KRISHI VIGYAN KENDRA, JALE
DARBHANGA- 847302 (BIHAR)

ANNUAL REPORT- 2024

(1st January – 31st December 2024)

Dr. Rajendra Prasad Central Agricultural University, Pusa (Samastipur)- Bihar
Mob: +91 6287797170
e-mail: head.kvk.jale@rpcau.ac.in
website: http://darbhanga.kvk4.in/

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, Jale, Darbhanga (Bihar) – 847302	+916287797170	06274-241680 (DoEE,RPCAU,Pusa)	head.kvk.jale@rpcau.ac.in Website: - http://darbhanga.kvk4.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	
Dr. Rajendra Prasad Central Agricultural University, Pusa, Bihar.	06274-240226	06274-240255(VC cell) 06274-241680(DEE cell)	**dee@rpcau.ac.in**

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Dibyanshu Shekhar	KVK, Jale, Darbhanga	+91 6287797170	head.kvk.jale@rpcau.ac.in

1.4. Year of sanction of KVK with council order No. and date:
(Reference of Sanction Order)L. No. 17(1)/95-AE.I dt. 04/12/95
(Re start) F.No. ZCU-II/R.E./2004/5030 Dated: 08.01.2004

1.5. Year of start of KVK: 2004

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent/ Probation	Category (SC/ST/ OBC/Others)
1	Sr. Scientist & Head	Dr. Dibyanshu Shekhar	Sr. Scientist & Head	Extension Education	37400-76000 + 9000(GP)	10.07.2019	Permanent	Others
2	Subject Matter Specialist	Er. Nidhi kumari	SMS	Soil & Water Engineering	15600-39100 + 5400(GP)	18.09.2018	Probation	others
3	Subject Matter Specialist	Dr. Pawan Kumar Sharma	SMS	Fisheries	15600-39100 + 5400(GP)	13.09.2023	Probation	Others
4	Subject Matter Specialist	Mrs. Pooja Kumari	SMS	Home Science (Extension)	15600-39100 + 5400(GP)	07.03.2022	Probation	OBC
5	Subject Matter Specialist	Dr. Pradeep Kumar Vishwakarma	SMS	Horticulture	15600-39100 + 5400(GP)	02.01.2024	Probation	OBC
6	Subject Matter Specialist	**Vacant**	SMS	-	-	-	-	-
7	Subject Matter Specialist	**Vacant**	SMS	-	-	-	-	-
8	Programme Assistant	**Mrs. Sashimala Kumari**	Programme Assistant	Agronomy	-	-	-	OBC
9	Computer Programmer	**Vacant**	-	-	-	-	-	-
10	Farm Manager	Dr. Chandan Kumar	Farm Manager	Plant Breeding & Genetics	9300-34800 + 4200(GP)	28.11.2018	Permanent	OBC
11	Accountant / Superintendent	Sanjeev Kumar	Assistant	B. Tech (Computer Sc.)	9300-34800 + 4200(GP)	14.02.2018	Permanent	OBC
12	Stenographer	Amaranjay Kumar	Stenographer	B.A. (Eco.) Hons.	5200-20200 + 2400(GP)	26.02.2018	Permanent	OBC
13.	Jeep Driver	Yash Kumar	Jeep Driver	B.A. (Psy.) Hons.	5200-20200 + 2000(GP)	27.02.2021	Probation	Other
14.	Tractor Driver	Manish Kumar Yadav	Tractor Driver	M.A (Pol. Sc.)	5200-20200 + 2000(GP)	27.02.2021	Probation	OBC
15.	Supporting staff	Abhay Kumar	Skilled Supporting Staff	B.Sc. (Phy.) Hons.	5200-20200 + 1800(GP)	27.02.2021	Probation	OBC
16.	Supporting staff	Aman Kumar	Skilled Supporting Staff	B.Sc. (Phy.) Hons.	5200-20200 + 1800(GP)	27.02.2021	Probation	OBC

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)	Name of Infrastructure
1	Under Buildings	1.00	Administrative Building, Kisan Ghar, Staff Quarter, Guest House, Godown, Implement Shed
2.	Under Demonstration Units	1.00	Net House, Poly House, Mushroom Unit, Vermi Compost Unit
3.	Under Crops	3.50	Farms, IFS
4.	Orchard	3.75	Mango, Litchi, Guava, Lemon, Anola Orchard
5.	Agro-forestry	0.00	-
6.	**Others with details**		
	Road, Bunds, irrigation channel	0.46	Farm Roads, Plot Bunds
	Pond	0.716	Farm Pond (Modi Sah Pokher)
	Total	**10.426**	

**Total area should be matched with breakup*

1.7. Infrastructure Development:

A) Buildings and others

Sl. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Functional/non-functional*	Source of funding
1.	Administrative Building					Yes	494 (38x13)	Functional	ICAR
2.	Farmers Hostel					Yes	300	Functional	ICAR
3.	Staff Quarters (2)					(02) Yes	93.75 (12.5 x 7.5)	Functional (Needs Rennovation))	ICAR
	PC Quarter					Yes	93.75 (12.5x7.5)	Functional (Needs Rennovation)	ICAR
	Scientist Quarter (2)					(02) Yes	135 (18x7.5)	Functional (Needs Rennovation)	ICAR
	Supporting Staff Quarter (2)					No			ICAR
4.	Piggery unit					No			
5	Fencing					Yes		Functional (KVK Pond fancing is in progress through MGNREGA)	DRPCAU
6	Rain Water harvesting structure					No			
7	Threshing floor					Yes	225 (18x12.5	Functional	ICAR
8	Farm godown 1					Yes	225 (18x12.5)	Functional	GOB & ICAR

