	260600	8.84
7	Gram	6386.0	80140	12.55
8	Lathyrus	9119.0	87720.0	9.62
9	Pea	2091.0	22120.0	10.58
10	Mustard	4223.0	44260.0	10.48
11	Green gram	910.0	4990.0	5.48
12	Arhar	989.0	17990.0	18.19
13	Potato	10185	238329.0	23400.0
14	Barley	200.0	3360.0	16.79
15	Linseed	90.0	770.0	8.53
				Source: Directorate of Economics, Govt. of Bihar

Mean yearly temperature, rainfall, humidity of the district

Month	**Rainfall (mm)**	**Temperature ^{0} C**		**Relative Humidity (%)**	
		Maximum	Minimum	Maximum	Minimum
January, 2024	0	18.66	9.48	61.39	30.89
February, 2024	0	28.59	13.01	62.32	31.96
March, 2024	1.00	32.99	16.95	56.20	26.00
April, 2024	1.50	38.44	21.71	35.97	13.77
May, 2024	7.08	38.27	22.83	50.82	18.75
June, 2024	7.62	39.63	24.08	51.14	23.79
July, 2024	13.66	34.57	25.42	73.35	46.00
August, 2024	15.25	32.91	26.35	84.68	52.90
September, 2024	7.96	34.36	26.75	83.93	52.86
October, 2024	12.55	32.69	23.10	81.21	48.66
November, 2024	0	30.36	17.16	67.93	33.00
December, 2024	0.0	27.87	13.42	81.29	34.84

Production of major livestock products like, etc.
Note: Please give recent data only

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

Sl. No.	**Name of Taluk**	**Name of the block**	**Name of the villages**	**Major crops & enterprises**	**Major problems identified (crop-wise)**	**Identified Thrust Areas**

1	Athmalgola	Athmalgola	Chanda	Rice, Pulses, Green gram	• Availability of quality seed in proper time • Availability of seeding machinery • More use of insecticide and pesticide at higher dose • lesser and no use of potassic fertilizer	• INM • IPM • Mechanization
			Usmanpur	Maize, Wheat, Mustard, Pulses and Sorghum		
			Fulelpur	Maize, Wheat, Mustard, Pulses and Sorghum		
			Kalyanpur	Wheat, Rice, Pulses		
			Jamalpur	Rice, Wheat, Pulses, Mustard		
			Kamrapar	Rice, Wheat, Pulses, Mustard		
			Rupas	Rice, Wheat, Pulses, Mustard		
			Sabnima	Rice, Wheat, Pulses, Mustard		
			Teenpaitola	Rice, Wheat, Pulses, Mustard		
			Ramnagar Diyara	Rice, Wheat, Pulses, Mustard		
2	Danapur	Danapur	Makhdumpur	Rice, Wheat, Pulses, Mustard		
			Lodipur Chandmari	Rice, Wheat, Pulses, Mustard		
3	Barh	Barh	Agwanpur	Rice, Wheat, Pulses, Mustard		
			Ranabigha	Rice, Wheat, Pulses, Mustard		
			Soima	Rice, Wheat, Pulses, Mustard		
			Sadikpur	Rice, Wheat, Pulses, Mustard		
			Hasan Chak	Rice, Wheat, Pulses, Mustard		
			Neemchak	Rice, Wheat, Pulses, Mustard		
			Saidpur	Rice, Wheat, Pulses, Mustard		
			Bahrawan	Rice, Wheat, Pulses, Mustard		
			Purai Bagh	Rice, Wheat, Pulses, Mustard		
4	Mokama	Mokama	Mor	Fallow, Pulses/ Mustard		
			Mokama Nagar	Fallow, Pulses/ Mustard		
			Sultanpur	Fallow, Pulses/ Mustard		
			Moldiar Tola	Fallow, Pulses/ Mustard		
5	Pandarak	Pandarak	Chak Jalal	Wheat, Rice, Pulses		
			Chintaman chak	Wheat, Rice, Pulses		
			Manjhala Bigha	Rice, Wheat, Pulses, Mustard		

			Dhabhama	Rice, Wheat, Pulses, Mustard		
			Paindachak	Rice, Wheat, Pulses, Mustard		
			Sarhan	Rice, Wheat, Pulses, Mustard		
			Imadpur	Rice, Wheat, Pulses, Mustard		
6	Belchi	Belchi	Murtujapur	Rice, Wheat, Pulses/ Mustard		
			Rasbag	Rice, Wheat, Pulses/ Mustard		
			Moglani	Rice, Wheat, Pulses/ Mustard		
			Andauli	Rice, Wheat, Pulses/ Mustard		
			Tilhar	Rice, Wheat, Pulses/ Mustard		
7	Ghoswari	Ghoswari	Tartar	Paddy, Pulses, Mustard		
8	Khusrupur	Khusrupur	Chotki Nawada	Rice, Wheat, Pulses, Mustard		
9	Fatuha	Fatuha	Kharpar	Rice, Wheat, Pulses, Mustard		

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**
Fulelpur (Senior Science & Head)	Athmalgola	Training & Demonstration
Chanda (SMS Agril. Engg.)	Athmalgola	Training & Demonstration
Agwanpur (SMS Horticulture)	Barh	Training, NARI, MEP Demonstration
Chintamanchak (SMS PBG)	Pandarak	Training, SCSP Demonstration
Chakjalal (SMS Soil Science)	Pandarak	Training

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
06	05	40	04	02	0	0	31	07			44	06	06	238	19	09	0	0	188	22	207	31	238

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
210	198	2147	1079	1206	0	0	4857	2002	5938	3210	9148	300	317	10000	506	80	288	0	8974	5514	9768	5594	15362

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

Seed production (q)			**Planting material (in Lakh)**		
Target (Crop and variety)	**Achievement (q)**	**Sold (q)**	**Target (crop and variety)**	**Achievement**	**Sold (number)**
Wheat (HD-2967)	122.4		Cauliflower (S Agrim)	2500	48
Paddy (R. Sweta)	157.0		Cabbage (Hybrid)	2500	48
Finger Millet (A-404)	7.5		Tomato (Pusa Ruby)	2000	48
Barely (DWRB-137)	2.5		Brinjal (F1 hybrid 704)	2000	48
Mustard (RH- 725)	14.5		Guava (Allahabad Safeda)	4000	-
Soyabean (R-1241)	0.95		Lime (Kagji)	1000	60
Lentil (IPL-316)	12.2		Papaya (Pusa Nanha)	200	-
Chickpea (S. Chana- 1)	8.4				
Lathyrus (Ratan)	1.0				
Moong (Shikha)	6.2				
Field Pea (IBFD-1012)	0.68				
Potato (UC Map)	33.2				
Potato (K. Nil Kanth)	12.0				

Livestock strains (in no's) and fish fingerlings produced (in lakh) *		**Soil, water, plant, manures samples tested (in lakh)**	
Target	Achievement	Target	Achievement
Goat (Black Bangal)	02/7000.00	1000	11
Chicken (Sonali)	93.7 kg. (Rs. 20614)		
Chicken (Kadaknath)	49.05 kg, (Rs. 19620.)		
Egg	126/1890		

* 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	7	01
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management			
5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Farm Machineries	02	7 each	02
10	Integrated Farming System			
11	Seed / Plant production			
12	Post Harvest Technology / Value addition			
13	Drudgery Reduction			
14	Storage Technique			
15	Others (Pl. specify)			
16	Cropping Systems			
17	Farm Mechanization			
18	Others			
	Total			
B	**Technologies assessed under various crops (Hort crops.)**			
	Thematic areas	**Number of the technologies (Technology Interventions)**	**No. of trials**	**No. of Locations**
1	Integrated Nutrient Management	1	7	2
2	Varietal Evaluation	-	-	-
3	Integrated Pest Management	-	-	-
4	Integrated Crop Management	-	-	-
5	Integrated Disease Management	-	-	-
6	Small Scale Income Generation Enterprises	-	-	-
7	Weed Management	-	-	-
8	Resource Conservation Technology	-	-	-
9	Post-harvest Technology / Value addition	-	-	-
10	Others if any specify	-	-	-
C	**Technologies assessed under livestock & Fisheries by KVKs**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Disease & Health Management			
2	Breeding management/Evaluation of Breeds			
3	Feed and Fodder management			

4	Nutrition Management			
5	Production and Management			
6	Processing and Value addition			
7	Fisheries management			
8	Others (waste, ITK etc.)			
	Total	**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			
2	Entrepreneurship Development			
3	Health and nutrition			
4	Processing and value addition			
5	Energy conservation			
6	Small-scale income generation			
7	Storage techniques			
8	Household food security			
9	Organic farming			
10	Agroforestry management			
11	Mechanization			
12	Resource conservation technology			
13	Value Addition			
14	Others			
	Total	**0**	**0**	**0**
E	**Technologies assessed under various enterprises for women empowerment**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Drudgery Reduction			
2	Entrepreneurship Development			
3	Health and Nutrition			
4	Value Addition			
5	Others			
Total		**0**	**0**	**0**

3.2.2 OFT (All discipline)

OFT- 01 (Agril. Engg.)

1	**Title**	**Assessment of sowing of lentil by different machines in tilled field condition**
2	**Problem diagnosed**	In Patna district Lentil is cultivated in an area of 46135 ha and the productivity is 12.9 q/ha (Potential yield 15-20q/ha). Still the sowing method of the pulses is broadcasting resulting low yield. Therefore, an attempt to address this problem On Farm Trial has been designed to increase the productivity and profitability in pulses production adopting mechanization.
3	**Technological option**	**Farmers Practice: -** Sowing of Lentil by broadcasting and

		mixing by cultivator **Technology option I:** Sowing of Lentil by Multi crop Planter in Tilled Condition **Technology option II:** Sowing of Lentil by Seed Drill in Tilled Condition
4	**Source of Technology**	CIAE, Bhopal & PAU, Ludhiana
5	**Replication**	07
6	**Production system and thematic area:**	Farm Mechanization
7	**Performance of the technology with performance indicators**	**Technical Parameter-**Germination**,** Plant Population **(**No. of plant/$m^{2)}$, Field Capacity (ha/h) **Economic Parameter-**Grain yield (q/ha), Straw yield (q/ha), Gross Cost (Rs/ha), Gross return (Rs/ha), Net Return (Rs/ha), Benefit Cost ratio.
8	**Constraints identified**	
9	**Process of Farmer Participation**	
	Result	Ongoing

OFT- 02 (Agril. Engg.)

1	**Title**	**Assessment of different threshing method of Pigeon pea**
2	**Problem diagnosed**	Low efficiency of farm labourer due to drudgery involved in Pigeon pea threshing and winnowing operation leads to higher cost and less profitability.
3	**Technological option**	**Farmers Practice: -** Manual Threshing **Technology option I:** Threshing by wire loop paddy thresher followed by manual winnowing **Technology option II:** Threshing by wire loop paddy thresher followed by winnowing in multi crop thresher
4	**Source of Technology**	ICAR-IARI, Delhi & KVK Barh (Local source)
5	**Replication**	07
6	**Production system and thematic area:**	
7	**Performance of the technology with performance indicators**	**Economic Parameter -** Grain yield (q/ha), Gross Cost (Rs/ha), Gross return (Rs/ha), Net Return (Rs/ha), Benefit Cost ratio.
8	**Constraints identified**	
9	**Process of Farmer Participation**	
	Result	**Ongoing**

OFT- 03 (Soil Science)

Title of OFT - Improvement of Nitrogen use efficiency in Rice

Problem diagnoses: Excessive use of chemical fertilizer and spiraling price of urea leads to increase in cost of cultivation

1. Details of technology selected for assessment/refinement
   Farmers practice : RDF (N:P: K: 100:40:20 Kg/ha)
   Technological option I : 50% RDN and 100%PK + Nano urea @4 ml/lit water (single spray at pre flowering stage)
   Technological option II : 50% RDN and 100%PK +2 spray of Nano urea at (25-30 days) and (60-65 days) @4 ml/lit water
2. Source of technology : OFT workshop at BAU, Sabour, Bhagalpur
3. Production system and thematic area: Rice- Wheat cropping system & Integrated Nutrient Management
4. Performance of the technology with performance indicators

Technological options	No of tiller/m2	No of effective tiller/m2	Panicle length (cm)	No of grain/ panicle	1000- grain weight (g)	grain yield (q/ha)	straw yield (q/ha)
Farmers practice (RDF i.e	249.27	206.89	18.125	128.87	22.62	53.57	81.43

N:P:K::100:40:20 Kg/ha)							
50% RDN and 100%PK + Nano urea @4 ml/lit water(single spray at pre flowering stage)	234.00	194.21	15.25	117.25	20.62	41.13	62.52
50% RDN and 100%PK +2 spray of Nano urea at (25-30 days) and (60-65 days) @4 ml/lit water	243.75	202.31	16.25	125.87	21.75	48.49	73.71
SEM ±	10.96	7.61	0.20	4.29	0.32	1.22	2.82
CD(p=0.05)	23.46	16.28	NS	9.18	NS	2.61	6.03
CV (%)	18.09	15.13	5.02	13.84	5.92	10.23	15.54

2. Economics of paddy cultivation under different nitrogen management practices

Technological options	**Gross cost (Rs/ha)**	**Gross Return (Rs/ha)**	**Net Return (Rs/ha)**	**B:C Ratio**
Farmers practice (RDF i.e N:P:K::100:40:20 Kg/ha)	44800	140848	96048	3.14
50% RDN and 100%PK + Nano urea @4 ml/lit water (single spray at pre flowering stage)	42200	108150	65950	2.56
50% RDN and 100%PK +2 spray of Nano urea at (25-30 days) and (60-65 days) @4 ml/lit water	43400	127498	84097	2.93

5. **Pre sowing soil nutrient status:**
   pH- 7.1, EC- 0.06, OC%- 0.56, Av N- 285.3, Av P_2O_5-12.6, Av K_2O- 154.2, DTPA extractable Fe-12.4 ppm, Mn- 11.2 ppm, Zn-0.34 ppm, Cu- 0.25ppm
6. **Post harvest soil nutrient status: pH** – 7.4, E.C -0.08, Organic carbon% - 0.66, Available N- 275.6Kg/ha, Available P_2O_5 -11.7Kg/ha, Available K_20- 150.6 Kg/ha, DTPA extractable Fe-12.04 ppm, Mn-12.5 ppm, Zn-0.40 ppm, Cu- 0.22 ppm
7. **Final recommendation for micro level situation:** Application of nano urea either one or two spray does not increase the yield level up to application of recommended dose of fertilizer and the yield reduction is about 12.44 and 5.08 q/ha in single and two application of nano urea, respectively. It is therefore recommended that before large scale recommendation it must be tested on the experimental stations.
8. **Process of farmers participations:**
   Farmers actively participated in the programme.

OFT- 04 (Soil Science)

1	**Title**	**Assessment of soil application of sulphur on growth, yield and economics of Mustard**
2	**Problem diagnosed**	In Patna district mustard is cultivated in an area of 7170 ha and the productivity is 7.9 q/ha. The soil of the Patna district (60%) is deficient in sulphur. Therefore, an attempt to address this problem On Farm Trial has been designed to increase the productivity and profitability in mustard cultivation
3	**Technological option**	**Farmers Practice: -** RDF i.e 80:40:40 $N:P_2O_5:K_2O$ (BAU, Sabour, Bhagalpur) **Technology option I:** RDF + Bentonite sulphur @20Kg/ha + seed dressing with Azotobacter @5ml /Kg seed (Source of technology – DRMR, Bharatpur, Rajasthan) **Technology option II:** RDF + Bentonite sulphur @20Kg/ha + seed dressing with PSB @5ml /Kg seed (Source of technology – DRMR, Bharatpur, Rajasthan)
4	**Source of Technology**	BAU, Sabour, Bhagalpur & DRMR, Bharatpur, Rajasthan
5	**Replication**	08
6	**Production system and thematic area:**	
7	**Performance of the technology with performance indicators**	No. of branch/plant, No. of siliqua/plant, No. of seed/pod, 1000 grain weight(gm), Grain yield (q/ha), Straw yield (q/ha), Gross Cost (Rs/ha), Gross return (Rs/ha), Net Return (Rs/ha), Benefit Cost ratio, pre and post soil nutrient status
8	**Constraints identified**	
9	**Process of Farmer Participation**	
	Result	**Ongoing**

OFT- 05 (Horticulture)

1	**Title**	**Assessment of bio-fertilizer on growth and yield of Mango (cv. Amrapali)**
2	**Problem diagnosed**	**Poor flowering and fruit set**
3	**Technological option**	**Farmers Practice: -** 50 Kg FYM per plant **Technology option I:** Arka mango special spray 5gm/lit (two times) Time of foliar spray: First spray- October- November Second spray- February - March **Technology option II:** ½ dose of RDF (N:P:K:: 500:250:250 gm/tree) + 50 Kg FYM + Azospirillum culture (250g/tree) Time of application : August - September
4	**Source of Technology**	IIHR, Bengaluru and AICRP, Sabour
5	**Replication**	07
6	**Production system and thematic area:**	Integrated nutrient management
7	**Performance of the technology with performance indicators**	i. Technical indicator: Numbers of fruits per plant, Fruit weight (g), Yield/plant (kg) ii. Economic indicator (cost of cultivation, gross return, net return, B:C ratio) iii. Farmer perception
8	**Constraints identified**	
9	**Process of Farmer Participation**	
8	**Constraints identified**	
9	**Process of Farmer Participation**	
	Result	**Ongoing**

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

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

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

3.3 ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS (FLD)

A. Overall achievements of FLDs conducted during the year 2024

S. No	Crop category	No. of FLD	Area (acre)	No of beneficiaries	Yield in Demo (q/ha)	Yield in check (q/ha)
1.	Cereals	02	8.0	19	Ongoing	Ongoing
2.	Oil Seed					
3.	Pulses					
4.	Horticulture Crops (vegetable kit) lemon plant	01 01	63 nos 25 nos	63 25	-	-
5.	Other crops					
6.	Hybrid crop					
7.	Livestock	01	3500 nos	95	-	-
8.	Fisheries					
9.	Other enterprises				-	-
10.	Mushroom	01	360 bags	36	5.40	-
11.	Women empowerment					
12.	Farm Machinery					
	Grand Total	**06**				

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
Barley	Crop Production	DWRB 137	06	02	43.46	35.56	30500	80413.3	49913.3	2.63	27516.6	65798.33	38281.67	2.39	43.46
Total															

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**
Onion	Yield Increment	Improved variety (NHRDF Red-3)	23	01	308.86	283.14	9.18	82213	370643.5	288430.4	4.50	77965.2	283147.8	205182.6	3.63
Bitter gourd	Yield Increment	Improved variety (Pusa do Mausami)	30	01	152.82	130.78		61270	183380	122110	2.99	66333.0	156936.0	90602.67	2.37
Cauliflower	Yield Increment	Improved variety (Sabour Agrim)	10	01	177.37	151.35		80528	354740	274212	4.40	88930.0	302700.0	213770.0	3.41
Nutri-Kit (Summer)	-	-	60	$100m^2$/Nutri Garden	1.48	-	-	614.10	2216.00	1602.0	3.61	-	-	-	-

Nutri-Kit (Kharif)	-	-	60	100m^2/Nutri Garden	1.31	-	-	576.29	1958.0	1381.0	3.52	-	-	-	-
	Total														

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

5. Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)/ No.	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
Mushroom	Others	Button	10	10	17.9	14.8				1200	3580	2380	2.98	504.5	1184	679.5	2.34
		Total															

6. Demonstration details on crop hybrid varieties

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

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
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)										

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
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	36	360	-	-	-	-	-	12000	54000	42000	3.5	-	--		-
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	63	Vegetable kit	-	-	63

Storage Technique					
Value addition					
Women Empowerment					
Others					
Total - Women					
Children					
Health and nutrition					
Others					
Total - Children					
Other if any					
Total others					
Grand Total	0	0			

11. Farm implements and machinery

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

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

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days				
2.	Farmers Training	20.07.2024 (Millets) 05.11.2024 (Onion) 15.11.2024 (Barley) 28.11.2024 (Barley) 30.11.2024 (Mushroom) 12.07.2024 (Cauliflower) 15.07.2024 (Bitter Gourd)	01 01 01 01 01 01 01	18 30 11 06 25 10 30	
3.	Media coverage				
4.	Training for extension functionaries				

Technical Feedback on the demonstrated technologies (if any)

Sl. No	Crop	Feed Back
1	Millet	Processing of millet is main constraint.
2	Onion	Production is very good having more input requirement.
3	Barley	Easy to sow but marketing problem.
4	Mushroom	Very easy production technology. Moreover, landless farmer also increases their income.
5	Cauliflower	Availability of good early variety.

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

(During Kharif, Rabi and Summer)

1. Technical Parameters:

S. No.	Crop season	Name of crop demonstrated	Area (ha)	Number of farmers	Detail of technology demonstrated	Detail of existing farmer practice	Yield (q/ha) in farmer field	Yield obtained in demonstration (q/ha)			Yield gap (Kg/ha) w.r.to			Yield gap minimized (%)		
								Max.	Min.	Av.	District yield (D)	State yield (S)	Potential yield (P)	D	S	P
1	Rabi (2023-24)	Mustard	70.0	176	Improved variety Sulphur IPM	Variety- Varuna Seed rate- 8 kg/ha NPK@	14.97	18.6	14.6	17.19	5.94	9.14	2.81	34.55	53.17	14

						70:36:0 Kg/ha										
2	Rabi (2023-24)	Lentil	24.0	60	Improved variety Sulphur IPM	Variety-Arun Seed rate-120 Kg/ha 4 Spray of Insecticide and fungicide	13.71	17.5	12.5	15.83	5.94	9.14	2.81	25.33	40.06	12.0
3	Rabi (2024-25)	Mustard	300	758	Improved variety Sulphur IPM	Variety-Arun Seed rate-120 Kg/ha 4 Spray of Insecticide and fungicide	-	-	-	-	-	-	-	-	-	-

2. Economic parameters

S. No.	Detail of technology demonstrated	Farmer's existing practice				Demonstration technology				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	
1	**Mustard (2023-24)** a. Improved variety (RH725) b. Seed rate @ 5 Kg/ha c. Sulphur @ 20 Kg/ha d. Carbendazim 63%+mancozeb12% @ 2gm/lit for white rust management e. Imidacloprid17.8%SL@ 1ml/3lit water for aphid management	30041.0	84599.0	54558.0	1.81	31106.0	97175.0	66069.0	2.12	11511.0
2	**Lentil** a. Improved variety (IPL 316) b. Seed rate @ 45 Kg/ha c. IPM	28045.0	93054.0	65008.0	2.32	30545.0	106729.0	76184.0	2.49	11176.0
3	**Mustard (2024-25)** a. Improved variety (RH725 &RH 761)	-	-	-	-	-	-	-	-	-

	b. Seed rate @ 5 Kg/ha c. Sulphur@20 Kg/ha d. Carbendazim 63%+ mancozeb 12% @ 2gm/lit for white rust management e. Imidacloprid 17.8% SL @ 1ml/3lit water for aphid management									

3. Socio-economic impact parameters

S. No.	Name of crop demonstrated	Total produce obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own their own farm (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mondays/house hold)
1	(2023-24) Mustard	120394	620	5650	4	15	Purchasing input for next season	156
2	(2023-24) Lentil	3800	570	6425	150	150	Purchasing input for next season	152
3	(2024-25) Mustard	-	-	-	-	-	-	-

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

S. No.	Detail of technologies demonstrated	Farmers' Perception parameters						
		Suitability of technology 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	Farmer feedback
1	**(2023-24) Mustard** a. Improved variety (RH725) b. Seed rate @ 5 Kg/ha c. Sulphur @ 20 Kg/ha d. Carbendazim 63%+ mancozeb 12% @ 2gm/lit for white rust management e. Imidacloprid 17.8 % SL@ 1ml/3lit water for aphid management	Suitable for paddy-Mustard -Green gram farming system	Plant height is more	Affordable	More plant height	Yes	No	Variety is high yielding, Response of Sulphur is very good

2	**(2023-24) Lentil** a. Improved and disease resistant variety IPL 316 b. Seed rate@ 45 Kg/ha c. IPM	Suitable for Fallow-pulse farming situation of Tal area and paddy- Pulse-green gram area	Disease resistant	Affordable	Smaller seed size variety feth good market price	Yes	No	Variety is high yielding and disease resistant
3	**(2024-25) Mustard** a. Improved variety (RH725 & RH 761) b. Seed rate @ 5 Kg/ha c. Sulphur @ 20 Kg/ha d. Carbendazim 63%+mancozeb 12% @ 2gm/lit for white rust management e. Imidacloprid17.8%SL@ 1ml/3lit water for aphid management	-	-	-	-	-	-	-

C. Specific Characteristics of Technology and Performance

Crop	Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
2023-24 (Mustard)	Plant Height Yield	219.45 cm 17.19q/ha	Check (Plant height)- 172cm Yield 14.97	Need variety with lower height, good yielding
Lentil	Disease tolerance Yield	Tolerant to rust 15.83 q/ha	Susceptible to rust disease 13.71 q/ha	Small seeded variety of lentil is needed as they fetch higher market price
2024-25 (Mustard)	Plant Height	235.4 cm	Check (Plant height)- 182 cm	Need variety with lower height

D. Extension activities under CFLD conducted:

Sl. No.	Extension Activities organized (2023-24) Mustard	Date and place of activity	Number of farmers attended
1	Training	10.10.2023 (KVK, Patna)	21
2	Training	17.10.2023 (Dhanakdobh, Ghoswari)	32
3	Training	19.10.23 (Kamrapar, Athmalgola)	30
4	Training	07.12.2023 (KVK Patna)	28

5	Field Day	28.2.2024 (Dhanakdobh, Ghoswari)	20
	Extension Activities organized (2023-24) Lentil		
1		20.10.2023 (KVK Patna)	14
2		26.10.2023 (KVK Patna)	12
3		30.10.2023 (KVK Patna)	11
4		23.12.2023 (KVK Patna)	19
5		01.03.2024 (Janardanpur, Fatuah)	08
6		02.03.2024 (Tinpaitola, Athmalola)	10
7		12.03.2024 (Tilhar, Belchhi)	08
Sl. No.	Extension Activities organized (2024-25) Mustard	Date and place of activity	Number of farmer attended
1	Training	16.10.2024	25
2	Training	17.10.2024	20
3	Training	18.10.2024	27
4	Training	20.10.2024	61
5	Training	28.10.2024	50
6	Training	28.10.2024	47
7	Training	29.10.2024	81
8	Training	30.10.2024	34
9	Training	1.11.2024	55
10	Training	2.11.2024	51
11	Training	4.11.2024	49
12	Field Visit	03.01.2025	8
13	Field Visit	13.01.2025	6
14	Training cum Field Visit	17.01.2025	16
15	Training	15-16.01.2025	30
16	Training	27-28.01.2025	30
17	Training	29-30.01.2025	30
18	Training	31-01.02.2025	30
19	Field Visit	07.02.2025	8
20	Field Visit	13.02.2025	6
21	Field Visit	15.02.2025	9
22	Field Visit	17.02.2025	8
23	Field Visit	18.02.2025	6

24	Training	13-15.02.2025	30

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

F. Farmers' training photographs

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

H. Details of budget utilization

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
2023-24 (Mustard)		70	70	162500.0	362506.0	-200006.0
(Lentil)		24	24	-	187370.0	187370.0
2024-25 (Mustard)	i) Critical input	300	300	980625.0	892538.0	
	ii) TA/DA/POL etc. for monitoring					
	iii) Extension Activities (Field Day)				34100.0	
	iv) Publication of literature				14700.0	
	Total	**300**	**300**	**980625.0**	**941338.0**	**39287.0**

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	1	2	1	3	8	23	31	0	0	0	10	24	34
Nursery management	2	20	2	22	10	18	28	0	0	0	30	20	50
Integrated Crop Management	1	19	8	27	2	4	6	0	0	0	21	12	33
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	3	40	7	47	14	0	14	0	0	0	54	7	61
Water management	1	2	17	19	0	6	6	0	0	0	2	23	25
Enterprise development	2	17	0	17	2	7	9	0	0	0	19	7	26
Skill development	2	25	31	56	5	11	16	0	0	0	30	42	72
Yield increment	3	19	28	47	5	29	34	0	0	0	24	57	81
Production of low volume and high value crops	1	5	12	17	1	2	3	0	0	0	6	14	20
Off-season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	5	26	86	112	13	48	61	2	2	4	41	136	177
Export potential vegetables	1	13	0	13	2	0	2	0	0	0	15	0	15
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits													
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	2	12	15	27	2	12	14	0	0	0	14	27	41
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	1	14	2	16	3	1	4	0	0	0	17	3	20
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of	0	0	0	0	0	0	0	0	0	0	0	0	0

orchards													
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology	1	27	2	29	4	0	4	0	0	0	31	2	33
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	11	291	36	327	65	47	112	0	0	0	356	83	439
Soil and Water Conservation	1	33	9	42	8	5	13	0	0	0	41	14	55
Integrated Nutrient Management	6	201	53	254	25	16	41	0	0	0	226	69	295
Production and use of organic inputs	5	358	328	686	127	210	337	0	0	0	485	538	1023
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	2	21	22	43	11	6	17	0	0	0	32	28	60
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	9	0	9	0	0	0	0	0	0	9	0	9

IV. Livestock Production and Management													
Dairy Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry Management	1	0	0	0	2	23	25	0	0	0	2	23	25
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed management	1	27	2	29	4	0	4	0	0	0	31	2	33
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	3	45	49	94	16	14	30	0	0	0	61	63	124
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	1	0	0	0	2	7	9	0	0	0	2	7	9
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	1	70	52	122	55	76	131	0	0	0	125	128	253
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	2	0	0	0	7	50	57	0	0	0	7	50	57
Value addition	3	38	9	47	45	14	59	0	0	0	83	23	106
Income generation activities for empowerment of rural Women	1	13	0	13	2	0	2	0	0	0	15	0	15
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	3	299	297	596	56	135	191	0	0	0	355	432	787
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	2	34	4	38	12	0	12	0	0	0	46	4	50
Use of Plastics in farming practices	1	50	0	50	0	0	0	0	0	0	50	0	50
Production of small tools and implements	1	18	3	21	2	0	2	0	0	0	20	3	23
Repair and maintenance of farm machinery and implements	4	80	38	118	16	2	18	0	0	0	96	40	136
Small scale processing and value addition	1	19	1	20	1	0	1	0	0	0	20	1	21
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	2	36	2	38	4	0	4	0	0	0	40	2	42
VII. Plant Protection													
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Disease	0	0	0	0	0	0	0	0	0	0	0	0	0

Management													
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0

Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)													
TOTAL	**79**	**1883**	**1116**	**2999**	**531**	**766**	**1297**	**2**	**2**	**4**	**2416**	**1884**	**4300**

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	5	80	27	107	15	2	17	0	0	0	95	29	124
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	1	13	10	23	1	6	7	0	0	0	14	16	30
Production of organic inputs	1	18	0	18	7	0	7	0	0	0	25	0	25
Planting material production	1	20	2	22	3	0	3	0	0	0	23	2	25
Vermi-culture	3	62	0	62	10	0	10	0	0	0	72	0	72
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	1	11	1	12	11	2	13	0	0	0	22	3	25
Repair and maintenance of farm machinery and implements	3	51	10	61	6	1	7	0	0	0	57	11	68
Nursery Management of Horticulture crops	2	22	2	24	20	6	26	0	0	0	42	8	50
Training and pruning of orchards	1	16	0	16	2	0	2	0	0	0	18	0	18
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	1	27	0	27	3	0	3	0	0	0	30	0	30
Dairying	2	73	2	75	4	0	4	0	0	0	77	2	79
Sheep and goat rearing	2	27	2	29	14	24	38	0	0	0	41	26	67
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0

Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	2	45	0	45	10	0	10	0	0	0	55	0	55
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**25**	**465**	**56**	**521**	**106**	**41**	**147**	**0**	**0**	**0**	**571**	**97**	**668**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	2	2	33	35	4	29	33	0	0	0	6	62	68
Rejuvenation of old orchards	2	0	41	41	0	13	13	0	0	0	0	54	54
Value addition	2	1	47	48	0	12	12	0	0	0	1	59	60
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	1	0	28	28	0	11	11	0	0	0	0	39	39
Care and maintenance of farm machinery and implements	1	0	28	28	0	11	11	0	0	0	0	39	39
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0

Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**8**	**3**	**177**	**180**	**4**	**76**	**80**	**0**	**0**	**0**	**7**	**253**	**260**

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	2	28	0	28	4	32	36	0	0	0	32	32	64
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	1	46	7	53	0	0	0	0	0	0	46	7	53
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	21	0	21	0	0	0	0	0	0	21	0	21
Water management	2	99	40	139	13	6	19	0	0	0	112	46	158
Enterprise development	1	0	0	0	12	11	23	0	0	0	12	11	23
Skill development	1	17	4	21	0	5	5	0	0	0	17	9	26
Yield increment	1	11	15	26	2	3	5	0	0	0	13	18	31
Production of low volume and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	1	0	10	10	0	2	2	0	0	0	0	12	12
Nursery raising	2	0	32	32	0	39	39	0	0	0	0	71	71
Export potential vegetables	2	8	13	21	11	28	39	0	0	0	19	41	60
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	1	4	22	26	0	8	8	0	0	0	4	30	34
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits													
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	33	0	33	0	0	0	0	0	0	33	0	33
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0

Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	8	179	4	183	54	16	70	0	0	0	233	20	253
Soil and Water Conservation	5	130	10	140	24	6	30	0	0	0	154	16	170
Integrated Nutrient Management	2	59	0	59	16	11	27	0	0	0	75	11	86
Production and use of organic inputs	3	97	0	97	20	0	20	0	0	0	117	0	117
Management of Problematic soils	1	23	0	23	0	0	0	0	0	0	23	0	23
Micro nutrient deficiency in crops	1	12	3	15	2	3	5	0	0	0	14	6	20
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0

Others, if any	2	48	6	54	6	0	6	0	0	0	54	6	60
IV. Livestock Production and Management													
Dairy Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry Management	1	0	0	0	12	11	23	0	0	0	12	11	23
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	36	51	87	4	11	15	0	0	0	40	62	102
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	1	8	13	21	1	3	4	0	0	0	9	16	25
Income generation activities for empowerment of rural Women	2	39	33	72	11	15	26	0	0	0	50	48	98
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	10	304	47	351	70	16	86	0	0	0	374	63	437
Use of Plastics in farming practices	1	40	0	40	4	0	4	0	0	0	44	0	44
Production of small tools and implements	5	125	20	145	19	13	32	0	0	0	144	33	177
Repair and maintenance of farm machinery and implements	5	353	80	433	41	11	52	0	0	0	394	91	485
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	1	12	0	12	2	0	2	0	0	0	14	0	14
Others, if any	4	162	8	170	26	0	26	0	0	0	188	8	196
VII. Plant Protection													
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0

Integrated Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0

Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)													
TOTAL	**70**	**1894**	**418**	**2312**	**354**	**250**	**604**	**0**	**0**	**0**	**2248**	**668**	**2916**

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	1	20	16	36	4	8	12	0	0	0	24	24	48
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	1	14	25	39	2	0	2	0	0	0	16	25	41
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0

Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**2**	**34**	**41**	**75**	**6**	**8**	**14**	**0**	**0**	**0**	**40**	**49**	**89**