	Farm godown 2					Yes	225 (18x12.5)	Functional	GOB & ICAR
9.	Dairy unit					No			
10.	Poultry unit					No			
11.	Goatary unit					No			
12.	Mushroom Lab					NO			
13.	Mushroom producion unit					Yes	61.75 (9.5x6.5)	Functional	ICAR
14.	Shade House (Old)					Yes	306 (20x15.3)	Functional	NHM
	Shade House (New)					Yes	200 (25x8)	Functional	NHM
	Poly House (Old)					Yes	42.4 (8x5.3)	Non-functional (Needs Repair)	NHM
	Poly House (New)					Yes	200 (25x8)	Functional	NHM
15.	Soil test Lab					Yes	42.25 (6.5x6.5)	Functional	ICAR
16	**Others,Please Specify**								
	(MSTL Van)					Yes		Non-Functional(Needs repair , Lack of Driver and registration issue)	Govt. of Bihar
	Vermi compost unit (Old)					Yes	63 (09x07)	Functional	ICAR
	Vermi compost unit (New)					Yes	56 (08x07)	Functional	ICAR
	Portable Carp Hatchery					Yes	48 (08x06)	Functional	ICAR
	Azolla Unit					Yes	48 (08x06)	Functional	ATMA-Darbhanga
	Seed Processing Unit					Yes		Non-functional (Needs Repair)	RKVY
	Vermi compost unit					Yes	10ft x 4ft x 3ft	Functional	
	Vermi compost Shade					Yes	25 x 12 Sq.ft	Functional	
	Micro irrigation demo unit					Yes	Drip Rain gun Sprinkler	Functional	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./Hr Run	Present status
Tractor (Messai)	2009	3,82,646.00	1623.9 Hr	Functional
Tractor (John Deere)	2019	626743.84	1390.4 Hr	Functional
Tractor (John Deere)	2021	671077.00	1085.3 Hr	Functional
Bike No. 1 (BR07Y1925)	2016	48088.00	43816 Km	Functional
Bike No. 2 (BR07Y1926)	2016	48088.00	45218 Km	Functional
Bolero(Jeep)	2005	4,18,500.00	301160 Km	Non-functional and under process of condemnization

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost(Rs.)	Present Status	Source of fund
a. Lab equipment				
Store well plane	2005	10251.00	Functional	-
Flame Photometer	2005	47460.00	Non functional	-
Hot plate	2005	9040.00	Non functional	-
Hot Air Oven	2005	15255.00	Non functional	-
Shaker	2005	2542.00	Non functional	-
Choolha (Stove)	2005	790.00	Functional	-
Refrigerator	2005	16910.00	Functional	-
Water distillation plant	2005	54240.00	Functional	-
Chemical Balance with accessories	2005	110740.00	Functional	-
Rack-6	2006	3152.00	Functional	-
Filling cabinet	2006	10372.00	Functional	-
Stabilizer	2006	4040.00	Functional	-
Soil Test Gas Cylinder	2006	950.00	Functional	-
Computerise weighing scale	2009	5000.00	Functional	-
Century pH meter	2015	12375.00	Functional	-

Mrida Parikshak Soil Testing Kit	2016	75600.00	Serviceable	-
Mrida Parikshak Mini Lab	2017	90300.00	Functional	-
MSTL-Van with all equipments	2018	4248489.0	Functional	-
b. Farm machinery				
Pump set	2006		Functional	-
Pump Set	2006		Functional	-
Zero Tillage Machine	2006		Functional	-
Zero Tillage Machine	2006		Functional	-
Aspeenaspee Machine	2007	1600.00	Functional	-
Tractor	2009	382646.00	Functional	-
Vardan Power Reaper	2010	100000.00	Functional	-
Vardan power reaper	2010	100000.00	Functional	-
Sprayer	2011	8800.00	Functional	-
Winnover	2011	17500	Functional	-
Tractor operated winnower	2011	18500.00	Functional	ICAR
Cultivator tyne	2011	14595.00	Functional	RKVY
Generator	2011	50000.00	Functional	-
Wheat Thresher	2012	102900.00	Functional	RKVY
Rotavator	2012	76806.00	Functional	RKVY
Tractor operated post hole dig	2012	42748.00	Functional	RKVY
John Deere (Tractor 55 HP)	2019	626743.84	Functional	ICAR
Laser Land Leveler	2020	291200	Functional	ICAR
Cultivator	2020	27776	Functional	ICAR
Mulcher 66B	2020	157138.50	Functional	ICAR
Mini Dal MilL 3HP PKV	2020	94500	Functional	ICAR
Zero tillage Machine	2020	43120	Functional	ICAR
Multi crop Thresher	2020	128800	Functional	ICAR
Potato Planter	2020	97500	Functional	ICAR
Mult crop Planter	2020	99799.80	Functional	ICAR
Power tiller	2020	212800	Functional	ICAR

Tractor John Deere 55 HP	2021	671077.00	Functional	-
Boom type sprayer	2021	160499	Functional	ICAR
Tractor Trailer	2021	143400	Functional	ICAR
Rotavator	2021	96240	Functional	ICAR
Reaper cum Binder	2021	342000	Functional	ICAR
Happy Seeder	2021	143000	Functional	ICAR
John Deere Tractor	2021	671077	Functional	ICAR
Laser Land Leveller	2021	248000	Functional	ICAR
Multi Crop Planter	2021	155098	Functional	ICAR
Kamco Power Reaper KR 120HP	2022	125370	Functional	ICAR
c. AV Aids				
Photocopier machine with tagged toner	2004	75000.00	Non Functional	-
Projector M.N. 00153441	2005	127928.00	Functional	-
HP BIJ-1000	2005	6800.00	Non functional	-
HP 15 TFT LCD	2005	3950.00	Non functional	-
Kodak Digital Camera	2006	7650.00	Functional	-
HP LaserJet 1020	2006	6199.00	Functional	-
Fax Machine	2006	115000.00	Functional	-
Digital Camera (Canon)	2007	12495.00	Functional	-
TV Wall Unit	2007	10222.00	Functional	-
HP-DX-2280	2007	32000.00	Non functional	-
TV Wall Unit	2007	10222.00	Functional	-
Box plyboard including speaker	2008	5000.00	Functional	-
Box plyboard including speaker	2008	5000.00	Functional	-
Ahuja Cassets player	2008	6488.00	Functional	-
Ahuja codeless mike	2008	2177.00	Functional	-
Ahuja mike	2008	355.00	Functional	-
Sony handycam	2009	23990.00	Functional	-

P.A. System	2011	25000.00	Functional	-
Digital camera	2011	24990.00	Functional	-
P.A. System	2011	25000.00	Functional	-
Digital camera	2011	24990.00	Functional	-
Dell LED Monitor 18''	2014	5800.00	NonFunctional	-
Printer LaserJet 1005 MFP	2014	12500.00	Functional	-
HP Laptop model no. F6 D3o PAACJ	2014		Functional	-
HP DESKTOP	2018	24900.00	Functional	-
Laptop with GPS System	2019	215100.00	Functional	-
Microtek UPS TP pro 650+	2019	2200.00	Functional	-
HP Laserjet Printer	2020	59899.00	Functional	-
Inverter AC	2020	85000.01	Functional	-
Luminous Battery	2021	18500	Functional	-
Inverter	2021	6200	Functional	-
HP Desktop Computer	2022	52885.00	Functional	-
Projector	2022	48995.00	Functional	-
Canon DSLR Camera	2023	39000	Functional	-
Fridge	2023	17499	Functional	-
Polycab Faratta Stand Fan	2023	12800	Functional	-
Exide Tubular Battery	2023	24800	Functional	-
CCTV Camera	2023	26099	Functional	-

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Cultivator 9 "R"	2009	-	Functional	ICAR
Cultivator 9 "S"	2009	-	Functional	ICAR
M.B. Plough 4 furrow	2009	-	Functional	ICAR
Cage Wheel	2009	-	Functional	ICAR
Disc Harrow	2011	32500.00	Functional	ICAR

Battery operated Knapsc sprayer 16 liht	2011	4400.00	Functional	ICAR
Sprayer(Knapsack)	2012	4400.00	Functional	RKVY
Twin wheel how	2013	4800.00	Functional	RKVY
SJPD1 No. 12SAW MAIS 12	2013	8500.00	Functional	ICAR
Head Pipe	2014	1550.00	Functional	ICAR
Self-propelled reaper cum binder	2020	520000	Functional	ICAR
Self-propeller rice transplanter	2020	222800	Functional	ICAR
Disc Plough	2021	94657	Functional	ICAR
Kamco Power Reaper KR 120HP	2022	125370	Functional	NICRA Project
Crane Hook Weighing Scale	2023	2800	Functional	NICRA
Digital Platform Weighing Machine	2023	6000	Functional	NICRA
3HP Multi Grinder Sattu Besan Atta	2023	49500	Functional	SCSP Capital
Moisture Meter	2023	16048	Functional	NICRA
Portable Power Sprayer	2023	23000	Functional	NICRA
Poultry Eggs Hatching Incubator	2023	29000	Functional	NICRA

2. Priority thrust areas of KVKs

Sl. No.	Thrust area
1	Enhancing seed replacement rate for increasing productivity.
2	Promotion of organic farming for soil health management.
3	Promotion of IPM & INM for reducing cost of cultivation.
4	Supply of quality planting material for increasing vegetable and fruits production.
5	Promotion of “Mithila painting” for women empowerment.
6	Drudgery reduction of farm women.
7	Value addition of mushroom, seasonal fruits and vegetable.
8	Promotion of banana fibre extraction and its value added products.
9	Promotion of cultivation and processing of Makhana and Singhara.
10	Promotion of Integrated farming system.
11	Soil Test based fertilizer recommendation.
12	Strengthening seed production programme.

13	Scientific management of pond for increasing productivity.
14	Increasing the pulse & oilseed production through integrated crop management.
15	Supply of quality planting material for increasing vegetable and fruits production.
16	Promotion of maize cultivation
17	Increasing the cropping intensity.
18	Conservation agriculture
19	Enhancing pulse and oilseed production
20	Natural Farming
21	Promotion of millets cultivation
22	Promotion of 'Herbal Gulal'
23	Promotion of mushroom cultivation
24	Promotion of bee keeping
25	Promotion of Custom Hiring Centers
26	Promotion of fish species diversification
27	Promotion of water quality testing in aquaculture
28	Promotion of Betelvine cultivation
29	Promotion of Value addition in makhana and Singhra products
30	Promotion of ornamental fish management
31	Promotion of Nursery Management
32	Promotion of income generating activities among women
33	Promotion of Nutri garden among aganwadi centres

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

Sl. No.	Items	Information
1	Major Farming system of the district	
2	One district one product (NITI Ayog)	
2	Agro-climatic Zone	
3	Agro ecological situation	
4	Soil type	
5	Productivity of major crops of districts	
	Paddy	
	Wheat	
	Pulse	

	Oilseed	
	Veg. (name)	
	Fruit (Name)	
	Others	
	Enterprises	
6	Mean yearly temperature, rainfall, humidity of the district	
7	Production of major livestock products like, , etc.	
	milk	
	egg	
	meat	