F) Extension Personnel including the Sponsored Training Programmes (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	2	283	43	326	35	6	41	0	0	0	318	49	367
Rejuvenation of old orchards	2	1	52	53	0	29	29	0	0	0	1	81	82
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	1	2	35	37	0	3	3	0	0	0	2	38	40
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	6	110	30	140	25	8	33	0	0	0	135	38	173
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	1	2	28	30	0	0	0	0	0	0	2	28	30
Household food security	1	0	0	0	12	11	23	0	0	0	12	11	23
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	1	180	6	186	6	8	14	0	0	0	186	14	200
Gender mainstreaming	0	0	0	0	0	0	0	0	0	0	0	0	0

through SHGs													
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**14**	**578**	**194**	**772**	**78**	**65**	**143**	**0**	**0**	**0**	**656**	**259**	**915**

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	2	28	0	28	4	32	36	0	0	0	32	32	64
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	2	48	8	56	8	23	31	0	0	0	56	31	87
Nursery management	2	20	2	22	10	18	28	0	0	0	30	20	50
Integrated Crop Management	1	19	8	27	2	4	6	0	0	0	21	12	33
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, (IPM)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**7**	**115**	**18**	**133**	**24**	**77**	**101**	**0**	**0**	**0**	**139**	**95**	**234**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	4	61	7	68	14	0	14	0	0	0	75	7	82
Water management	3	101	57	158	13	12	25	0	0	0	114	69	183
Enterprise development	3	17	0	17	14	18	32	0	0	0	31	18	49
Skill development	3	42	35	77	5	16	21	0	0	0	47	51	98
Yield increment	4	30	43	73	7	32	39	0	0	0	37	75	112
Production of low volume and high value crops	1	5	12	17	1	2	3	0	0	0	6	14	20
Off-season vegetables	1	0	10	10	0	2	2	0	0	0	0	12	12
Nursery raising	7	26	118	144	13	87	100	2	2	4	41	207	248
Export potential vegetables	3	21	13	34	13	28	41	0	0	0	34	41	75
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	1	4	22	26	0	8	8	0	0	0	4	30	34
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**30**	**307**	**317**	**624**	**80**	**205**	**285**	**2**	**2**	**4**	**389**	**524**	**913**
b) Fruits													

Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	3	45	15	60	2	12	14	0	0	0	47	27	74
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	1	14	2	16	3	1	4	0	0	0	17	3	20
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (INM)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**4**	**59**	**17**	**76**	**5**	**13**	**18**	**0**	**0**	**0**	**64**	**30**	**94**
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
d) Plantation crops													
Production and Management technology	1	27	2	29	4	0	4	0	0	0	31	2	33
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**1**	**27**	**2**	**29**	**4**	**0**	**4**	**0**	**0**	**0**	**31**	**2**	**33**
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0

Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Grand Total	**35**	**393**	**336**	**729**	**89**	**218**	**307**	**2**	**2**	**4**	**484**	**556**	**1040**
III. Soil Health and Fertility Management													
Soil fertility management	19	470	40	510	119	63	182	0	0	0	589	103	692
Soil and Water Conservation	6	163	19	182	32	11	43	0	0	0	195	30	225
Integrated Nutrient Management	8	260	53	313	41	27	68	0	0	0	301	80	381
Production and use of organic inputs	8	455	328	783	147	210	357	0	0	0	602	538	1140
Management of Problematic soils	1	23	0	23	0	0	0	0	0	0	23	0	23
Micro nutrient deficiency in crops	3	33	25	58	13	9	22	0	0	0	46	34	80
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	3	57	6	63	6	0	6	0	0	0	63	6	69
Total	**48**	**1461**	**471**	**1932**	**358**	**320**	**678**	**0**	**0**	**0**	**1819**	**791**	**2610**
IV. Livestock Production and Management													
Dairy Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry Management	2	0	0	0	14	34	48	0	0	0	14	34	48
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed management	1	27	2	29	4	0	4	0	0	0	31	2	33
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any Goat farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**3**	**27**	**2**	**29**	**18**	**34**	**52**	**0**	**0**	**0**	**45**	**36**	**81**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	3	45	49	94	16	14	30	0	0	0	61	63	124
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	1	0	0	0	2	7	9	0	0	0	2	7	9
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0

Gender mainstreaming through SHGs	3	106	103	209	59	87	146	0	0	0	165	190	355
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	4	46	22	68	46	17	63	0	0	0	92	39	131
Income generation activities for empowerment of rural Women	2	51	17	68	13	8	21	0	0	0	64	25	89
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	3	1	16	17	7	57	64	0	0	0	8	73	81
Others, if any	3	299	297	596	56	135	191	0	0	0	355	432	787
Total	**19**	**548**	**504**	**1052**	**199**	**325**	**524**	**0**	**0**	**0**	**747**	**829**	**1576**
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	12	338	51	389	82	16	98	0	0	0	420	67	487
Use of Plastics in farming practices	2	90	0	90	4	0	4	0	0	0	94	0	94
Production of small tools and implements	6	143	23	166	21	13	34	0	0	0	164	36	200
Repair and maintenance of farm machinery and implements	9	433	118	551	57	13	70	0	0	0	490	131	621
Small scale processing and value addition	1	19	1	20	1	0	1	0	0	0	20	1	21
Post Harvest Technology	1	12	0	12	2	0	2	0	0	0	14	0	14
Others, if any	6	198	10	208	30	0	30	0	0	0	228	10	238
Total	**37**	**1233**	**203**	**1436**	**197**	**42**	**239**	**0**	**0**	**0**	**1430**	**245**	**1675**
VII. Plant Protection													
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0

Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0

Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XI Agro-forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)													
TOTAL	**149**	**3777**	**1534**	**5311**	**885**	**1016**	**1901**	**2**	**2**	**4**	**4664**	**2552**	**7216**

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	5	80	27	107	15	2	17	0	0	0	95	29	124
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	1	13	10	23	1	6	7	0	0	0	14	16	30
Production of organic inputs	1	18	0	18	7	0	7	0	0	0	25	0	25
Planting material production	2	40	18	58	7	8	15	0	0	0	47	26	73
Vermi-culture	3	62	0	62	10	0	10	0	0	0	72	0	72
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	1	14	25	39	2	0	2	0	0	0	16	25	41
Commercial fruit production	1	11	1	12	11	2	13	0	0	0	22	3	25
Repair and maintenance of farm machinery and implements	3	51	10	61	6	1	7	0	0	0	57	11	68
Nursery Management of Horticulture crops	2	22	2	24	20	6	26	0	0	0	42	8	50
Training and pruning of orchards	1	16	0	16	2	0	2	0	0	0	18	0	18
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	1	27	0	27	3	0	3	0	0	0	30	0	30
Dairying	2	73	2	75	4	0	4	0	0	0	77	2	79

Sheep and goat rearing	2	27	2	29	14	24	38	0	0	0	41	26	67
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	1	18	0	18	7	0	7	0	0	0	25	0	25
Others if any (ICT application in agriculture)	1	27	0	27	3	0	3	0	0	0	30	0	30
TOTAL	**27**	**499**	**97**	**596**	**112**	**49**	**161**	**0**	**0**	**0**	**611**	**146**	**757**

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	4	285	76	361	39	35	74	0	0	0	324	111	435
Rejuvenation of old orchards	4	1	93	94	0	42	42	0	0	0	1	135	136
Value addition	2	1	47	48	0	12	12	0	0	0	1	59	60
Protected cultivation technology	1	2	35	37	0	3	3	0	0	0	2	38	40
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	1	0	28	28	0	11	11	0	0	0	0	39	39

Care and maintenance of farm machinery and implements	7	110	58	168	25	19	44	0	0	0	135	77	212
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	1	2	28	30	0	0	0	0	0	0	2	28	30
Household food security	1	0	0	0	12	11	23	0	0	0	12	11	23
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	1	180	6	186	6	8	14	0	0	0	186	14	200
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**22**	**581**	**371**	**952**	**82**	**141**	**223**	**0**	**0**	**0**	**663**	**512**	**1175**

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

Discipline	Client ele	Title of the training programme	Duration in days	Venue (Off / On)	Number of SC/ST			Number of participants (others)			Over all participants
					M	F	T	M	F	T	
Home Science	PF	Water and Energy conservation to make agriculture farming more profitable	1	ON	4	0	4	21	0	21	25
Home Science	PF	Mushroom production technique & Value-added products	1	OFF	1	3	4	8	13	21	25
Home Science	PF	Mushroom production its income and employment generation.	1	ON	2	0	2	13	0	13	15
Home Science	PF	Different demonstration units visit & CRA experimental plots	1	ON	2	6	8	88	38	126	134
Home Science	PF	Importance of poshak vatika for rural woman	1	ON	4	6	10	17	20	37	47
Home Science	PF	Benefits of natural farming for farmers	1	ON	55	76	131	70	52	122	253
Home Science	PF	Training cum Awareness programme on Natural farming for farmers of Patna district	1	ON	50	129	179	190	259	449	628
Home Science	PF	Eradication of Anemia and different disease through green leafy vegetable in daily dirt.	1	OFF	0	7	7	1	16	17	24
Home Science	PF	Prospects of Natural farming	2	ON	12	2	14	26	12	38	52
Home Science	PF	Women and Child care	1	ON	5	27	32	0	0	0	32
Home Science	PF	Water and weed management in Nutri-garden	1	ON	0	6	6	2	17	19	25
Home Science	PF	Malnutrition eradication through poultry rearing.	1	ON	2	7	9	0	0	0	9
Home Science	PF	Livelihood Security through poultry rearing among SC farmers	1	ON	2	23	25	0	0	0	25
Home Science	PF	Formation & management of SHG	1	OFF	4	0	4	34	5	39	43
Home Science	PF	Scientific cultivation of Mushroom	1	OFF	11	8	19	38	17	55	74
Home Science	PF	Preparation of Compost for Button Mushroom	1	ON	4	1	5	15	3	18	23
Home Science	PF	Mushroom Production	1	OFF	0	11	11	2	46	48	59
Home Science	PF	Scientific cultivation of mushroom	1	ON	1	3	4	23	6	29	33
Home Science	PF	Scientific method of seed production.	1	ON	40	10	50	0	0	0	50
Home	RY	Mushroom production	9	ON	2	0	2	18	3	21	23

Science		prospects as entrepreneurs									
Home Science	RY	Dairying farming: A profitable enterprise	4	ON	3	0	3	27	0	27	30
Home Science	RY	Vermicompost production its income and employment generation	3	ON	4	0	4	22	0	22	26
Home Science	RY	Mushroom production technique as a source of income and employment generation	3	ON	7	0	7	18	0	18	25
Home Science	RY	Gardener provide employment generation for rural youth	3	ON	11	2	13	11	1	12	25
Home Science	EF	Poultry rearing for livelihood security for SC woman.	1	OFF	12	11	23	0	0	0	23
Agriculture Engineering											
Agril. Engg.	PF	Use of small tools in mushroom production	1	ON	2	0	2	18	3	21	23
Agril. Engg.	PF	Training on use of Agril. Machines in Agriculture	1	OFF	0	0	0	128	24	152	152
Agril. Engg.	PF	Training on use of Agril. Machines in Agriculture	1	OFF	19	0	19	156	39	195	214
Agril. Engg.	PF	Integrated farming and advantages of Micro Irrigation	1	OFF	4	2	6	23	4	27	33
Agril. Engg.	PF	Water management in wheat	1	OFF	4	0	4	30	0	30	34
Agril. Engg.	PF	Uses of machines in vermicompost production.	1	ON	1	0	1	19	1	20	21
Agril. Engg.	PF	Sowing of green gram by seed drill	1	ON	0	0	0	50	0	50	50
Agril. Engg.	PF	DSR Technique and use of insecticide	1	OFF	1	0	1	20	0	20	21
Agril. Engg.	PF	Different irrigation methods in horticultural garden	1	ON	10	0	10	11	3	14	24
Agril. Engg.	PF	Implements sued for seed bed preparation and fruit plucking	1	ON	11	2	13	10	3	13	26
Agril. Engg.	PF	DSR and cultivation of millets for water conservation	1	OFF	28	2	30	84	8	92	122
Agril. Engg.	PF	DSR and cultivation of millets for water conservation	1	OFF	7	9	16	40	11	51	67
Agril. Engg.	PF	DSR and cultivation of millets for water conservation	1	OFF	10	4	14	47	11	58	72
Agril. Engg.	PF	Direct Seeding of Rice	1	OFF	6	2	8	25	5	30	38
Agril. Engg.	PF	Raised bed planting of maize	1	OFF	4	3	7	14	4	18	25

Agril. Engg.	PF	Water conservation and harvesting for life saving irrigation	1	OFF	2	0	2	20	0	20	22
Agril. Engg.	PF	Micro irrigation on change scenario of climate	1	OFF	3	0	3	32	0	32	35
Agril. Engg.	PF	Sowing of Soyabean on Raised bed.	1	OFF	0	0	0	23	0	23	23
Agril. Engg.	PF	Water management and unportable of field bunding	1	OFF	3	0	3	35	0	35	38
Agril. Engg.	PF	Kisan Vigyanik Milan	1	OFF	9	0	9	42	3	45	54
Agril. Engg.	PF	Importance of micro irrigation in changing climatic condition	1	OFF	6	8	14	36	19	55	69
Agril. Engg.	PF	Weeding in role of weeder	1	OFF	5	0	5	16	0	16	21
Agril. Engg.	PF	Design of shelter in Goatery Farming	1	ON	4	0	4	27	2	29	33
Agril. Engg.	PF	Importance of micro irrigation.	1	OFF	3	0	3	20	2	22	25
Agril. Engg.	PF	Water management in changing scenario of climate.	1	ON	2	0	2	23	1	24	26
Agril. Engg.	PF	Selection of enterprises and its marketing.	1	ON	0	0	0	9	0	9	9
Agril. Engg.	PF	Different raw materials and machinery used in vermicompost production.	1	ON	2	0	2	18	0	18	20
Agril. Engg.	PF	Sowing of wheat by zero till drill	1	OFF	7	4	11	12	9	21	32
Agril. Engg.	PF	Knowledge of different farm machineries	1	ON	0	0	0	33	35	68	68
Agril. Engg.	PF	Different type of sowing machines used for Rabi crop sowing.	1	OFF	4	0	4	40	0	40	44
Agril. Engg.	PF	Different type of sowing machines used for Rabi crop sowing.	1	OFF	2	0	2	10	0	10	12
Agril. Engg.	PF	Different type of sowing machines used for Rabi crop sowing.	1	OFF	2	0	2	12	0	12	14
Agril. Engg.	PF	Use of different type of machine under CRA	1	ON	3	0	3	19	0	19	22
Agril. Engg.	PF	Use of sowing machines in Rabi crop.	1	OFF	12	6	18	30	8	38	56
Agril. Engg.	PF	Use of different machinery of CRM	1	OFF	9	0	9	60	5	65	74
Agril. Engg.	PF	Water management in rabi crops	1	OFF	7	0	7	16	3	19	26
Agril. Engg.	PF	Crop residue management of paddy straw	1	OFF	5	0	5	25	0	25	30
Agril. Engg.	RY	Packaging and	3	ON	3	1	4	12	5	17	21

		marketing of mushroom									
Agril. Engg.	RY	Different type of agriculture machinery.	3	ON	3	0	3	17	3	20	23
Agril. Engg.	RY	Operation & maintenance of different type of agricultural machine	5	ON	0	0	0	22	2	24	24
Agril. Engg.	EF	Establishment and operate custom hiring center	1	OFF	7	0	7	23	6	29	36
Agril. Engg.	EF	Use of inclined plate planter for direct seeding of rice	1	OFF	2	1	3	11	4	15	18
Agril. Engg.	EF	Use and care & maintenance of different farm machinery.	1	OFF	5	2	7	12	4	16	23
Agril. Engg.	EF	Importance and use of micro irrigation system in Agriculture	1	OFF	3	2	5	20	7	27	32
Agril. Engg.	EF	Uses, operation & maintenance of farm machinery	1	OFF	4	1	5	26	5	31	36
Agril. Engg.	EF	Capacity Building	1	ON	0	11	11	0	28	28	39
Agril. Engg.	EF	Uses, care & maintenance of FM	1	OFF	4	2	6	18	4	22	28
Soil Science											
Soil Science	PF	INM in Natural Farming	1	OFF	4	0	4	21	0	21	25
Soil Science	PF	आधुनिक खेती में उर्जा संरक्षण का महत्व	1	ON	8	5	13	33	9	42	55
Soil Science	PF	सरसों मे कीट व्याधि प्रबंधन।	1	OFF	2	3	5	12	3	15	20
Soil Science	PF	रबी फसलों के लिए जलवायु अनुकूल तकनीक	1	ON	2	6	8	88	38	126	134
Soil Science	PF	How to do Natural Farming	1	ON	55	76	131	70	52	122	253
Soil Science	PF	Future Farming-Natural Farming	1	ON	50	129	179	190	259	449	628
Soil Science	PF	Different pillars of Natural Farming & method of preparation of Bio formulation.	2	ON	12	2	14	26	12	38	52
Soil Science	PF	How to do Natural Farming	2	ON	2	3	5	58	2	60	65
Soil Science	PF	Scientific cultivation of Green Gram	1	OFF	12	0	12	48	0	48	60
Soil Science	PF	Importance green gram cultivation in soil fertility management.	1	OFF	6	0	6	44	0	44	50
Soil Science	PF	Importance green gram cultivation in soil fertility management.	1	OFF	8	0	8	42	0	42	50
Soil Science	PF	Importance of Natural farming in Climate	1	OFF	14	0	14	46	0	46	60