1. Major Farming system of the district

S. No.	Farming system/Cropping system
i	Irrigated upland (i) Paddy- Mustard (ii) Paddy-Potato/Vegetables – Moong/Urd/Vegetable
ii	Partially irrigated upland (i) Paddy-Mustard/Lentil/Gram-Moong (ii) Maize- Toria / Pea / Lentil –Moong
iii	Low land Paddy-Wheat-Moong
iv	Rainfed low land (i) Paddy –Wheat- Fallow
v	Rainfed pond (i) Composite fish culture (ii) Makhana cultivation (iii) Cultivation of trapa

2 One district one product (NITI Ayog)

SI.No.	**Particulars**	
1.	Name of the District	Darbhanga
2.	One District One Product name	Makhana (Fox nut)
3.	Total Production of the Product	4000 tons
4.	Total area under cultivation of makhana	875 ponds
5.	Total people engaged in makhana cultivation	1.25 lakh families
6.	Name of department involved in makhana cultivation	Makhana Research Centre (Darbhanga), Krishi Vigyan Kendra Jeevika and ATMA

Source: One district One district product scheme (2023)

3 Agro-climatic Zone

S. No.	Agro-climatic Zone	Characteristics
i.	Zone – I	1. Total geographical area – 254077 ha Cultivable land – 198415 ha Irrigated land – 102087 ha Rainfed land – 80575 ha
		2. Again based on topography the district can be divided as following: Upland – 19617 ha. Medium land – 37660 ha. Low land – 38017 ha. Chaur – 29706 ha.

4 Agro ecological situation

S. No.	Agro-ecological situation	Characteristics
i.	Zone – I	Darbhanga district is situated between longitudes 85 degree 45'-86 degree 25' East and latitude 25 degree 53' – 26 degree 27' North. The district can be divided into four natural divisions. The eastern portion consisting of Ghanshyampur, Biraul and Kusheswarsthan blocks containing fresh silt deposited by the Koshi River. It contains large tracts of sandy land covered with wild Marsh. The second division comprises of the anchals lying south of the BoorhiGandak river and is the most fertile area in the district. It is also on higher level than the other part of the district and contains very few marshes. It is well suited to rabi crops. The third natural region is the doab between Burhi Gandak and Baghmati and consists of low-lying area ditted over by chaur and Marshes. It gets flood every year. The fourth division covers the sadar sub-division of the district. The tract is watered by humero streams and contains upland. The district has a vast alluvial plain devoid of any hills. There is a gentle slope from North to South with a depression on the centre. Numinous rivers originating in the Himalayas water this district. Out of these rivers Kanla, Baghmati, Koshi and Kareh are of most importance.

5 Soil type

S. No.	Soil type	Characteristics	Area in ha
1.	The soil of Darbhanga district is alluvial, sandy loam, calcareous mixture of clay and sand in varying proportion, the fertility status is low to medium in nature. Water inundation during rainy season in low land dictates the selection of cultivars of paddy. A large chunk of the low land (chaur land) remains flooded throughout the year.		

6 Productivity of major crops of districts

S. No.	Crop	Area (‘000 ha)	Production Qt / 000 MT	Productivity (Kg /ha)
(i)	Paddy	74.67	79.27 ('000 tonnes)	1062
(ii)	Wheat	56.51	154.5 ('000 tonnes)	2734
(iii)	Pulses	9.5	4.45 ('000 tonnes)	469
(iv)	Oil Seeds	6450	4005	6210
(v)	Maize	9.34	24.61 ('000 tonnes)	2634
Fruit				
(i)	Banana	0.85	5.7	61500
(ii)	Lemon	0.76	5.5	7236.8
(iii)	Guava	0.5	3.8	805
(iv)	Litchi	0.85	4.23	4976.6
(v)	Mango	13.29	145.62	109571.1
Vegetables				
(i)	Beans	1.2	8.5	6833.8
(ii)	Bottlegourd	1.09	22.2	20366.9
(iii)	Brinjal	3.01	60.25	20016.6
(iv)	Cauliflower	2.1	38.5	18338.3
(v)	Chillies green	1.38	15.962	11500
(vi)	Okra	1.75	28.391	16223.4
(vii)	Onion	1.2	27.0	22350.9
(viii)	Pointed gourd	0.17	1.78	10401
(ix)	Potato	18.03	351.56	29223.60
(x)	Radish	0.59	9.202	15387.9
(xi)	Tomato	1.47	32.242	21799.8
Spices				
1.	Coriander	0.480	0.456	950
2.	Ginger	0.506	5.070	10019.7
3.	Makhana	3.850	11.550	3000

(Source: Economic Survey Bihar 2023 & 2024)

7. Mean yearly temperature, rainfall, humidity of the district

Mean yearly temperature	25.0 °C | 77.0 °F.
Mean yearly rainfall	1137.4 mm
Mean yearly humidity	67%

8 Production of major livestock products like milk, egg, meat etc.

Category	Population (000)	Production(000)	Productivity
Cow	275	1286-2577 Litres	8-14 Liters/day
Buffalo	232	16873 Litres	-
Sheep	08	-	-
Goats	312	-	-
Poultry	901	-	-
Fish	2883.3 ha	55241 tons	1588-2138kg/ha

(Source: Economic Survey Bihar 2024)

Note: Please give recent data only

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

Sl. No.	Name of the Taluk/Subdivision	Name of the block	Name of the village	Major crops & enterprises	Major problem identified (crop-wise)	Identified Thrust Areas
1.	Darbhanga Sadar	Jale	Ahiyari Bandhauli Basant Belwara Brahmpur Chandauna Dhankaul Doghra Garri Ghograha Jale Jale West Jogiara Kachhua	1. Rice 2. Wheat 3. Mustard 4. Lentil 5. Chick Pea 6. Vegetables 7. Mango 8. Fish 9. Mushroom 10. Green gram 11. Millets 12. Maize	i) Unavailability of quality seed of cereal, pulses ad oilseed. ii) Wilt problem in Lentil and Chick Pea iii)Low productivity of orchards iv) Unbalanced fertilizer dose v)Indiscriminate use of pesticide vi) low productivity of pond vii) Lack of good quality fish seed viii) Pesticide toxicity ix) Lack of supplementary feed in aquaculture x) Improper pest management xi) Sever infestation of algal bloom	Seed replacement, Soil Testing Integrated Pest Management Orchard management. Integrated nutrient management. Integrated diseases management.

			Kajibahera Kamtaul Katraul Kotpati Manma Manamkhedu Manamdev Massa Mazra Mirzapur Muraitha Nagardih Paktola Pauni Panihara Radhi Raghopur Rakaul Ramaul Ratanpur Reorha Samdhiniya Sahaspur Sauriya Sondahi		in ponds xii) Lack of knowledge about mushroom xiii) Epizootic ulcerative syndrome (EUS) outbreak xiv) lack of knowledge about millets cultivation	Pond management. Mushroom cultivation Fish species diversification Millets cultivation
		Singhwara	Arai Asthua Barahmpura Dahsheel Paira Katka Katasa Sanahpur Rampura Rajo Manikauli	1. Rice 2. Vegetable 3. Wheat 4. Mustard 5. Makhana 6. Fish 7. betel 8. Mushroom 9. Maize 10. Millets	i) Unavailability of quality seed of cereal, pulses, oilseed and vegetable. ii) Wilt problem in Lentil and Chick Pea iii)Low productivity of orchards iv)Low productivity of pond v)Low productivity of Makhana vi)Unbalnced fertilizer dose vii)Indiscriminate use of pesticide viii) Pest and disease problem in betel ix) Lack of agricultural mechanization	Seed replacement of oilseed Integrated nutrient management. Pest management in betel. Introduction of High Yielding Variety. Pond management Farm Mechanization through Agricultural Machinaries Millets cultivation

						Maize cultivation
		Hanuman Nagar	Kolhanta Patori Godaipatti, Rupauli Godhaila Patori Mustafapur Panchobh	1. Wheat 2. Maize 3. Vegetable 4.Mustard 5. Lentil 6. Pulse 7. Fish	i) Unavailability of quality seed of cereal pulse and oilseed ii) Poor adoption of mechanization iii) Pest problem in maize.	Seed replacement of Lentil and oilseeds Integrated Pest management Integrated Nutrient management Mechanization in wheat Fish processing
		Manigachhi	Raje West Manigachhi	1.Rice 2.Wheat 3.Mustard 4.Lentil 5.Vegetable 6.Fruits	i) Unavailability of quality seed of cereal pulse and oilseed ii) Poor managementof orchard iii) Pest problem in Lentil.	Seed replacement, of pulses and oulseed Integrated pest management. Pest management in Lentil. Fertilizer management in Orchard.
		Baheri	Bhachhi Kushiyam Athar Baghoni Nandapatti Khangaitha Chakka Sirua Adharpur Kothara Paghari Bandhuli Bithooli korigama Baiant Dhanooli	1.Rice 2.Wheat 3. Pulse 4. Oilseed 5. Fish 6. Vegetable 8. Sunflower	i) Unavailability of quality seed of cereal pulses and oilseed ii) Unbalanced fertilizer use iii) Pest problem in pulses, oilseed and vegetable. iv) Poor pond management & fish nutrition. Poor management of orchard.	Seed replacement in oilseed Pest management in oilseed Fertilizer management in orchard. Weed management in oilseeds Integrated nutrient management

			Jorja Kamarpokhar Kamalpur Jakhra Padmituniya Mithunia			
		Keoti	Magarthu, Birne Bariaul Paigambarpur Rajora Chotiladha Paigambarpur Darima Itrawa Runway Bansara Nayagaon Mohanpur Banwaripatti Kahariya	1.Rice 2.Wheat 3. Pulse 4. Oilseed 5. Vegetable 6. Mango 7. Fish 8. Mushroom 9. Pigeon Pea 10. Sunflower	i) Unavailability of quality seed of cereal pulses and oilseed ii) Poor management or orchard iii) Pest problem in pulses, oilseed and vegetable. iv) Aquatic weed problem v) Lack of awareness about mushroom vi) Lack of agricultural mechanization	Seed replacement in oilseed Pest management in Vegetable Fertilizer management in orchard. Varietal Shift Integrated Pest Management Integrated Weed Management Integrated Nutrient Management New Crop Introduction Farm Mechanization through Agricultural Machinaries
		Sadar	Gausa Ghat Bijuli Mohamadpur	1.Rice 2.Wheat 3. Pulse 4. Oilseed 5. Vegetable 6. Mango	i) Unavailability of quality seed of cereal pulses and oilseed ii) Poor management or orchard iii) Pest problem in pulses, oilseed and vegetable.	Seed replacement in pulse and oilseed Fertilizer management in orchard. Pest management in Vegetable