		Change Regine.									
Soil Science	PF	Feeding management of Chicks/Poultry	1	OFF	12	11	23	0	0	0	23
Soil Science	PF	Different pillars of Natural Farming and their importance in natural farming	1	ON	4	0	4	13	4	17	21
Soil Science	PF	Polyhouse construction, Maintenance & their use for off season cultivation of vegetable	1	ON			0			0	0
Soil Science	PF	Direct Seeding of Rice	1	OFF	5	0	5	19	0	19	24
Soil Science	PF	Cultivation of maize on raised bed.	1	OFF	5	0	5	12	0	12	17
Soil Science	PF	Scientific cultivation of pigeon pea	1	OFF	2	0	2	19	0	19	21
Soil Science	PF	Nutrient management through crop diversification.	1	OFF	2	0	2	15	0	15	17
Soil Science	PF	Protected cultivation.	1	ON	10	2	12	16	2	18	30
Soil Science	PF	Different grafting technique	1	ON	8	0	8	14	3	17	25
Soil Science	PF	Scientific cultivation of millet	1	OFF	4	0	4	34	5	39	43
Soil Science	PF	Weed management in DSR field	1	OFF	2	0	2	14	1	15	17
Soil Science	PF	Preparation of different component in natural farming	1	OFF	5	0	5	16	0	16	21
Soil Science	PF	Importance of natural farming in changing climate	1	ON	4	1	5	15	3	18	23
Soil Science	PF	Benefits of natural farming component	1	OFF	0	0	0	17	0	17	17
Soil Science	PF	Importance of intercropping	1	OFF	0	0	0	23	0	23	23
Soil Science	PF	Short duration varieties & its role in irrigating drought	1	OFF	3	0	3	35	0	35	38
Soil Science	PF	Use of short duration verities in mitigating drought	1	OFF	4	6	10	16	10	26	36
Soil Science	PF	Importance of drought resistance variety in climate resilient agriculture	1	OFF	7	0	7	48	0	48	55
Soil Science	PF	Importance of inter cropping in drought management.	1	OFF	4	0	4	28	0	28	32
Soil Science	PF	Preparation of different bio formulation for Natural Farming	1	OFF	4	0	4	24	0	24	28
Soil Science	PF	Nutrient management in paddy	1	ON	2	0	2	23	1	24	26
Soil Science	PF	Marketing strategies of	1	ON	0	0	0	9	0	9	9

		pulses									
Soil Science	PF	Paddy cultivation under Natural organic & Chemical farming	1	ON	0	0	0	19	0	19	19
Soil Science	PF	Scientific cultivation of mustard	1	ON	4	0	4	16	0	16	20
Soil Science	PF	Scientific cultivation of mustard	1	ON	5	0	5	22	0	22	27
Soil Science	PF	Scientific cultivation of mustard	1	ON	10	1	11	46	4	50	61
Soil Science	PF	Importance of natural farming in changing climate	1	ON	17	6	23	70	8	78	101
Soil Science	PF	Importance of Sulphur in oilseed production,	1	ON	8	6	14	25	8	33	47
Soil Science	PF	Importance of Sulphur in oilseed production,	1	ON	9	30	39	30	12	42	81
Soil Science	PF	Vermicompost production	1	OFF	2	11	13	13	0	13	26
Soil Science	PF	Scientific cultivation of mustard	1	ON	6	0	6	28	0	28	34
Soil Science	PF	Scientific cultivation of mustard	1	ON	7	6	13	38	4	42	55
Soil Science	PF	Scientific cultivation of mustard	1	ON	8	3	11	39	1	40	51
Soil Science	PF	Importance of Sulphur in mustard cultivation	1	OFF	27	16	43	2	4	6	49
Soil Science	PF	Vermicompost production technique	1	ON	2	0	2	16	0	16	18
Soil Science	PF	Azolla production technique	1	ON	2	4	6	4	6	10	16
Soil Science	PF	Mushroom Cultivation	1	ON	1	4	5	5	20	25	30
Soil Science	RY	Fodder production technique.	4	ON	3	0	3	27	0	27	30
Soil Science	RY	Vermicompost production technique	7	ON	4	0	4	22	0	22	26
Soil Science	RY	Vermicompost Producer	8	ON	2	0	2	18	0	18	20
Soil Science	RY	Milky mushroom production	3	ON	7	0	7	18	0	18	25
Soil Science	RY	Goatery- A profitable enterprises	8	ON	4	0	4	27	2	29	33
Soil Science	EF	Importance of millet cultivation in changing climate.	1	OFF	34	6	40	271	41	312	352
Soil Science	EF	Importance of green manuring in soil nutrient management	1	OFF	1	0	1	12	2	14	15
Soil Science	EF	Operation & maintenance	1	ON	4	18	22	2	5	7	29
Soil Science	EF	Capacity building of jeevika group member	1	ON	0	11	11	0	28	28	39
Soil Science	EF	Natural Farming in change climat in patna	1	OFF	6	8	14	180	6	186	200
Horticulture											
Horticulture	PF	Eradication of	1	ON	4	2	6	17	8	25	31

		malnutrition									
Horticulture	PF	Scientific cultivation of Okra	1	OFF	0	8	8	4	22	26	34
Horticulture	PF	Mushroom cultivation	1	OFF	1	3	4	8	13	21	25
Horticulture	PF	Millete cultivation & IFS	1	OFF	4	0	4	28	0	28	32
Horticulture	PF	Scientific cultivation of Millets	1	OFF	9	6	15	71	40	111	126
Horticulture	PF	Scientific Cultivation of Mushroom	1	ON	2	0	2	13	0	13	15
Horticulture	PF	Mushroom cultivation	1	OFF	10	25	35	0	0	0	35
Horticulture	PF	Nutrition through Nutri-garden	1	ON	4	6	10	17	20	37	47
Horticulture	PF	Malnutrition eradication through establishment of Nutri- Garden	1	ON	1	5	6	8	11	19	25
Horticulture	PF	Preparation of Vegetable nursery	1	ON	5	27	32	0	0	0	32
Horticulture	PF	Management of Nutri Garden	1	ON	0	6	6	2	17	19	25
Horticulture	PF	Maximizing vermicompost in horticulture crop	1	ON	2	0	2	14	1	15	17
Horticulture	PF	Advance in poultry nutrition management.	1	OFF	12	11	23	0	0	0	23
Horticulture	PF	Poultry production management	1	ON	2	7	9	0	0	0	9
Horticulture	PF	Integrated Nutrient management in vegetable plant in summer Season	1	OFF	0	0	0	21	0	21	21
Horticulture	PF	Poultry feeding and quality control	1	ON	2	23	25	0	0	0	25
Horticulture	PF	Elements of Natural farming	1	ON	4	0	4	13	4	17	21
Horticulture	PF	Management of Nutri Garden	1	OFF	0	2	2	0	10	10	12
Horticulture	PF	Scientific cultivation of early cauliflower	1	ON	1	5	6	0	24	24	30
Horticulture	PF	Preparation of Natural Farming component for vegetable crops.	1	ON	8	0	8	13	2	15	23
Horticulture	PF	Nursery management of vegetable	1	OFF	0	7	7	0	32	32	39
Horticulture	PF	Fodder Production	2	ON	4	0	4	27	2	29	33
Horticulture	PF	Nursery management of vegetable	1	OFF	0	32	32	0	0	0	32
Horticulture	PF	Management of Nutri-garden.	1	ON	0	21	21	0	4	4	25
Horticulture	PF	Rejuvenation of old garden & training & pruning of mango orchard	1	ON	3	1	4	14	2	16	20
Horticulture	PF	Mushroom production.	1	OFF	0	5	5	17	4	21	26
Horticulture	PF	Different technology	1	ON	3	10	13	9	43	52	65

		used in horticultural nursery raising.								
Horticulture	PF	Importance of papaya in human diet.	1	ON	0	10	10	0	15	15	25
Horticulture	PF	Production of horticulture crop through natural farming.	1	OFF	0	0	0	33	0	33	33
Horticulture	PF	Importance of green leafy vegetable in human diet.	1	OFF	2	3	5	11	15	26	31
Horticulture	PF	Role of technology and innovation in rural livelihood	1	ON	0	0	0	17	0	17	17
Horticulture	PF	Scientific cultivation of Onion	1	ON	5	0	5	19	0	19	24
Horticulture	PF	Nursery raising technique of vegetable crops.	1	ON	0	4	4	0	11	11	15
Horticulture	PF	Production technology of cabbage, cauliflower and tomato	1	ON	0	8	8	0	24	24	32
Horticulture	PF	Scientific cultivation of Rabi Season	1	ON	1	2	3	5	12	17	20
Horticulture	PF	Production of fruit through natural farming	1	ON	2	2	4	12	0	12	16
Horticulture	RY	Bag Preparation of oyster mushroom	3	ON	7	0	7	18	0	18	25
Horticulture	RY	Garden Keeper	12	ON	10	3	13	11	1	12	25
Horticulture	RY	Garden Keeper	27	ON	10	3	13	11	1	12	25
Horticulture	RY	Mushroom cultivation	3	ON	2	0	2	12	3	15	17
Horticulture	RY	Management of old mango orchard	3	ON	2	0	2	16	0	16	18
Horticulture	RY	Preparation planting material through Air layering.	6	ON	3	0	3	20	2	22	25
Horticulture	RY	Preparation of planting materials through air layering.	3	OFF	4	8	12	20	16	36	48
Horticulture	RY	Low cost protected cultivation of vegetable crops	5	OFF	2	0	2	14	25	39	41
Horticulture	RY	Mushroom Production	5	ON	3	1	4	15	11	26	30
Horticulture	EF	Management of mango orchard	1	OFF	0	25	25	0	33	33	58
Horticulture	EF	Capacity building of Jeevika group member	1	ON	0	11	11	0	28	28	39
Horticulture	EF	Management of Nutri Garden	1	OFF	0	4	4	1	19	20	24
Horticulture	EF	Millet recipes contest	1	ON	0	5	5	0	19	19	24
Horticulture	EF	Production of oyster mushroom	1	ON	0	7	7	1	28	29	36
Horticulture	EF	Rejuvenation of old mango orchard	1	ON	0	2	2	0	13	13	15
Horticulture	EF	Protected cultivation of vegetable crops.	1	OFF	0	3	3	2	35	37	40

Plant Breeding & Genetics											
PBG	PF	Preparation of planting materials through air layering.	1	ON	3	0	3	20	2	22	25
PBG	PF	Weed management in paddy	1	OFF	4	0	4	28	0	28	32
PBG	PF	Goatery: A Profitable enterprise	1	ON	4	0	4	27	2	29	33
PBG	PF	Weed management in Maize	1	OFF	0	32	32	0	0	0	32
PBG	PF	Seed production of lentil & gram	1	OFF	0	0	0	46	7	53	53
PBG	PF	Scientific cultivation of Potato	1	ON	8	23	31	2	1	3	34
PBG	PF	Scientific cultivation of mushroom	1	ON	2	4	6	19	8	27	33
PBG	PF	Propagation & management practice in lemon	1	ON	7	18	25	0	0	0	25
PBG	RY	Mushroom production	6	ON	1	1	2	17	10	27	29
PBG	RY	Scientific cultivation of Rabi crops	5	ON	1	6	7	13	10	23	30
PBG	RY	Dairy farming (Fodder Production)	5	ON	1	0	1	46	2	48	49
PBG	RY	Goat farming (Fodder Production)	5	ON	10	24	34	0	0	0	34
PBG	EF	Capacity building of Jeevika group member	1	ON	0	11	11	0	28	28	39
PBG	EF	Production of fodder crop & activity to be done on be month	1	OFF	0	0	0	2	28	30	30

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Mushroom Production (RPL)	Enterprise Development	Mushroom Grower	10	20	3	23	Production unit	03	03	
Dairy	Enterprise Development	Dairying farming: A profitable enterprise	05	66	14	80	Dairy	12	12	
Vermicompost (RPL)	Enterprise Development	Vermicompost production technique	10	46	0	46	Production unit	09	09	
Gardening (ASCI)	Enterprise Development	Garden Keeper	27	21	4	25	Gardening	07	07	
Goatery	Enterprise Development	Goatery-A profitable enterprises	05	44	12	56	Goatery	17	17	
Gardening	Enterprise Development	Preparation planting material through Air layering.	05	23	2	25	Gardening	05	05	
Mechanization	Enterprise Development	Operation & maintenance of different type of agricultural machine	05	22	2	24	Hiring Centre	04	04	
Mushroom Production	Enterprise Development	Scientific Cultivation of Mushroom	05	50	3	53	Production unit	10	10	
Vegetable Cultivation	Enterprise Development	Low cost protected cultivation of vegetable crops	05	16	25	41	Kitchen Gardening	18	18	
Crop Production	Enterprise Development	Scientific cultivation of Rabi crops	05	14	16	30	Crop Production	16	16	

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

I) Sponsored Training Programmes

Sl.	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsoring Agency
					PF/RY/EF		Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Water and Energy conservation to make agriculture farming more profitable	Water and Energy conservation	Jan-24	1	PF	1	21	4	0	0	0	0	21	4	0	21	BREDA, Patna
2	Training on use of Agril. Machines in Agriculture	Repair and maintenance of farm machinery and implements	Jan-24	1	PF	1	128	0	1	24	0	1	152	0	2	128	ATMA. Patna
3	Training on use of Agril. Machines in Agriculture	Repair and maintenance of farm machinery and implements	Jan-24	1	PF	1	156	19	2	39	0	2	195	19	4	156	ATMA. Patna
4	आधुनिक खेती में उर्जा संरक्षण का महत्व	Soil and Water Conservation	Jan-24	1	PF	1	33	8	3	9	5	3	42	13	6	33	BREDA, Patna
5	Mushroom production technique & Value-added products	Value addition	Feb-24	1	PF	1	8	1	4	13	3	4	21	4	8	8	CRPF Mokama
6	समेकित कृषि प्रणाली एवं सूक्ष्म सिंचाई के लाभ।	Installation and maintenance of micro irrigation systems	Feb-24	1	PF	1	23	4	5	4	2	5	27	6	10	23	ATMA. Patna
7	Mushroom cultivation	Export potential vegetables	Feb-24	1	PF	1	8	1	6	13	3	6	21	4	12	8	
8	Millete cultivation & IFS	Water management	Feb-24	1	PF	1	28	4	7	0	0	7	28	4	14	28	ATMA. Patna
9	Scientific cultivation of Millets	Water management	Feb-24	1	PF	1	71	9	8	40	6	8	111	15	16	71	ATMA. Patna
10	Garden Keeper	Nursery Management of Horticulture crops	May-24	12	RY	1	11	10	9	1	3	9	12	13	18	11	ASCI
11	Gardener provides employment generation for rural youth	Commercial fruit production	May-24	3	RY	1	11	11	10	1	2	10	12	13	20	11	
12	Use and care & maintenance of different farm machinery.	Care and maintenance of farm machinery and implements	Jun-24	1	EF	1	12	5	11	4	2	11	16	7	22	12	

13	DSR and cultivation of millets for water conservation	Installation and maintenance of micro irrigation systems	Jun-24	1	PF	1	84	28	12	8	2	12	92	30	24	84	ATMA. Patna
14	DSR and cultivation of millets for water conservation	Production of small tools and implements	Jun-24	1	PF	1	40	7	13	11	9	13	51	16	26	40	ATMA. Patna
15	Importance and use of micro irrigation system in Agriculture	Care and maintenance of farm machinery and implements	Jun-24	1	EF	1	20	3	14	7	2	14	27	5	28	20	Bihar. Govt
16	DSR and cultivation of millets for water conservation	Installation and maintenance of micro irrigation systems	Jun-24	1	PF	1	47	10	15	11	4	15	58	14	30	47	ATMA. Patna
17	Importance of millet cultivation in changing climate.	Integrated Nutrient Management	Jun-24	1	EF	1	271	34	16	41	6	16	312	40	32	271	BAMETI, Patna
18	Scientific cultivation of millet	Others	Jun-24	1	PF	1	34	4	17	5	0	17	39	4	34	34	ATMA. Patna
19	Gender mainstreaming through SHGs	Gender mainstreaming through SHGs	Jun-24	1	PF	1	34	4	18	5	0	18	39	4	36	34	ATMA. Patna
20	Direct Seeding of Rice	Repair and maintenance of farm machinery and implements	Jul-24	1	PF	1	25	6	20	5	2	20	30	8	40	25	ATMA. Patna
21	Kisan Vigyanik Milan	Others	Jul-24	1	PF	1	42	9	21	3	0	21	45	9	42	42	ATMA. Patna
22	Uses, operation & maintenance of farm machinery	Care and maintenance of farm machinery and implements	Aug-24	1	EF	1	26	4	22	5	1	22	31	5	44	26	BAMETI, Patna
23	Use of sowing machines in Rabi crop.	Repair and maintenance of farm machinery and implements	Nov-24	1	PF	1	30	12	23	8	6	23	38	18	46	30	ATMA. Patna
24	Uses, care & maintenance of FM	Care and maintenance of farm machinery and implements	Nov-24	1	EF	1	18	4	24	4	2	24	22	6	48	18	ATMA. Patna

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	1	71	40	111	80	46	126	1	71	40	111	80	46
Commercial production of vegetables	3	50	2	52	75	7	82	3	50	2	52	75	7
Production and value addition													
Fruit Plants													
Ornamental plants													
Spices crops													
Soil health and fertility management	2	63	17	80	83	28	111	2	63	17	80	83	28
Production of Inputs at site													
Methods of protective cultivation	2	305	46	351	343	52	395	2	305	46	351	343	52
Other	1	18	4	22	22	6	28	1	18	4	22	22	6
Total	**9**	**507**	**109**	**616**	**603**	**139**	**742**	**9**	**507**	**109**	**616**	**603**	**139**
Post harvest technology and value addition													
Processing and value addition	2	16	26	42	18	32	50	2	16	26	42	18	32
Other													
Total	**2**	**16**	**26**	**42**	**18**	**32**	**50**	**2**	**16**	**26**	**42**	**18**	**32**
Farm machinery													
Farm machinery, tools and implements	3	280	58	338	334	69	403	3	280	58	338	334	69
Other	6	256	55	311	282	66	348	6	256	55	311	282	66
Total	**9**	**536**	**113**	**649**	**616**	**135**	**751**	**9**	**536**	**113**	**649**	**616**	**135**
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	1	42	3	45	51	3	54	1	42	3	45	51	3
Drudgery reduction of women	1	25	5	30	31	7	38	1	25	5	30	31	7
Other	1	21	0	21	25	0	25	1	21	0	21	25	0
Total	**3**	**88**	**8**	**96**	**107**	**10**	**117**	**3**	**88**	**8**	**96**	**107**	**10**