		Bahadurpur	Jalwar Taralahi Jogiyara	1. Mustard 2. Lentil	) Unavailability of quality seed of pulses and oilseeds ii) Unbalanced use of fertilizer iii) Pest problem in pulses and oilseeds,	Seed replacement of Oilseed Integrated pest management in Pulses and Oilseed.
2.	Benipur	Benipur	Murtujapur Lawani Mahinaam	1.Rice 2.Wheat 3. Pulse 4. Oilseed 5. Vegetable 6. Mango	i) Unavailability of quality seed of cereal and pulses ii) Unbalanced use of fertilizer iii) Pest problem in pulses, oilseed and vegetable iv) Poor management of orchard	Seed replacement of Oilseed Fertilizer management in orchard. Integrated pest management in Oilseed.
3.	Biraul	Biraul	Kamalpur	1.Rice 2.Wheat 3. Pulse 4. Oilseed	i) Unavailability of quality seed of cereal and pulses ii) Unbalanced use of fertilizer iii) Pest problem in pulses and oilseed.	Seed replacement of Oilseed Integrated pest management. Integrated Nutrient management.
		Ghanshyampur	Tumaul Ghanshyampur Kumraul Pali Supaul Brahmpura Deori Korthu Dath Lagma	1.Rice 2.Wheat 3. Pulse 4. Oilseed 5. Vegetable 6. Mango	i) Unavailability of quality seed of cereal pulses and oilseed ii) Poor management or orchard iii) Pest problem in pulses, oilseed and vegetable.	Seed replacement in oilseed Pest management in Vegetable Fertilizer management in orchard.

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
Rajo	Singhwara	All mandatory activities.
Kamtaul	Jale	All mandatory activities.
Raje	Manigachhi	All mandatory activities.
Arai	Singhwara	All mandatory activities.
Patori	Hanuman Nagar	All mandatory activities.
Godhaila	Hanuman Nagar	All mandatory activities.
Panchobh	Hanuman Nagar	All mandatory activities.
Sandohi	Jale	All mandatory activities.
Chandauna	Jale	All mandatory activities.
Ghoghraha	Jale	All mandatory activities.
Garri	Jale	All mandatory activities.
Samdhaniya	Jale	All mandatory activities.
Belwara	Jale	All mandatory activities.
Manam Deo	Jale	All mandatory activities.
Jogiyara	Jale	All mandatory activities.
Muraitha	Jale	All mandatory activities.
Doghra	Jale	All mandatory activities.
Nankhar	Singhwara	All mandatory activities.
Rampura	Singhwara	All mandatory activities.
Reodha	Jale	All mandatory activities.
Sauria	Jale	All mandatory activities.
Katka	Singhwara	All mandatory activities.
Basant	Jale	All mandatory activities.
Kaji Bahera	Jale	All mandatory activities.
Jalwar	Bahadurpur	All mandatory activities
Taralahi	Bahadurpur	All mandatory activities
Dhankaul	Jale	Natural farming, Training, Demonstration, Diagnostic visit, Advisory Service
Narauchh	Jale	Training, Diagnostic visit, Advisory Service
Ratanpur	Jale	Conservation agriculture
Brahmpur	Jale	Conservation agriculture

Jale	Jale	Conservation agriculture
Sanahpur	Singhwara	Conservation agriculture
Radhi	Jale	Conservation agriculture
Jakhra	Baheri	Training, Demonstration, Diagnostic visit, Advisory Service
Dumri	Biraul	Training, Demonstration, Diagnostic visit, Advisory Service
Mirzapur	Biraul	Training, Demonstration, Diagnostic visit, Advisory Service
Parari	Biraul	Training, Demonstration, Diagnostic visit, Advisory Service
Balha	Biraul	Training, Demonstration, Diagnostic visit, Advisory Service
Mallahi	Biraul	Training, Demonstration, Diagnostic visit, Advisory Service
Gausa	Darbhanga Sadar	Training, Demonstration, Diagnostic visit, Advisory Service
Khutwara	Darbhanga Sadar	Training, Demonstration, Diagnostic visit, Advisory Service
Madhopatti	Keoti	Training, Demonstration, Diagnostic visit, Advisory Service
Ghanshyampur	Ghanshyampur	Training, Demonstration, Diagnostic visit, Advisory Service
Rasiyari	Kiratpur	Training, Demonstration, Diagnostic visit, Advisory Service
Patori	Hanumannagar	Training, Demonstration, Diagnostic visit, Advisory Service
Taralahi	Hanumannagar	Training, Demonstration, Diagnostic visit, Advisory Service
Paigambarpur	Keoti	Training, Demonstration, Diagnostic visit, Advisory Service
Rajoda	Keoti	Training, Demonstration, Diagnostic visit, Advisory Service
Chotiladha	Keoti	Training, Demonstration, Diagnostic visit, Advisory Service
Piagambarpur	Keoti	Training, Demonstration, Diagnostic visit, Advisory Service
Bariaul	Keoti	Training, Demonstration, Diagnostic visit, Advisory Service
Tataila	Jale	SCSP &Training, Demonstration, Diagnostic visit, Advisory Service
Bariaul	Bariaul	SCSP &Training, Demonstration, Diagnostic visit, Advisory Service
Muraitha	Jale	NICRA
Chandauna	Jale	NICRA
Jogiyara	Jale	NICRA
Nagardih	Jale	All mandatory activities
Bhatpokhar	Jale	All mandatory activities
Manma	Jale	All mandatory activities
Bhamarpura	Jale	All mandatory activities
		CFLD

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
5	5 (ongoing)	50	0	0	0	0	32	18	32	18	50	6	6	117	-	-	-	-	96	24	96	24	117

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
136	117	3500	499	780	0	0	1485	1213	1984	1993	3977	3500	2865	4900	686	197	0	0	7075	868	7761	1065	8826

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
700	476	16	4	0	0	122	25	138	29	167	1100	968	78	11	0	0	617	75	695	86	781