Agricultural Extension													
Capacity Building and Group Dynamics	1	34	5	39	38	5	43	1	34	5	39	38	5
Other													
Total	**1**	**34**	**5**	**39**	**38**	**5**	**43**	**1**	**34**	**5**	**39**	**38**	**5**
Grant Total	**24**	**1181**	**261**	**1442**	**1382**	**321**	**1703**	**24**	**1181**	**261**	**1442**	**1382**	**321**

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

Total no of training organized	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	Garden Keeper	Garden Keeper	210	03	01	0	0	18	03	21	04	25	2,14,910.00

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

Total no of training organized	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	Mushroom Grower AGR/Q7803	Mushroom Grower	80	06	04	0	0	14	06	20	10	30	3,87,360.00
01	Vermicompost Producer AGR/Q1203	Vermicompost Producer	80	05	0	0	0	25	0	30	0	30	
01		Vermicompost Producer	80	03	0	0	0	26	01	29	01	30	
01		Vermicompost Producer	80	04	0	0	0	23	03	27	03	30	

3.5. A. ACHEVEMENTS OF EXTENSION/OUTREACH ACTIVITIES

(Including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers					Extension Officials					Total				
		M	F	T	SC (no.)	ST (no.)	M	F	T	SC (no.)	ST (no.)	M	F	T	SC (no.)	ST (no.)
Kisan Mela organized	1	610	201	811	121	0	10	2	12	0	0	620	203	823	121	0
Kisan Mela participated	3	364	189	553	87	21	9	4	13	0	0	373	193	566	87	21
Field Day	2	18	0	18	6	0	3	0	3	0	0	21	0	21	6	0
Kisan Ghosthi	6	61	0	61	29	0	6	0	6	0	0	67	0	67	29	0
Exhibition organized	1	94	16	110	27	5	6	2	8	0	0	100	18	118	27	5
Participation in exhibition	2	209	46	255	0	0	2	0	2	0	0	211	46	257	0	0
Film Show	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Method Demonstrations	2	27	4	31	6	1	0	0	0	0	0	27	4	31	6	1
Farmers Seminar	2	148	52	200	24	0	0	0	0	0	0	148	52	200	24	0
Workshop	2	79	23	102	15	0	0	0	0	0	0	79	23	102	15	0
Group discussion	2	18	4	22	0	0	0	0	0	0	0	18	4	22	0	0
Lectures delivered as resource persons	24	1181	261	1442	1703	261	0	0	0	0	0	1181	261	1442	1703	261
Advisory Services	87	1604	264	1868	186	0	0	0	0	0	0	1604	264	1868	186	0
Scientific visit to farmers field	35	289	41	330	60	0	0	0	0	0	0	289	41	330	60	0
Farmers visit to KVK	115	3400	4107	7507	1324	0	27	11	38	0	0	3427	4118	7545	1324	0
Diagnostic visits	15	88	0	88	10	0	0	0	0	0	0	88	0	88	10	0
Exposure visits	7	652	199	851	220	0	0	0	0	0	0	652	199	851	220	0
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil health Camp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animal Health Camp	2	30	29	59	44	0	0	0	0	0	0	30	29	59	44	0
Agri mobile clinic	2	29	4	33	2	0	0	0	0	0	0	29	4	33	2	0
Soil test campaigns	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mahila Mandals Conveners meetings	1	9	0	9	0	0	0	0	0	0	0	9	0	9	0	0
Special day celebration				0					0			0	0	0	0	0
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi	6	64	75	139	43	0			0			64	75	139	43	0

Sewa																
Celebration of important date																

B. Other Extension/content mobilization activities

Nature of Extension Activity	No. of activities
Newspaper coverage	175
Radio talks	05
TV talks	03
Popular articles published	06
Extension Literature	03
Electronic media	0
Any other	0

C. Technology week celebration (Krishak Swarn Samridhi Saptah)

Type of activities	No. of activities	Number of participants	Related crop/ livestock technology
Krishak Swarn Samridhi Saptah, Mushroom Production technique, Animal Health Camp, Awareness Programme. Exposure Visit, SCSP training programme.	06	224	

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.)	01	06	0	06	08	03	11	14	03	17
World Pulses Day (10 th Feb.)	01	55	0	55	04	0	04	59	04	63
National Science Day (28th Feb.)	01	32	07	39	06	02	08	38	09	47
International Women's Day (8th Mar.)	01	0	37	37	01	03	04	01	40	41
World Earth Day (22nd April)	01	12	0	12	03	01	04	15	01	16
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 Environment Day (05 June)	01	24	14	27	04	02	06	28	16	44
World 'Milk Day	0	0	0	0	0	0	0	0	0	0
International Yoga Day (21st Jun.)	01	03	0	03	08	02	10	11	03	14
Independence Day (15th Aug.)	01	08	0	06	08	03	11	16	03	19
Parthenium Awareness Week	03	24	0	24	06	03	09	30	03	33
Hindi Diwas (14th Sep.)	0	0	0	0	0	0	0	0	0	0
Gandhi Jayanti (2nd Oct.)	01	21	06	27	03	01	04	24	07	31
Mahila Kisan Diwas (15th Oct.)	01	04	47	51	02	03	05	06	30	56
World Food Day (16th Oct.)	01	23	17	40	04	02	06	27	19	46
Vigilance Awareness Week	01	29	10	39	03	02	05	32	12	44
National Unity Day (31st Oct.)	0	0	0	0	0	0	0	0	0	0
World Science Day (10th Nov.)	01	12	0	12	06	01	07	18	01	19
National Education Day (11th Nov.)	01	36	14	51	02	01	03	38	15	53
Fisheries day (21 Nov)	0	0	0	0	0	0	0	0	0	0
National Constitution Day (26th Nov.)	0	0	0	0	0	0	0	0	0	0
World Soil Day (5th Dec.)	0	0	0	0	0	0	0	0	0	0
Kisan Diwas (23rd Dec.)	01	37	11	48	06	02	08	45	13	58

Bihar Aamotsav 2024 (14-16 June)	01	283	15	298	20	12	32	303	27	230

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

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/ Others	Total
1	28.02.2024	Release of the 16th Installment under the PM Kisan Scheme	PM	45	07	0	52
2	18.06.2024	PM Live telecast (Kisan Samman Nidhi)	PM	80	12	0	92
3	11.08.2024	PM Live telecast (Release of 109 varieties)	PM	72	11	0	83
4	15.08.2024	Live Telecast on Nationwide Launch of National Pest Surveillance System (NPSS) by Honourable Agriculture Minister	AM	25	09	0	34
5	05.10.2024	Launch of Various initiatives related to the Agricultural and Animal Husbandry Sector by Hon'ble Prime Minister	PM	78	10	0	88

3.5 B. 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	122.4	6,48,720.00				
Paddy	R. Sweta	157.0	7,37,900.00				
Finger Millet	A-404	7.5	3,375.00				
Barely	DWRB-137	2.5	13,250.00				
Oil seed							
Mustard	RH- 725	14.5	1,84,150.00				
Soyabean	R-1241	0.95					

Pulses							
Lentil	IPL-316	12.2	1,64,700.00				
Chickpea	S. Chana- 1	8.4	1,09,200.00				
Lathyrus	Ratan	1.0	10,000.00				
Moong	Shikha	6.2	1,11,600.00				
Field Pea	IBFD-1012	0.68	6,120.00				
Green Manure							
Commercial crop							
Vegetables							
Potato	UC Map	33.2	1,19,520.00				
Potato	K. Nil Kanth	12.0	43,200.00				
Fodder							
Spices							
Fruits							
Forest crop							
Ornamental/flower							
Medicinal							
Grand Total							

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	S Agrim	2500	1500	12	-	36	48
Cabbage	Hybrid	2500	1500	12	-	36	48
Tomato	Pusa Ruby	2000	1200	12	-	36	48
Brinjal	F1 hybrid 704	2000	1200	12	-	36	48
Chilli							
Onion							
Others							
Commercial seedlings							
Mulberry							
Sugarcane,							
Sweet Potato							
Turmeric							
Zinger							
Others							
Fruits seedlings							

Mango							
Guava	Allahabad Safeda	4000	200000				
Lime	Kagji	1000	50000				
Papaya	Pusa Nanha	200		5	-	15	20
Banana							
Ornamental plants							
Marigold							
Annual chrysanthemum							
Tuberose							
Others							
Medicinal and Aromatic							
Plantation							
Tuber Elephant yams							
Spices							
Grand Total							

D. Forest species

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

E. Fodder crops saplings

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

F. Production of Bio-Products

Name of product	**Quantity (Kg)**	**Value (Rs.)**	**No. of Farmers benefitted**			
			SC	**ST**	**Other**	**Total**
Bio-fertilizers						
Bio-food (Spirulina etc)						
Bio-pesticide						
Bio-agents (Trichocard etc)						
Worms (earthworm, silk worms etc)						
Bio-fungicide						
Others, please specify **Mushroom spawn** **Vermicompost**	816.2 1850	81,620.00 14,800.00				
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							
	Bachur	01	10000				
	Sahiwal	01	55000				
Cows	Sahiwal	01	56000				
Buffaloes							
	BachaurX Gir	01					
	Sahiwal	01					
Calves	Sahiwal	01					
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat	Black Bengal	12	21000				
Other, please specify							
Poultry							
Broilers							
Layers	Kadaknath	100	30000				
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	4000	40000					
Fish fingerlings							
Spawn							
Others (Pl. specify)							
Grand Total							

H. SOIL & WATER TESTING

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

Sl. No	Name of the Equipment	Qty.
1	Spectrophotometer	1
2	pH meter	1
3	Flame photometer	1
4	Electronic balance	1
5	Conductivity meter	1
6	Atomic absorption spectrophotometer	1
7	Glass distillation unit	1
8	Hot plate	1

9	Hot air oven	1
10	Mechanical shaker	1
11	Mrida parikshak Soil testing Kit	1

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
0	11	11

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	11	07	11	1320
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

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	02	0	0	0	0

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

1. Name of Seed Hub Centre:

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

2. Quality Seed Production of Pulses

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				
2024				
2024				

4. Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	
Nursery	
Animal sector	

Mushroom / other enterprises	
Others	

3.6 HUMAN RESOUSES DEVELOPMENT, PUBLICATIONS, AWARDS & RECOGNITION

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

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			

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	Krishak Sandesh	1000	1000
Book chapter published			
Popular articles published			
Success story published			
TOTAL			

C. Details of Extension Publications

Particulars	Details of publication (Title, 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	1 Poshak Aanaj (Prakrit Ka Anmol Uphar) 2. Prakritik Kheti 3. Krishi Drone (Gramin (Kshetro Ke liye Labh Chunautiyan) 4. Mote Aanaj 5. Prakritik Kheti (Margdarshika)	10000 4700 2500 2500 5000	
Technical reports			
News letter	Krishak Samachar	2000	
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
1.	Sri Jayant Prasad	Assistant	Capacity Building programme on Efficient Administration and Financial Management.	20.05.2024	One	BAU, Sabou
2.	Dr. Reeta Singh	Senior Scientist &	National Conference on Utilization of Waterlogged	04.06.2024	One	BPSAC, Purnia

		Head	Ecosystem with Makhana-Aquaculture: Strategies and Challenges.			
3.	Dr. Reeta Singh	Senior Scientist & Head	National Conference on Grassroots Innovation and Innovator in Transforming Agri-food Systems.	31.07.2024	One	BAU, Sabour
4.	Sri Rajeev Kumar	SMS, Soil Science				
5.	Dr. Pushpam Patel	SMS Horticulture				

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	KVK, Patna	1st Prize for Best Stall Exhibition in Kisan Mela organized by KVK Jamui	-	Certificate	KVK, Jamui
02	KVK, Patna	2nd Prize for Best Stall Exhibition in Kisan Mela organized by BAU, Sabour, Bhagalpur	-	Certificate	BAU, Sabour

Award received by KVK Scientists

Sl.	Name of KVK personnel	Name of the Award	Value (In Amount/kind)	Achievement	Conferring Authority
01	Dr, Reeta Singh Senior Scientist & Head	Award Received for Revolving Fund Development	-	Certificate	ICAR-ATARI, Patna
02	Dr, Reeta Singh Senior Scientist & Head	Award received for Revolving Fund for more than One Crore	-	Certificate	BAU, Sabour
03	Dr, Reeta Singh Senior Scientist & Head & Sri Akhilesh Kumar, PA (Computer)	Award received for Maximum Uploading of Activities to Portal	-	Certificate	BAU, Sabour
04	Dr, Reeta Singh Senior Scientist & Head & Sri Akhilesh Kumar, PA (Computer)	3rd Award received for Kisan Sarathi Farmers Registration	-	Certificate	BAU, Sabour

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	KVK, Patna	Anand Murari	Best Farmers	Mokama	9431024995	-	Certificate	BAU, Sabour
02		Sujeet Kumar	Best Farmers	Bihta	7870786805	-	Certificate	ICAR-RCER
03		Pramanand Singh	Best Farmers of Mango	Danapur			Certificate	Raj Bhawan, Patna

			Production					
04		Vikramditya Upadhyay	Best Farmers of Mango Production	Danapur			Certificate	Raj Bhawan, Patna
05		Deepak Kumar	Best Farmers of Mango Production	Danapur	9334131645		Certificate	Raj Bhawan, Patna
06		Harendra Kumar Singh	Best Farmers of Mango Production	Danapur			Certificate	Raj Bhawan, Patna
07		Amarjeet Kumar Sinha	Best Farmers of Mango Production	Danapur	9934713788		Certificate	Raj Bhawan, Patna
08		Smt. Sangeeta Kumari	Best Women Farmers	Athmalgola	9304585220		Certificate	BAU, Sabour
09		Sri Amarjeet Kumar Sinha	Best Innovative Farmers	Danapur	9934713788		Certificate	BAU, Sabour
10		Sri Anand Murari	Best Farmers of Millets Production	Mokama	9431024995		Certificate	BAU, Sabour

3.7. TECHNOLOGY DEVLOPMENT

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

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

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

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

Give details of by the farmer (if Any)

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

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

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

4. IMPACT

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)
Mushroom production	68	48 % of adoption	2000	6000
Goat Farming	118	70 % of adoption	0	16000
Vermicompost Production technique	52	38 % of adoption	6000	8000
Adoption of zero tillage technique	258	36 % of adoption	22000	26000
Adoption of DSR technique	32	19 % of adoption	17300	25000
CRS	Mass	39 % of adoption	-	-
Bio fertilizer in Pulse crop	27000	26 % of adoption	60000	68000

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

****Potato production through Zero Tillage Method under Resource Conservation Technique**

Technological Interventions	Yield (q/ha)	Gross Cost (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs/ha)	B:C Ratio
USI Map+ Convectional	253	119070	303600	1846530	2.55
USI Map+ Zero tillage	287	69090	344400	275310	4.98
Bari Aloo+ Convectional	214	119070	256800	137730	2.16
Bari Aloo+ Zero tillage	238	69090	285600	216510	4.13
K. Pukhraj+ Convectional	207	119070	248400	129330	2.09
K. Pukhraj+ Zero tillage	232	69090	278400	209310	4.03

- ✓ Introduction of Soybean as a climate smart crop diversification option in kharif in CRA village.
- ✓ Demonstration of Zero tillage Potato cultivation for Resource conservation and residue management option.
- ✓ Use of paddy thresher for threshing pigeon pea.

B. Details of entrepreneurship/startup developed by KVK

Entrepreneurship development	
Name of the enterprise	**Mushroom production**
Name & complete address of the entrepreneur	**Sri Ravi Prakash, Vill.-Murtuzapur, Belchi, Patna, Bihar**
Intervention of KVK with quantitative data support:	KVK provide technical support, organized training programme and arranged exposure visit.
Time line of the entrepreneurship	06 year

development	
Technical Components of the Enterprise	Spawn production, Oyster and Button Mushroom Production
Status of entrepreneur before and after the enterprise	The farmer used to get annual income of Rs 3,02,825.00 in 2018-19 but after starting the enterprise he is getting annual income of Rs 6,12,080.00
Present working condition of enterprise in terms of raw materials availability, labor availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Persentley due to Successful running of this enterprise, Mr Ravi Prakash was awarded by ATARI, Patna as an innovative farmer during 2023. Now a days his enterprises is very Popular among farmers of the district and the produced items are fully sold in the market
Horizontal spread of enterprise	Local small mushroom producers get technical support from Mr Prakash and about twenty people get such type of assistance from him.