Seed production (q)			Planting material (in Lakh)		
Target (Crop and variety)	Achievement (q)	Sold (q)	Target (crop and variety)	Achievement	Sold (number)
Wheat var. HD-2967	90.0	Provide to DSF, DRPCAU, Pusa	Cabbage var. wonder	3000	3000
Lentil var. IPL-220	7.21		Cauliflower var. Megha	5000	5000
Rai var. R. Suflam	5.20		Tomato var. Kashi vishesh	2000	2000
Barley var. RD-2849	2.67		Brinjal var. 704	1000	1000
Yellow Surso	0.87		Chilli var. Kashi Abha	1000	1000
Lentil var. PSL-9	0.79		Turmeric var. R-Sonia	60 Kg	In-Stock

Green Gram var. Virat	2.19		Mango var. Maldah	950	In-Stock
Til var. Krishna	0.17				
Paddy var. R. Sweta	150.8				
Makhana var. Swarna Vaidehi	15.10	15.10 to farmer			

Livestock strains (in no's) and fish fingerlings produced (in lakh)*		**Soil, water, plant, manures samples tested (in lakh)**	
Target	Achievement	Target	Achievement
-	Produced 2.5 lakhs spawn of Labeo rohita – (Rohu)	-	30 water samples were tested in Deptt. of Fisheries at KVK, Jale
-	Produced 1.5 lakhs spawn of Cyprinus carpio (communis) – (Common carp)		

* 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			
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			
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			
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management	**1**	**7**	**7**
5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology	**1**	**7**	**7**
9	Post-harvest Technology / Value addition			
10	Others if any specify	**2**	**14**	**14**
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	1	7	7
2	Breeding management/Evaluation of Breeds			
3	Feed and Fodder management			
4	Nutrition Management			
5	Production and Management	1	7	7
6	Processing and Value addition			
7	Fisheries management			
8	Others (waste, ITK etc)			
	Total	**2**	**14**	**14**
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	1	4	22
4	Value Addition			
5	Others			
	Total	1	4	22

3.2.2 OFT (All discipline)

OFT-1

- **Thematic area:** Fruit Production
- **Problem definition/Name of OFT 1:Horticulture**

1.	Title of On farm Trial (OFT)	Assessment of 'Arka mango special' for fruit drop management in mango
2.	Problem diagnosed	Low yield due to high fruit drop in mango
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**T1:** Farmer's practice **T2:** Spray of 'Arka Mango Special' @ 5gm/lit (3 times) First Spray: at panicle emergence (Jan-Feb) Second Spray: at fruit set (Feb-Mar) Third spray – at pea stage (Mar-Apr) **T3:** NAA @ 20 ppm at pea stage followed by 2% urea
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR – IIHR, Bengaluru
5.	Production system and thematic area	Orchard Management and Fruit Production
6.	Performance of the Technology with performance indicators	1. **Technological observations** ➢ No. of flower per panicle ➢ Fruit set (%) ➢ Fruit yield per plant (kg/tree) ➢ Fruit yield (kg/ha.) 2. **Economical observations** ➢ Cost of cultivation (Rs.) ➢ Gross Return (Rs.) ➢ Net return (Rs.) ➢ B:C ratio (Rs.) 3. **Farmers Perception** Interacted with farmers and they are interested to see the result of trail.
7.	Final recommendation for micro level situation	Its Ongoing OFT
8.	Constraints identified and feedback for research	---
9.	Process of farmers participation and their reaction	---

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

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		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)

OFT-2

- **Thematic area:** Fruit Production
- **Problem definition/Name of**

1.	Title of On farm Trial (OFT)	**Assessment of different mulching material in mango**
2.	Problem diagnosed	Low productivity
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer's practice –** No mulching/ Litter fall of tree **TO 1:** Mulch of the same tree leaves **TO 2:** Paddy straw mulch **TO 3:** Tephrosia leaf mulch
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OFT Workshop, ATARI PATNA
5.	Production system and thematic area	Orchard Management and Fruit Production
6.	Performance of the Technology with performance indicators	**Observations to be recorded** 1. Moisture percentage (periodical from November first week) 2. Average Fruit weight (gm) 3. Yield per Plant (kg/tree) 4. Cost of cultivation (Rs.) 5. Gross Return (Rs.) 6. Net return (Rs.) 7. B:C ratio (Rs.)
7.	Final recommendation for micro level situation	Its Ongoing OFT
8.	Constraints identified and feedback for research	---
9.	Process of farmers participation and their reaction	---

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

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		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)

OFT-3

- **Thematic area: Health & Nutrition**
- **Problem definition/Name of OFT: Effect of Supplementary foods on the nutritional status of pre-school children(3-5years).**

1.	Title of On farm Trial (OFT)	Effect of Supplementary foods on the nutritional status of pre-school children(3-5years).
2.	Problem diagnosed	Children suffer from malnutrition.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer's Practice: consumed food available at home TO I: Multigrain ladoo "Poshtik Ladoo" (Wheat+maize+Ragi+Mung) TO II: Millet based ladoo (Sorghum+Finger millet+Pearl millet)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	DRPCAU, Pusa CES, ICAR-IIMR, Hyderabad
5.	Production system and thematic area	Children suffer from malnutrition.
6.	Performance of the Technology with performance indicators	Farmer's Practice: consumed food available at home TO I: Multigrain ladoo "Poshtik Ladoo" (Wheat+maize+Ragi+Mung) TO II: Millet based ladoo (Sorghum+Finger millet+Pearl millet)
7.	Final recommendation for micro level situation	DRPCAU, Pusa CES, ICAR-IIMR, Hyderabad
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

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

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

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

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)

OFT-4

- **Thematic area:** Fish Production
- **Problem definition/Name of OFT 1:Fisheries**