C. Success stories/Case studies, if any

1. Personal information

1.	Name of the farmer/ entrepreneur: **Vijay Kumar Singh**
2.	Date of Birth : 16.11.1956
3.	Education : B.Sc & LLB
4.	Farming Experience/ Experience in enterprise : 15 years
5.	Cell no./ e-mail : 8789270845
6.	Full address : Village + Post – Kharfar, Fatuah, Patna, Bihar
7.	Professional membership : Member of ATMA (Farmer club/SHG/ATMA/etc.)
8.	Major achievement of the farmers : • Field crop cultivation in 10 acre (paddy, wheat, Barley, Lentil, Chickpea & Mustard • Cultivation of Kala Namak : 2 acre • Mango Orchard 10 acre (Langra variety of Mango) • Fishery 2 acre (rearing of Rohu, Katla & Mrigal in mixed culture) • Cultivation of Jerbera 0.25 acre • Practicing natural farming in 0.5 acre • Last Four years Net Return (Rs) of the farmer: Average growth is 80.09 % from the base year i.e 2020-21 • 2021-21: 311280.0 • 2021-22: 382853.0 • 2022-23: 476391.0 • 2023-24 :560600.0
9.	Awards received
	District level Kisan Shree award during 2022-23

2. Professional Information

1.	Title of the success story: Journey of Prosperity by adopting Integrated farming System
2.	Situation analysis: After doing graduation he tries for govt. job but failed to get job then he tries for income generation in law sector and their also his career did not get secured. After that he entered in parental farming sector and helping his parent in traditional farming. His family engaged in cultivating field crops, pulses, oilseeds, maize and forage crops. After 4 year he visited different agricultural institutes near by Patna and also visited Krishi Vigyan Kendra, Barh for getting information about modern advancement in agriculture. In 2018 he made a pond of 1 acre and started fishery. Later he started dairy farming with 5 cows and

	presently he owns 1 acre of orchard and with govt. support constructed a poly house in which he mainly cultivated Jerbera and get higher return. Presently he is practicing Natural farming in 1 acre. In natural farming plot he is cultivating Kala Namak paddy variety and after their milling he use to sell the Rice @ Rs.120.0/Kg. He also diversifies his farm by including Barley in 2 acre area which is a climate resilient crop.
3.	Training, demonstration of high yielding mustard variety and exposure visit at IFS model of BAU Sabour during Kisan Mela led the farmer to success
4.	Details of Practices followed by the farmer • Field crop cultivation in 10 acre (paddy, wheat, Barley, Lentil, Chickpea & Mustard • Cultivation of Kala Namak : 2 acre • Mango Orchard 10 acre (Langra variety of Mango) • Fishery 2 acre (rearing of Rohu, Katla & Mrigal in mixed culture) • Cultivation of Jerbera 0.25 acre • Practicing natural farming in 1.0 acre 2023-24 :560600.0
5.	Results/ Output (economical/ social/ etc.) • Last Four years Net Return (Rs) of the farmer: Average growth is 80.09 % from the base year i.e 2020-21 • Net Return (Rs)in 2021-21: 311280.0 • Net Return (Rs)in 2021-22: 382853.0 • Net Return (Rs)in 2022-23: 476391.0
6.	Impact: Today he is the role model for other farmer of the village as other farmers of the Fatuah block regularly visited his farm and by getting inspiration from him about 25 farmer adopted integrated farming system in nearby areas.
7.	Future plans: To brought more area under millets, cultivating barley in more area, establishing millet processing plant and sale the produce in Patna
8.	Supporting Images  District level Kisan Shree award  At Mustard field  At paddy Kala Namak Field  Preparing Bioformulation  At Mango orchard  At Kitchen Garden  At Pond  At Pond with fish

1.	Name of the farmer/ entrepreneur: **Deepak Kumar**
2.	Date of Birth : 10.01.1974
3.	Education : B.Sc(Maths)
4.	Farming Experience/ Experience in enterprise : 10 years
5.	Cell no./ e-mail : 9334131645
6.	Full address : Village + Post – Makhdumpur, Bihta, Patna, Bihar
7.	Professional membership : Member of ATMA (Farmer club/SHG/ATMA/etc.)
8.	Major achievement of the farmers : • Field crop cultivation in 30 acre (paddy, wheat, Barley, Lentil, Chickpea & Mustard • Mango Orchard 2.5 acre (Langra variety of Mango) • Fishery 2 acre (rearing of Rohu, Katla & Mrigal in mixed culture) • Last Four years Net Return (Rs) of the farmer : • 2020-21 : 1371551.00 • 2021-22 : 1611088.00 • 2022-23 : 1871465.00 • 2023-24 : 2662125.00
9.	Awards received
	-

Professional Information

1.	Title of the success story: **Journey of Prosperity by Seed Production and Mechanization**
2.	Situation analysis: After doing graduation he Mr Deepak was working in Bank but he was not satisfied with his job. He left the job and involved himself in Agriculture. His family engaged in cultivating field crops, pulses, oilseeds, maize and forage crops. After 4 year he visited different agricultural institutes nearby Patna and also visited Krishi Vigyan Kendra, Barh for getting information about modern advancement in agriculture. In 2019 he made a pond of 2 acre and started fishery. For the development of agriculture, he purchased different farm machineries and used the machineries for self-use as well as provided the machineries to other farmers on hiring basis. He also diversified his farm by including Barley in 2acre area which is a climate resilient crop. He is working on crop residue management. With the help of straw reaper the left over residue in the field after harvest is utilized and managed. He also uses Head feed Harvester for harvesting of paddy and wheat. Farmers of adjoining area also uses the machines on hiring basis.
3.	Training, demonstration of different farm machineries in Agro Bihar at Patna and visit at IFS model of BAU Sabour during Kisan Mela led the farmer to success.
4.	Details of Practices followed by the farmer • Field crop cultivation in 30 acre (paddy, wheat, Barley, Lentil, Chickpea & Mustard • Mango Orchard 2.5 acre (Langra variety of Mango) • Fishery 2 acre (rearing of Rohu, Katla & Mrigal) • Custom Hiring Different farm Machineries
5.	Results/ Output (economical/ social/ etc.) Last Four years Net Return (Rs) of the farmer: • 2020-21 : 1371551.00 • 2021-22 : 1611088.00

	• 2022-23 : 1871465.00 • 2023-24 : 2662125.00
6.	Impact: Today he is the role model for other farmer of the village as other farmers of the Bihta block regularly visited his farm and by getting inspiration from him about 30 farmer uses different machineries on hiring basis for mechanization and better productivity.
7.	Future plans: To cultivate barley in more area, establishing large scale custom hiring center.

Straw Reaper

Head feed harvester

Tomato Cultivation

Potato Cultivation

Success stories/Case studies, if any

1.0 Personal information

1.	**Name of the farmer/ entrepreneur**: **Kumari Sangita**
2.	**Date of Birth:** 05/11/1976
3.	**Education:** Intermediate
4.	**Farming Experience/ Experience in enterprise:** 10 years
5.	**Cell no./ e-mail:** 9304585220
6.	**Full address:** Vill- Fulelpur, Post-Athmalgola , Block- Athmalgola, Dist- Patna, Pin- 803211, State- Bihar
7.	**Professional membership:** Member of SHG (working as community mobiliser) (Farmer club/SHG/ATMA/etc.)
8.	• **Major achievement of the farmers**: Field crop cultivation in 7-acre land (paddy, wheat, maize, jowar, bajra, ragi, soybean, Lentil, Chickpea & Mustard. vegetable crop cultivation in approx. 1 acre land (lady's finer, potato, onion, garlic and chilli) • Mushroom producer: oyster mushroom (20 bags approx.) • Horticultural crops: Guava, mango, kagji lemon and sapota • Poultry farming: 2 desi cow • Working under Climate resilient agriculture • Last Four years Net Return (Rs) of the farmer: Average growth is 58.21 % from the base year i.e., 2020-21 • 2020-21: Rs159976.0 • 2021-22: Rs166588.0 • 2022-23: Rs199971.0 • 2023-24: Rs253104.0
9.	Awards received: By Jeevika for good work in health and nutrition. Achieved certificate of appreciation by Jeevika for her dedication, passion and hard work. Felicitated by BAU, Sabour for innovative farming.

2.0 Professional Information

1.	**Title of the success story/case study** Journey from homemaker to Agri maker
2.	**Situation analysis/Problem statement (What prompted this initiative? What was the problem that needed to be addressed?)** She faced financial instability in her personal life as well as in farming. She was in hand to mouth situation and was not having any savings even. She was badly trapped into debt after her first daughters' marriage and realised that she needs to work herself and get engaged in agriculture and not just dependent on labourer for farming. As her husband was engaged as labourer in NTPC, Barh there was no other male members in the family to take care of farms. These situations made her realized to get involved in farming. Moreover, she gets engaged with Jeevika and made her great contribution to it and was given the post of community mobiliser by Jeevika.
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)**

	She got connected with KVK, Barh Patna since 2019 when she visited kisan mela organised at KVK from where she learnt about new technologies and varieties. Moreover, she received training of mushroom from KVK and further her involvement with KVK increased. This all led to her success.
4.	• **Major achievement of the farmers**: She is doing field crop cultivation in 7-acre land (paddy, wheat, maize, jowar, bajra, ragi, soybean, Lentil, Chickpea & Mustard). She is also involved in vegetable crop cultivation in approx. 1 acre land (lady's finger, potato, onion, garlic and chilly) Mushroom producer: oyster mushroom (20 bags approx.) and Horticultural crops: Guava, mango, kagji lemon and sapota. • Poultry farming: 2 desi cow • Working under Climate resilient agriculture • Potato cultivation by straw mulching method.
5.	**Results/ Output (economical/ social/ etc.)** **(Key results/ Insight/ Interesting fact- initial, intermediate, or long-term outcome)** • Last Four years Net Return (Rs) of the farmer: Average growth is 58.21 % from the base year i.e., 2020-21 • 2020-21: Rs159976.0 • 2021-22: Rs166588.0 • 2022-23: Rs199971.0 • 2023-24: Rs253104.0
6.	**Impact/ Outcome: (Determine the HIGHEST level of impact the program had on individuals, families, groups and/or society- Provide a short summary of the actual change (on knowledge, attitude, skills, practice, or policy) that took place. Provide quantitative measures, where possible and use simple graphs or tables to illustrate a point.)** ***(50–100 words)*** Today she is the role model for other farmer in the village and has influenced other farmers to get connected with KVK and experience remarkable changes in their life style by adopting new technology provided time to time by KVK. She has approx. 200 women under her in Jeevika as she is holding the post of community mobilizer. Other farmers of the Athmalgola block also regularly visited her farm and by getting inspired by her.
7.	**Future plans** To bring more area under cereals, millets & vegetable crops. She has taken land on lease from other farmers to expand her farming area. she has also made her initiation to work on IFS model.
8.	   

Economic Information

Enterprise	Gross Income (annual)	Net income	Cost-Benefit ratio
Cereal crops	259286.5	149124.20	2.1
Vegetable crops	120187.5	82125	2.9
Horticultural crops	9830	3730	1.7
Dairy	82125	16525	1.25
Mushroom	3400	1600	1.89

Personal information

1.	Name of the farmer/ entrepreneur	: **Purushotam Patel**
2.	Date of Birth	: 10/09/1989
3.	Education	: MBA
4.	Farming Experience/ Experience in enterprise	: 10 years
5.	Cell no./ e-mail	: 7004221898/ purupatel01@gmail.com
6.	Full address:	:Vill- Sarkatthi, Post- Atnawan, Block- Barh, Dist- Patna, Pin- 803213, State- Bihar
7.	Professional membership (Farmer club/SHG/ATMA/etc.)	: FPO
8.	Major achievement of the farmers: • Field crop cultivation in 6.25 hectare (paddy, wheat, Lentil, Chickpea, Coriender, Mustard & Moong • Protected Cultivation (Shed Net House) : 1 acre (Seedless Cucumber, Tomato, Capsicum and Strawberry) • Fishery: 2.5 acre (Rearing of Rohu, Catla, Mrigal, Common Carp, Silver Carp, Grass Carp)	
9.	Awards received: By Jahanabad D.M. in the Field of Black Rice production	

Professional Information

1	Title of the success story/case study : "Grow Smart, Harvest More"
2	Situation analysis/Problem statement (What prompted this initiative? What was the problem that needed to be addressed?): After doing MBA, he tries for govt. job but he failed to get job and he found also that his career not secured then he tries for income generation in agriculture business sector. After that he entered in farming sector and visited in different platform or institutes of agriculture sector and Krishi Vigyan Kendra also. After getting information from all these institutes he came to Krishi Vigyan Kendra, Patna and got knowledge regarding protected cultivation and also in different field of agriculture and allied sectors and also he took training. • He established a shade net house on one acre of land. They have been cultivating various types of vegetables organically, including tomatoes, cucumbers, and cabbage. At present, they are growing capsicum, strawberries, and seedless cucumbers.

	• They have adopted crop diversification, growing paddy, wheat, chickpeas, lentils, mustard, and moong (green gram). • They have also formed a farmer organization named Sarvi Agro Farmer Producer Company. • They facilitate the sale of crops and horticultural produce grown on their own and neighbouring farmers' fields through market linkages. • They also motivate farmers in nearby areas to adopt advanced agricultural technologies for better productivity and profitability.
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, demonstration of high yielding variety of different horticultural and agricultural crops and exposure visit in KVK and also at IFS model of BAU Sabour during Kisan Mela led the farmer to success.
4	Details of Practices followed by the farmer • Field crop cultivation in 6.25 hectare (paddy, wheat, Lentil, Chickpea, Coriender, Mustard & Moong • Protected Cultivation (Shed Net House) : 1 acre (Seedless Cucumber, Tomato, Strawberry) • Fishery : 2.5 acre (rearing of Rohu, Catla, Mrigal, Common Carp, Silver Carp, Grass Carp)
5	Results/ Output (economical/ social/ etc.) (Key results/ Insight/ Interesting fact- initial, intermediate, or long-term outcome) • Last Four years Net Return (Rs) of the farmer: • Net Return (Rs)in 2020-21: 314250 • Net Return (Rs)in 2021-22: 425150 • Net Return (Rs)in 2022-23: 648370 • Net Return (Rs)in 2023-24: 845939
6	Impact/ Outcome: (Determine the highest level of impact the program had on individuals, families, groups and/or society- Provide a short summary of the actual change (on knowledge, attitude, skills, practice, or policy) that took place. Provide quantitative measures, where possible and use simple graphs or tables to illustrate a point.) *(50–100 words)* (a) Mr. Patel started cultivating black rice in his village and encouraged fellow villagers to grow it by highlighting its health benefits among the people. (b) He gained knowledge about shade net farming through Krishi Vigyan Kendra, Barh, Patna, and increased his income by scientifically producing seasonal vegetables. He also motivated people in the surrounding areas to cultivate vegetables using shade net technology.
7	Future plans To brought more area under Protected cultivation, implementation of high yielding varieties and provide marketing platform for produce in Patna
8	Supporting Images



5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
1. ICAR Complex for East region, Patna	Technical knowhow of water saving technology for different crop.
2. Agricultural Technology Management Agency (ATMA) Patna	To Conduct training and demonstration in the farmer's field.
3. District Agricultural Office, Patna	Technical feedback, Human Resource development & transfer of technology.
4. District Horticulture Office, Patna	Technical feedback, Human Resource development & transfer of technology.
5. District Fisheries Office, Patna	Technical feedback, Human Resource development & transfer of technology.
6. District Animal Husbandry office, Patna	Technical feedback on dairy development
7. Bihar Agricultural Management Extension Training Institute (BAMETI), Patna	Technical feedback, Human Resource development transfer of technology.
8. JEEVIKA, PATNA and other NGOs of the district	Capacity building of farmers, farmwomen and rural youth for income generation.
9. Other KVKs of the state	Seed & planting material, training and exposure visit of farmer.
10. Sri ram fertilizer & chemical limited, Patna	Technical knowhow of fertilizer management for different crop.
11. NABARD	Creating Awareness on Agriculture among farmers and formation of Kisan club
12. BSDM, Patna	Skill Development Training
13 ASCI, New Delhi	Skill Development Training
14 SMART	COVID-19 Awareness Programme
15 BASU, Patna	Animal Health Camp & Training programme
16 BREDA, Patna	Training & Awareness
17. NIAM Jaipur	Training & Awareness
18. CIAE, Bhopal	Training on value added product of Soybean
19. SMART, New Delhi	TB Awareness program through CRS

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)

S N	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	Dairy	2023	18	Bachur Sahiwal	Milk	2721.8 lt		1,25,202.0	
2	Mushroom Spawn	2009	18	Oyster	Spawn	816.2 kg.		81,620.00	
3	Vermicompost	2019	30	-	Vermicompost	18.5 q.		14800	
4	Goatery	2023	24	Black Bengal	Memna				
5	Poultry	2023	24	Kadaknath	Egg/ bird				
6	Fishery	2017	324	Mix	Fish				
7	Mushroom	2017	20	Oyster & Button	Oyster & Button				
8	Azolla	2022	03	Azolla	Azolla				-
7	Natural farming	2022	4000	Paddy	Paddy				-
8	Nursery	2024	20	Guava, Lemon	Plants	10 74		500.00 3700.00	
	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.	March		HD-2967		122.4		6,48,720.00	
Paddy	July	November		R. Sweta		157.0		7,37,900.00	
Finger Millet	July	September		A-404		7.5		3,375.00	
Barely	Nov.	March		DWRB-137		2.5		13,250.00	
Mustard	Oct	February		RH-725		14.5		1,84,150.00	
Soyabean	May	November		P-1241		0.95			
Lentil	Oct	March		IPL-316		12.2		1,64,700.00	
Chickpea	Oct	March		S. Chana-1		8.4		1,09,200.00	
Lathyrus				Ratan		1.0		10,000.00	
Moong	April	June		Shikha		6.2		1,11,600.00	
Field Pea	Oct.	March		IPFD-10-12		0.68		6,120.00	
Potato	Oct	February		Yushi Map		33.2		1,19,520.00	
Potato	Oct.	February		K. NilKanth		12.0		43.200.00	

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermicompost	1850		14800.0	Used in Natural Farming at KVK Farm

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.	Dairy		Milk	2721.8 kg.		1,25,202.0	
2.							
3.							

6.5. Performance of Automatic Weather Station in KVK

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

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

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Main Account	State Bank of India	Barh	11238950202
Main Account	Axis Bank	Barh	920010010437977
Revolving Fund	State Bank of India	Barh	11238952459

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Mustard		9,80,625.00		9,41,338.00	39,287.00

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

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

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	1,38,70,671.00	1,38,70,671.00	1,38,70,671.00
2	Traveling allowances	1,00,000.00	35,257.00	64,473.00
3				Contingencies
A	Stationery, Telephone, Postage and other office charge, POL, Repair of vehicle, Tractor and equipment	434000	434000	403014
B	Training of Farmer	271000	271000	26200
C	Training Material (Poster Chat, demonstration material including chemical etc. required for conducting the training)			23431
D	Training of Extension Functionaries			8000
E	Training of Rural Youth			88940
F	Front line demonstration other then Pulse and	120000	120000	86300

	Oilseed			
G	On-Farm Testing (on need based, location specific and newly generated information in the major production system of the year)	65000	65000	38822
H	Extension activities/Kisan Mela	40000	40000	31943
I	HRD	25000	25000	14000
J	Maintenance of Building	30000	30000	17156
TOTAL (A)		985000.00	985000.00	773333
B. Non-Recurring Contingencies				
1		120000	96000	96000
2				
3				
4				
TOTAL (B)		120000	96000	96000
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2022	5591536.05	3215524.0	1829854.00	6977206.05
2023	6977206.05	3119758.0	1300498.0	8796466.05
2025	9672606.55	2487814.00	1253505.00	10906915.55

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	Both
Kisan Vaigyanik Milan Samaroh	02	Kharif and Rabi	✓	✓	
Scientist Visit to Farmers field	12	Kharif, Rabi & Summer	✓	✓	
Crop Cutting	04	Kharif and Rabi	✓	✓	

7.8 Revenue generation

Sl. No.	Name of Head	Income (Rs.)	Sponsoring agency
1	Sale of Straw	1,05,600.00	
2	Sale of Marua seed	10,140.00	
3	Cock Sale	30,650.00	
4	Sale of Fish	2,625.00	
5	2nd Edition of Poshan Vatika Book	87,500.00	
6	Sale of Paddy Seed	3,93,618.00	
7	Sale of Spawn	17,540.00	
8	Soil Testing	4,24,720.00	
9	Sale of News Paper	2,380.00	
10	Sale of Onion	6,624.00	
11	Sale of Potato	10,800.00	
12	Sale of Vegetable	1,290.00	

Sl. No.	Name of Head	Income (Rs.)	Sponsoring agency
13	Sale of Mango Plant	15,600.00	
14	Sale of Guava Plant	250.00	
15	Guava Auction	5,000.00	
16	Sale of Non-Seed	5,22,700.00	
17	Sale of Rai Seed	1,30,440.00	
18	Sale of Lentil Seed	2,05,000.00	
19	Sale of Chick-Pea Seed	90,200.00	
20	Sale of Wheat Seed	6,86,280.00	
21	Sale of Potato Seed	51,120.00	
22	Sale of Lathyrus Seed	8,400.00	
23	Sale of Field-Pea Seed	800.00	
24	Sale of Mushroom Fruit	4,366.00	
25	Sale of Egg	1,890.00	
26	Sale of Vermicompost	156.00	
27	Sale of Linseed Seed	1,620.00	
28	Sale of Ragi Seed	810.00	
29	Milk	47,538.00	
30	Sale of Moong Seed	3,06,000.00	
31	Sale of Straw	1,05,600.00	
	Total	**31,71,657.00**	

7.9 Resource Generation

Sl. No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1			Kisan Ghar / Training Hall	1,06,000.00	
2			Bank Interest	5,22,613.00	
3			CRS SMART New Delhi	29,400.00	
4			CRS Vermmillion Communication Pvt. Ltd.	48,620.00	
5			CRS - Hindustan Urvarak & Rasayan Ltd.	2,40,000.00	
6			CRS - Natural Farming	1,20,000.00	
			Total	**10,66,633.00**	

8. MISCELLANEOUS INFORMATION

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
False smut	Paddy	Mid-September			
Aphid	Mustard	Jan- Feb			
Fruit borer	Chick pea	February			
wilting	Lentil	November			

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	

8.6 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 (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchay at	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc	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	79	46	50610	79

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)
15.03.2024	Dr. D. R. Singh Vice Chancellor, BAU, Sabour		
15.03.2024	Dr. R. K. Sohane, DEE BAU, Sabour		
14.03.2024	Dr. Randheer Kumar, RD, ARI, Patna		

8.10 Details of Scientific Advisory Committee (SAC) Meetings

Date	No of participants	Total statutory members present	Salient recommendations	Action Taken	If not, State reason

		(sate line department)			

**Salient recommendations of SAC in bullet points*

Details of other meeting related to ATARI

Date	**Type of Meeting**	**Agenda**	**Representative from ATARI**
10.01.2024	Review Meeting	Financial Review Meeting	Director ATARI
24.01.2024	Review Meeting	Review Meeting of Budget Utilization	Director ATARI
27.02.2024	Review Meeting	Financial Review Meeting	Director ATARI
11.03.2024	Review Meeting	Financial Review Meeting	Director ATARI
27.03.2024	Review Meeting	Financial Review Meeting	Director ATARI
12.04.2024	Meeting	Ecoregional Progrmme	Director ATARI
16.04.2024	Review Meeting	Viksit Bharat	Director ATARI
02.05.2024	Lecture	Viksit Bharat (Horticulture)	
03.05.2024	Lecture	Viksit Bharat (Fisheries Science)	
01.07.2024	Review Meeting	Preparation of 100 days Action Plan	Director ATARI
18.07.2024	Orientation Programm	Orientation of KVKs to support of MDA Campaign	Pr. Sc. ATARI
14.08.2024	Review Meeting	100 days Action plan	Director ATARI
19.08.2024	Meeting	Celebration of ICAR-ATARI Patna foundation day function at KVK	Director ATARI
29.08.2024	Review Meeting	Review meeting of Annual Zonal Workshop of ATARI, Patna	Director ATARI
20.09.2024	Programme	Centenary celebration of ICAR-NISA	
12.09.2024	Meeting	Online meeting of CFLD-Pulses & Oilseed reporting.	Director ATARI
13.09.2024	Review Meeting	Sawachhta hi Sewa	Director ATARI
17.09.2024	Review Meeting	Sawachhta pledge	Director ATARI
03.10.2024	Review Meeting	100 days Action plan	Director ATARI
21.10.2024	Review Meeting	Review meeting for ATARI, AAMS	Director ATARI
12.11.2024	Review Meeting	CFLD oilseed and pulses project implementation & fund utilization.	Director ATARI & Pr. Sc. ATARI
21.11.2024	Review Meeting	Kisan Sarathi	

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

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

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

a. MEP Programme 2024

No. of Nutri smart village developed	Total Area covered	Total No. of FLD organized	No. of training/capacity development programme	Total No. of farmers/ beneficiaries	No of Extension programmes/	
					Health Camp	Field Viist
01	3000m^2	08	11	290	02/106	08/60

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 programmes organized (Swachh 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	09	240
b.	Women	02	90
c.	Rural Youths	01	33
d.	Extension Personnel	01	58
2)	OFT	No. of OFTs	No. of beneficiaries
3)	FLD	No. of FLDs	No. of beneficiaries
		08	203
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		55	55
5)	Other activities		
a.	Participants in extension activities (No.)	58	
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)	-	
FTSP	Testing of Soil, water, plant, manures samples (Nos.)	-	

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)

Name of KVK	NRM		Crop production			Livestock & Fisheries		Capacity Building		Extension Activities	
	Demo	Area (ha)	Demo	Area (ha)	Demo	Area (ha)	No. of animals	No of Courses	Farmers	No. of programmes	Farmers
Zone IV											

Performances of demonstration of in-situ moisture conservation 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

Performance of ZTD in various 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

Performance of artificial ground water recharge technologies demonstrated

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

Performance of different water saving irrigation methods

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

Rainwater harvesting structures developed

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

Performance of different drought tolerant varieties

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

						Cost	Return	

Performance of different short duration rice varieties

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

Performance of different flood tolerant varieties

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

Performance of advancement of planting dates in different crops

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 saving technologies for rice cultivation

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

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

Performance of Community nurseries

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

Performance of different crop diversification in NICRA villages

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

Performance of other demonstration

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

Performance of different fodder demonstration in community lands

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

Performance of improved fodder

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

Performance of various vaccination camps organized

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					

Performance of fish in the ponds/ water bodies

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

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

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

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

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

Performance of livestock demonstration in NICRA adopted villages (poultry)

FST type	Birds / season (variety/breed)	Technology demonstrated	No. of farmers	No. of birds/ unit	Body wt. (Kg / bird)	Economics of demonstration (Rs/ha)		
						Gross Cost	Net Return	BCR

Performance of improved shelters for poultry and dairy animals

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

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

Extension Activities

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

Soil Health Card prepared and distributed

KVK	No. of soil samples collected	No. of samples analyzed	SHC issued	No. of farmers benefitted

Convergence Program

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

Dignitaries visited NICRA Villages

Name of KVK	Name of VIPs/Experts	Date of visit

Newspaper Coverage

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

Success Stories (1-2 nos.)

Name of PI & Co-PI List

Name of KVK	Name of PI	Name Of Co PI

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 registered as 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	Patna	23	22										

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
1	Naubatpur Bikaram Farmers Producer Company LTD, Bikaram	Bikaram	2018-19 U01110BR2018PTC040015	Paddy & wheat production and marketing	Wheat	110			
2	Tal Farmers Producer Company LTD, Mokama	Mokama	2019-20 U01100BR2019PTC041566	Production & marketing of lentil, pea and chickpea	Pulse	215			
3	Grow & Know Krishi Fed Producer company LTD, Bakhtiyarpur	Bakhtiyarpur	2022-23 U01114BR2023PTC062521	Production & marketing of Mustard	Lentil	120			
4	Dulhinbazar Krishi Fed Producer Company LTD, Dulhinbazar	Dulhinbazar	2022-23 U10613BR2023PTC062072	Paddy & wheat production and marketing	Lentil	150			
5	Patligram Krishi Fed Producer Company LTD, Bikaram	Bikaram	2022-23 U46692BR2023PTC062079	Paddy & wheat production and marketing	Lentil	200			
6	Parvatmala Krishi Fed Producer Company LTD, Mokama	Mokama	2022-23 U10613BR2023PTC062940	Production & marketing of lentil, pea and chickpea	Lentil	300			

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

a. Overall achievement

No. of Nutri smart village developed	Total Area covered	Total No of OFT organized	Total No. of FLD organized	No. of training/capacity development programme	Total No. of farmers/ beneficiaries	No of Extension programmes	Total No. of farmers/ beneficiaries
02	6000m^2		04	11	254	10	85

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	6000m^2	
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.	Kamrapar, Athmalgola Agwanpur, Barh	Backyard/Kitchen Garden	60	6000m^2	60
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

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

Kamrapar, Athmalgola Agwanpur, Barh				

f. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Kamrapar, Athmalgola	Yield increment Production and Management technology Cultivation of fruit Integrated Nutrient Management Water management	11	254
Agwanpur, Barh	Yield increment Production and Management technology Cultivation of fruit Integrated Nutrient Management Water management		

g. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
Kamrapar, Athmalgola	Field Visit Field Day	10	85
Agwanpur, Barh			

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 entrepreneurial 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 entrepreneurial 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		**Patna**	
Agro Climatic Zone of Village/KVK		**IIIB**	
Farming Situation of the Selected Farmer/KVK		**Latitude (N)**	**Longitude (E)**
		25.453957	85.721352

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
Patna	Training	05	110	70	09	23			102	4	1	3			8
Patna	Awareness	02	132	80	13	14			107	14	5	6			25
Patna	Demonstration	20	20	10	8	2			20						
Patna	Other activities														

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	
Important components of Natural farming	18.5.2024	KVK, Patna	10	2	5	0	0	17	2	1	1			4	21	
Different components of natural farming & their uses	9.07.2024	Chakjalal, Pandarak	14	1	6	0	0	21	0	0	0	0	0	0	21	
Benefits of natural farming	11.07.2024	KVK, Patna	15	4	2	0	0	21	1	1	0	0	0	2	23	
Soil conservation by Natural farming	15.07.2024	Mokama	12	1	3	0	0	17	0	0	0	0	0	0	17	
Preparation of different bio formulation and how to do natural farming	31.08.2024	Chaknawada, Barh	19	2	7	0	0	28	0	0	0	0	0	0	28	

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 programme on natural farming	31.08.2024	Banka Ghat, Fatuha	24	4	3	0	0	31	0	0	0	0	0	0	31	
Awareness programme on natural farming	21.10.2024	KVK, Patna	56	9	11	0	0	76	14	5	6	0	0	25	101	

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 Demonstration 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)
Patna	4	15	120	20	20	8	Farmer practicing in smaller area

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date		
Name of State	Bihar	
Name of KVK/Farmer where demonstration conducted	KVK Patna	
Address of Farmer with contact detail	Chandrika Prasad Anantpur, Naubatpur Mob:9631172632	
Agro Climatic Zone of KVK/Village of farmer	Zone IIIB	
Cropping pattern of KVK plot/ Farmer plot	**Paddy- Lentil - Sesbania**	
Farming Situation of the Selected KVK/Farmer	**Latitude (N)**	**Longitude (E)**

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
Chandrika Prasad Anantpur, Naubatpur Mob:9631172632	Paddy Lentil Sesbania	R Sweta IPL 316 Local	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -	0.2 0.2 0.2	Application of chemical fertilizer & pesticide in other plot	Plant height (cm)		
							Other relevant parameter		
			Kharif Rabi Summer				Yield (q/ha)	52.4 14.2 Green manure	34.6 8.2 Green manure
			Kharif Rabi Summer				Cost of cultivation (Rs/ha)	44200 30400 5200	40400 28500 5200
			Kharif Rabi Summer				Gross Return (Rs/ha)	35131.8 24185.0	11438.0 52685.0
			Kharif Rabi Summer				Net Return (Rs/ha)	70189.2 22285.0	70189.2 22285.0
							B:C Ratio	1.73 2.58	1.84 1.86
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (ds/m)	0.16 0.18 0.19	0.12 0.14 0.16

							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
							Any other, specify		
Feedback of farmer									
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**
Surya Prakash Karanja, Naubatpur Mob: 9142024147	Paddy Lentil Sesbania	R Sweta IPL 316 Local	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -	0.2 0.2 0.2	Application of chemical fertilizer & pesticide in other plot	Plant height (cm)		
							Other relevant parameter		
			Kharif Rabi Summer				Yield (q/ha)	54.2 15.6 Green Manure	35.2 8.6 Green Manure
			Kharif Rabi Summer				Cost of cultivation (Rs/ha)	44200.0 30200.0 5200.0	40200.0 28600.0 5200.0
			Kharif Rabi Summer				Gross Return (Rs/ha)	118318.0 100230.0	76841.0 55255.0
			Kharif				Net Return (Rs/ha)	74118.0	36641.0

			Rabi Summer					70030.0	26655.0
							B:C Ratio	2.68 3.32	1.91 1.93
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
							Any other, specify		
Jagdish Kumar Dubey Anantpur, Naubatpur Mob:9204741653	Paddy Lentil Sesbania	R Sweta IPL 316 Local	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	52.8 15.2 Green manure	34.0 8.4 Green manure
							Cost of cultivation (Rs/ha)	44600.0 30200.0 5200.0	40200.0 28700.0 5200.0
							Gross Return (Rs/ha)	115262.0 97660.0	74222.0 53970.0

							Net Return (Rs/ha)	70662.0 67460.0	34022.0 25270.0
							B:C Ratio	2.58 3.23	1.85 1.88
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Sanjay Kumar Abhranchak, Naubatpur Mob: 8709811461	Paddy Lentil Sesbania	R Sweta IPL 316 Local	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	52.6 15.4 Green Manure	32.8 8.4 Green manure
							Cost of cultivation (Rs/ha)	44800.0 30200.0 5200.0	40400.0 28400.0 5200.0
							Gross Return (Rs/ha)	114825.0 98945.0	71602.0 53970.0
							Net Return (Rs/ha)	70025.0 68745.0	31202.0 25570.0

							B:C Ratio	2.56 3.28	1.77 1.90
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Dharmveer Prasad Nawada Ghat, Barh Mob: 9973709044	Cowpea Cabbage Ladies finger	CP 6 Hybrid Jhilmil	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	178.2 210.8 180.4	114.8 122.8 115.2
							Cost of cultivation (Rs/ha)	56800.0 58400.0 58900.0	54500.0 56800.0 52400.0
							Gross Return (Rs/ha)	219120.0 225600.0 282900.0	139440.0 145400.0 169200.0
							Net Return (Rs/ha)	154160.0 170000.0 261600.0	84460.0 81800.0 122800.0
							B:C Ratio	3.71	2.55

								3.91 3.79	2.44 3.34
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Ramnath Prasad Chaknawada, Barh Mob: 8002129922	Cowpea Cabbage Ladies finger	CP 6 Hybrid Jhilmil	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	182.6 225.6 188.6	116.2 145.4 112.8
							Cost of cultivation (Rs/ha)	56800.0 58400.0 58900.0	54500.0 56800.0 52400.0
							Gross Return (Rs/ha)	219120.0 225600.0 282900.0	139440.0 145400.0 169200.0
							Net Return (Rs/ha)	162320.0 167200.0 224000.0	84940.0 88600.0 116800.0
							B:C Ratio	3.86 3.86	2.56 2.56

								4.80	3.23
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Kaushlendra Prasad, Chaknawada, Barh Mob: 9955605682	Cowpea Cabbage Ladies finger	CP 6 Hybrid Jhilmil	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	175.8 228.4 210.8	115.8 138.6 116.8
							Cost of cultivation (Rs/ha)	56800.0 58400.0 54600.0	54500.0 56800.0 52400.0
							Gross Return (Rs/ha)	210960.0 228400.0 316200.0	138960.0 138600.0 175200.0
							Net Return (Rs/ha)	154160.0 170000.0 261600.0	84460.0 81800.0 122800.0
							B:C Ratio	3.71 3.91	2.55 2.44

								5.79	3.34
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Pramod Kumar Chaknawada, Barh Mob: 8294584081	Cowpea Cabbage Ladies finger	CP 6 Hybrid Jhilmil	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	178.8 228.6 212.4	122.4 132.6 134.6
							Cost of cultivation (Rs/ha)	58200.0 62400.0 55400.0	54600.0 58900.0 52400.0
							Gross Return (Rs/ha)	214560.0 228600.0 318600.0	146880.0 132600.0 201900.0
							Net Return (Rs/ha)	156360.0 166200.0 263200.0	92280.0 73700.0 149500.0
							B:C Ratio	3.69 3.66 5.75	2.69 2.25 3.85

							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Chandan Kumar, Moldiyar tola, Mokama 8271686188	Cowpea Mustard Green gram	CP 6 Varuna IPM 2-3	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	210.2 12.4 5.2	125.0 8.5 5.1
							Cost of cultivation (Rs/ha)	56200.0 32400.0 30500.0	54800.0 30400.0 28200.0
							Gross Return (Rs/ha)	252240.0 70060.0 44501.6	150000.0 48025.0 43645.0
							Net Return (Rs/ha)	196040.0 37660.0 14001.0	95200.0 17625.0 15445.0
							B:C Ratio	4.49 2.16 1.46	2.74 1.58 1.55
							Soil PH	6.94 7.43	6.98 7.23

								7.54	7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Mukesh Kumar, Moldiyar tola, Mokama 8986117162	Cowpea Mustard Green gram	CP 6 Varuna IPM 2-3	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	215.4 12.6 5.2	128.4 8.8 4.4
							Cost of cultivation (Rs/ha)	58200.0 32400.0 61300.0	54600.0 30500.0 27600.0
							Gross Return (Rs/ha)	258480.0 71190.0 44501.0	154080.0 49720.0 37655.2
							Net Return (Rs/ha)	200280.0 38790.0 15301.0	99480.0 19220.0 10055.0
							B:C Ratio	4.44 2.20 1.52	2.82 1.63 1.36
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39	0.38

								0.40 0.38	0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Mukesh Kumar, Moldiyar tola, Mokama 8986117162	Cowpea Mustard Green gram	CP 6 Varuna IPM 2-3	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	224.2 12.8 5.2	126.0 10.6 4.2
							Cost of cultivation (Rs/ha)	56400.0 32600.0 29500.0	54800.0 30400.0 28400.0
							Gross Return (Rs/ha)	269040.0 72320.0 44501.0	151200.0 59890.0 35943.0
							Net Return (Rs/ha)	212640.0 39720.0 15001.0	96400.0 29490.0 7543.0
							B:C Ratio	4.77 2.22 1.51	2.76 1.97 1.27
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40

							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Halchal Manjhi, Indiranagar, Mokama 8340542787	Cowpea Mustard Green gram	CP 6 Varuna IPM 2-3	Kharif Rabi Summer	Beejamrit/Jeevamrit Beejamrit/Jeevamrit -			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	228.6 12.6 5.8	116.0 10.2 402
							Cost of cultivation (Rs/ha)	56400.0 32500.0 28400.0	54600.0 30500.0 26800.0
							Gross Return (Rs/ha)	274320.0 71190.0 49636.0	139200.0 57630.0 35943.0
							Net Return (Rs/ha)	217920.0 38690.0 21236.4	84600.0 27130.0 9143.6
							B:C Ratio	4.86 2.19 1.75	2.55 1.89 1.34
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18	0.12 0.14

								0.19	0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Rakesh Sharma, Chesi, Naubatpur 8544238948	Paddy Lentil Sesbania	Kaveri IPL 316 Local	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	48.6 14.6 Green Manure	28.4 10.4 Green Manure
							Cost of cultivation (Rs/ha)	48400.0 30200.0 5200	42500.0 28500.0 5200.0
							Gross Return (Rs/ha)	106093.0 93805.0 -	61997.0 66820.0 -
							Net Return (Rs/ha)	57693.0 63605.0 -	19497.2 38320.0 -
							B:C Ratio	2.19 3.11	1.46 2.34
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6	231.8 234.6

								239.2	241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Ajit, Narayanpur, Naubatpur 9386137943	Paddy Lentil Sesbania	Sonam IPL 316 Local	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	52.6 14.2 Green Manure	28.6 10.2 Green Manure
							Cost of cultivation (Rs/ha)	48600.0 30400.0 5200	42500.0 28600.0 5200.0
							Gross Return (Rs/ha)	114825.0 91235.0	62433.0 65535.0
							Net Return (Rs/ha)	66225.0 60835.0	19933.0 36935.0
							B:C Ratio	2.36 3.00	1.47 2.29
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K	148.2	138.2

							(Kg/ha)	144.6 144.2	134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Naval Kishore, Anantpur, Naubatpur 8405869351	Paddy Lentil Sesbania	Sonam IPL 316 Local	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	48.2 14.5 Green Manure	29.4 10.6 Green Manure
							Cost of cultivation (Rs/ha)	48400.0 30200.0 5200.0	42500.0 27400.0 5200.0
							Gross Return (Rs/ha)	105220.0 93162.0	64180.0 68105.0
							Net Return (Rs/ha)	56820.0 62962.0	21680.0 40705.0
							B:C Ratio	2.17 3.08	1.51 2.49
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Anil Kumar,	Paddy	Sonam	Kharif	Beejamrit/ Jeevamrit			Plant height (cm)		

Aaropur, Naubatpur 7033602729	Lentil Sesbania	IPL 316 Local	Rabi Summer	Beejamrit/ Jeevamrit -					
							Other relevant parameter		
							Yield (q/ha)	52.8 12.8 Green Manure	30.8 10.4 Green Manure
							Cost of cultivation (Rs/ha)	48400.0 30400.0 5200.0	42500.0 28200.0 5200.0
							Gross Return (Rs/ha)	115262.0 82240.0	67236.0 66820.0
							Net Return (Rs/ha)	66862.0 51840.0	24736.0 38620.0
							B:C Ratio	2.38 2.71	1.58 2.37
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Narendra Prasad, Chakjalal, Pandarak 9973455062	Paddy Lentil Green Gram	Sonam IPL 316 IPM 2-3	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -			Plant height (cm)		

							Other relevant parameter		
							Yield (q/ha)	48.6 12.6 5.6	30.6 10.8 4.4
							Cost of cultivation (Rs/ha)	48600.0 30600.0 28500.0	42500.0 28400.0 26400.0
							Gross Return (Rs/ha)	106093.0 80955.0 47924.0	66799.0 69390.0 37655.0
							Net Return (Rs/ha)	57493.0 50355.0 19424.0	24299.0 40990.0 11255.0
							B:C Ratio	2.18 2.65 1.68	1.57 2.44 1.43
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Jitendra Kumar, Saidpur, Barh Mob:9006122108	Paddy Lentil Green Gram	Sonam IPL 316 IPM 2-3	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -			Plant height (cm)		
							Other relevant parameter		

							Yield (q/ha)	48.6 12.6 5.4	32.4 12.4 4.1
							Cost of cultivation (Rs/ha)	48400.0 30200.0 28800.0	42500.0 28100.0 26400.0
							Gross Return (Rs/ha)	106093.0 80955.0 46213.0	70729.0 79670.0 35087.0
							Net Return (Rs/ha)	57693.0 50755.0 17413.0	28229.0 51570.0 8687.0
							B:C Ratio	2.19 2.68 1.60	1.66 2.84 1.33
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Dayanand Prasad, Kajichak, Pandarak 9135344380	Paddy Lentil Green Gram	Sonam IPL 316 IPM 2-3	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	48.6 12.8	32.8 8.6

								5.4	4.0
							Cost of cultivation (Rs/ha)	48600.0 30400.0 28700.0	42500.0 28200.0 26400.0
							Gross Return (Rs/ha)	106093.0 82240.0 46213.0	71602.0 55255.0 34232.0
							Net Return (Rs/ha)	57493.0 51840.0 17513.0	29102.0 27.55.0 7832.0
							B:C Ratio	2.18 2.71 1.61	1.68 1.96 1.30
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Sudhir Kumar, Nadawan, Barh 9905682259	Paddy Lentil Green Gram	Sonam IPL 316 IPM 2-3	Kharif Rabi Summer	Beejamrit/ Jeevamrit Beejamrit/ Jeevamrit -			Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)	48.2 12.4 5.8	30.4 10.2 4.2
							Cost of cultivation	47800.0	45200.0

							(Rs/ha)	30600.0 28400.0	28400.0 26400.0
							Gross Return (Rs/ha)	105220.0 79670.0 49636.0	66363.0 65535.0 35943.0
							Net Return (Rs/ha)	57420.0 49070.0 21236.0	21163.0 37135.0 9543.0
							B:C Ratio	2.20 2.60 1.75	1.46 2.31 1.36
							Soil PH	6.94 7.43 7.54	6.98 7.23 7.04
							Soil OC (%)	0.39 0.40 0.38	0.38 0.41 0.40
							Soil EC (dS/m)	0.16 0.18 0.19	0.12 0.14 0.16
							Available N (Kg/ha)	241.8 242.6 239.2	231.8 234.6 241.2
							Available P (Kg/ha)	10.2 12.3 12.8	12.2 14.3 13.8
							Available K (Kg/ha)	148.2 144.6 144.2	138.2 134.6 134.2
							Soil Microbes (cfu)	Not analyzed	Not analyzed
Feedback of farmer	Possible only for smaller areas								

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
1	Patna	Vijay Kumar Singh		1	1.0		2	4.0	Paddy	Beejamrit,	Plant height (cm)		

		Kharfar, Fatuah M: 8789270845						Lentil Green gram	Jeevamrit Neemastra	Other relevant parameter		
										Yield (q/ha)	55.2 14.8 5.6	32.2 8.8 4.8
										Cost of cultivation (Rs/ha)	45200.0 29200.0 27400.0	44900.0 28600.0 27400.0
										Gross Return (Rs/ha)	120501.0 95090.0 47924.0	70292.0 56540.0 41078.0
										Net Return (Rs/ha)	75301.0 65890.0 20525.0	25392.0 27940.0 13678.0
										B:C Ratio	2.66 3.25 1.74	1.56 1.97 1.49
										Soil PH	7.20	7.14
										Soil OC (%)	0.38	0.49
										Soil EC (dS/m)	0.02	0.013
										Available N (Kg/ha)	292.8	328.6
										Available P (Kg/ha)	10.4	9.6
										Available K (Kg/ha)	132.2	138.6
										Soil Microbes (cfu)	Not analyzed	Not analyzed
										Any other, specify		
Feedback of farmer: It is possible only for smaller area												

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	7.23	0.012	0.52	320.0	10.4	128.0	Not analyzed	7.32	0.014	0.52	342.0	11.2	132.4	Not analyzed
Rabi	Chickpea	7.10	0.014	0.51	345.0	10.6	135.0	Not analyzed	7.22	0.012	0.54	328.0	10.8	132.6	Not analyzed
Summer	Green gram	7.14	0.012	0.53	328.0	12.4	140.0	Not analyzed	7.18	0.011	0.52	340.0	10.6	138.2	Not analyzed

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)
Kharif	Paddy	6.98	0.014	0.48	280.2	10.4	134.6	Not analyzed	6.82	0.021	0.43	288.2	11.4	132.4	Not analyzed
Rabi	Lentil	6.92	0.016	0.42	284.2	10.6	142.6	Not analyzed	6.84	0.023	0.44	278.4	12.4	134.6	Not analyzed
Summer	Green gram	6.94	0.02	0.43	284.6	10.4	148.2	Not analyzed	6.84	0.022	0.42	285.6	12.6	132.6	Not analyzed

Soil Parameter for Demo plot at Farmers 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	6.98	0.12	0.38	231.8	12.2	138.2	Not analyzed	7.21	0.21	0.42	252.6	11.6	138.2	Not analyzed
Rabi	Mustard	7.23	0.14	0.41	234.6	14.3	134.6	Not analyzed	6.80	0.18	0.38	256.4	12.8	139.8	Not analyzed
Summer	Greengram	7.04	0.16	0.40	241.2	13.8	134.2	Not analyzed	6.94	0.14	0.38	245.4	12.4	144.6	Not analyzed

Soil Parameter for Non- Demo plot at Farmers 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	6.94	0.16	0.39	241.8	10.2	148.2	Not analyzed	7.11	0.11	0.44	254.6	12.6	134.2	Not analyzed
Rabi	Mustard	7.43	0.18	0.40	242.6	12.3	144.6	Not analyzed	6.89	0.14	0.41	260.4	10.8	136.8	Not analyzed
Summer	Greengram	7.54	0.19	0.38	239.2	12.8	144.2	Not analyzed	6.98	0.16	0.38	145.4	11.4	142.6	Not analyzed

Glimpses of various Activities (Good Quality Action Photographs)

Name of activity	1	2	3	4
Training programmes				
Awareness programmes				
Demonstrations (KVK/Farmer filed)				
Any other activites				

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			
		Kharif	Rabi	Summer	Kharif	Rabi	Summer	M	F	T	SC	ST	OBC	Gen
DSR, ZT	Paddy-wheat-green gram	Paddy	Wheat	Green gram	50	100	260	1301	483	1784	40	0	960	785
RB, ZT	Maize- Mustard- green gram	Maize	Mustard	-	200	200	-							
LT, RB	Finger millet- Maize- green gram	Finger millet	Maize	-	45	100								
LS, ZT	Pearl millet-Lathyrus-green gram	Perl Millet	Lathyrus	-	50	50								
RB, ZT	Soybean-Lentil-green gram	Soyabean	Lentil	-	50	128	-							
LS, RB	Sorghum-Potato-green gram	Sorghum	Potato	-	130	125	-							
RB, ZT	Pigeon pea-wheat-green gram	Pigeon pea	-	-	50	-	-							

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					
41.36	-	11.35	-	-	43.16	7	112
42.60	-	-	-	-	38.16	-	-
15.16	-	-	-	-	-	-	-
381.26	-	-	-	-	9.2	-	-
17.38	-	-	-	-	-	-	-
425.40	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

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 center (PIC)	**KVK, Patna**
2	No. of Agri Drones Sanctioned	**01**
3	No. of Agri Drones Purchased	**01**
4	Amount sanctioned (Rs)	**10,00,000.00**
5	Purchased cost of each Drone (Rs.)	**9,95,000.00**
6	Company and Model of Drone	**Io-Tech Avigation Pvt Ltd, Agribot**
7	Name and contact No of Agri Drone Pilot	**Dr. Mrinal Verma**
8	Target Area for Agri Drone Demonstration (ha) (1 demo = 1 ha area)	**-**
9	Amount sanctioned for Agri Drone Demonstrations (Rs.)	**-**
10	Amount utilized for Agri Drone Demonstrations (Rs.)	**39,790.00**
11	Area covered under demos (area in ha)	**20**
13	Operation carried out (Pesticide/Weedicide/Nutrient application) in demonstration organized	**Nutrient, Pesticide & Insecticide**
14	Number of farmers participated during demonstration	**118**
15	Advantages of using Agri Drones as observed during the demonstrations	**Even application of chemicals in lesser time.**

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	Patna	19.01.2024	KVK, farm	Lentil	01	2.0	12
		02.03.2024		Potato	01	0.8	10
		21.03.2024		Wheat,	03	4.0	8

				Chickpea			
		21.07.2024		Soyabean	02	2.0	6
		05.08.2024		Urd	01	2.0	5
		22.08.2024		Soyabean	01	0.5	5
		22.08.2024		Urd	01	0.5	7
		16.12.2024		Lentil	01	1.0	5
		16.12.2024	Rana bigha	Lentil	01	1.5	13
		24.12.2024	KVK, Farm	Potato	01	0.5	5
		24.12.2024	Rana bigha	Lentil	01	1.0	9
		24.12.2024	Lalitpur	Lentil	01	1.0	11
Demos on weedicide spray							
Demos on nutrient spray	Patna	22.08.2024	Rana bigha	Wheat	01	1.5	12
		24.12.2024	Rana bigha	Wheat	01	1.5	10

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)

a. Details of KVK Demo. Unit

S. No	Module details (Component-wise)	Area under IFS (ha)	Crop/ Enterprise	Production (commodity wise)	Cost of Production in Rs. (Component wise)	Value realized in Rs. (Commodity wise)	No. of Farmer adopted practicing IFS	% change in adoption during the year
1	Component 2							
	Field crops	0.31	Paddy- Chickpea- Green Gram	13.6	13104.0 8835.0	29689.0 Crop Standing		
	Dairy	0.20	Cow 3	1773.23 lit	70400.0	81573.0		
	Goatery		Goat (19)	3	18000.0	7000.0		
	Fishery		Mix culture	Not harvested	4250.0	-		
	Poultry		Sonali Kadaknath	93.7 Kg 49.05 Kg	36600.0	20614.0 19620.0		
	Vermicompost Production unit		Vermicomposat		12000.0	24000 (used in Organic Farming plot of KVK)		
			Total		**163189.0**	**182496.0**		

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					

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

12.3 . 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
02.10.2024	01	07	35	0	42
05.10.2024	01	08	36	0	44
10.10.2024	01	05	49	0	54
16.10.2024	01	11	57	05	73
18.10.2024	01	09	26	03	38
19.10.2024	01	10	37	0	47
22.10.2024	01	12	51	0	63
26.10.2024	01	06	47	02	55

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

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
21.12.2024	01	04	54	02	60
23.12.2024	01	02	19	0	21
30.12.2024	01	05	21	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		

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

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