1.	Title of On farm Trial (OFT)	**Assessment of growth performance with advanced size (>50 gm) fish seed stocking of IMC**
2.	Problem diagnosed	**Low survival rate during fish culture in pond**
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer's practice: Spawn/small size fish seed stocking** **T1: Stocking of 4000 IMC of advanced size (>50 gm) in 1.5: 1: 1.5 (Catla: Rohu:Mrigal)** **T2: Stocking of 4000 IMC of advanced size (>50 gm) in 1: 2: 1 (Catla: Rohu:Mrigal)**
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR- CIFRI
5.	Production system and thematic area	• Fish Production • Disease Management
6.	Performance of the Technology with performance indicators	-
7.	Final recommendation for micro level situation	On-going
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	-

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

Thematic area	**Technology options with detailed treatments**	**Area (ha in crop & Fodder)/ Nos (in livestock)**		**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)

OFT-5

- **Thematic area:** Fish Production
- **Problem definition/Name of OFT 1:Fisheries**

1.	Title of On farm Trial (OFT)	**Performance of anaesthesia on fish seed survival during transportation in polybags**
2.	Problem diagnosed	**Mortality during fish seed transportation**
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer's practice: Without adding any preventive agent** **T1: Adding 2-Phenoxy ethanol as Anaesthia (0.5 ml/l)** **T2: Adding clove oil as anaesthia (0.5 ml/l)**
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CIFA, Odisha
5.	Production system and thematic area	• Fish Production • Disease Management
6.	Performance of the Technology with performance indicators	-
7.	Final recommendation for micro level situation	On-going
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	-

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

Thematic area	**Technology options with detailed treatments**	**Area (ha in crop & Fodder)/ Nos (in livestock)**	**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)

ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS (FLD)

A. Overall achievements of FLDs conducted during the year 2024

	Crop category	**No. of FLD**	**Area**	**No of beneficiaries**	**Yield in Demo (q/ha)**	**Yield in check (q/ha)**
1.	Cereals	**1**	**10 Acre**	**27**	**257 qtls per acre green fodder of Jowar**	**205 qtls green fodder of Jowar**
		1	**8.09**	**20**	**85.0**	**78.0**
		1	**8.09**	**20**	**Ongoing**	
2.	Oil Seed					
3.	Pulses					
4.	Horticulture Crops	**1**	**10 Acre**	**20**	**28.9 qtls (Free from fruit fly Malda Mango)**	**25.30 qtls (Malda Mango with 22.56% fruit fly infestation)**
5.	Other crops					
6.	Hybrid crop					
7.	Livestock					
8.	Fisheries	**1**	**-**	**10**	**Ongoing**	
9.	Other enterprises	**1(Kitchen Garden Kit)**	**0.05**	**20**	**Ongoing**	
10.	Women empowerment					
11.	Farm Machinery					
	Grand Total					

B. Details of FLDs conducted during the year 2024

1. Cereals

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
1	Fodder Production	Demostration of Jowar for animal fodder (Zero tillage)	27	4	633.5	512.5	19.11	14560	94950	80390	5.52	20460	76800	64340	2.75
2	HYV	Zero tillage in Wheat Variety DBW-187	20	8.09	72.0	65.0	8.09	68567	90500	21933	1.31	55774	71825	16051	1.28
3	HYV	Zero tillage in Wheat Variety DBW-187	20	8.09	ONGOING										
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
Mango	Pest Management	Mangement of fruit fly using fruit fly trap	20	4	72.25	63.25	12.5%	56580	216750	160170	2.83	50750	165750	115000	2.26
Cauliflower	Veg. Production	HYV	15	0.05	335.7	305.5	9.88	45200	167850	122650	3.71	44660	152750	108090	3.42
Chilli	Vegetable Production	HYV	15	0.05	85.2	68.4	24.56	69850	255600	185750	3.66	67100	205200	138100	3.06
Brinjal	Vegetable Production	HYV	15	0.05	356.4	262.9	35.56	60500	285120	224620	4.7	58300	210320	152020	3.6
Tomato	Veg. Production	HYV	15	0.05	519.2	475.4	9.21	61160	311520	250360	5.09	60800	285240	224440	4.62
Cowpea	Vegetable Production	HYV	15	0.05	91.06	79.8	14.11	43600	109272	65672	2.50	41420	95760	54340	2.31
Chilli	Veg. Production	HYV	20	0.05											
Cauliflower	Veg. Production	HYV	20	0.05											ONGOING

Cabbage	Veg. Production	HYV	20	0.05											
Brinjal	Veg. Production	HYV	20	0.05											
Tomato	Veg. Production	HYV	20	0.05											
Sponge guard	Veg. Production	HYV	20	0.05											
Spinach	Veg. Production	HYV	20	0.05											
French beans	Veg. Production	HYV	20	0.05											
	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 (Fisheries)

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Fish	Species diversification in aquaculture	Pungas Farming in composit fish culture system	10	2.0													Ongoing
		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										

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
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total Cereals										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total Oilseeds										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl. specify)										
Total Pulses										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										

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

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

7. Livestock

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

Rabbitry																	
Piggery																	
Sheep and goat																	
Duckery																	
Others (Pl. specify)																	
Total																	

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

8. Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (plspecify)	Species diversification in aquaculture	Pungas Farming in composit fish culture system	10	10	ongoing												

Total			

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

9. Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others(pl.specify)	01	5	5	Ongoing												
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	20	Kitchen Garden	-	-	20
Nutrigarden					
Storage Technique					
Value addition					
Women Empowerment					
Others					

Total - Women					
Children					
Health and nutrition					
Others					
Total - Children					
Other if any					
Total others					
Grand Total	20	Kitchen Garden	-	-	20

11. Farm implements and machinery

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

and machineries										
Total mechanization tools and machineries										
Others(weeding)	1	Grubber	-	5	-	-	-	-	-	-
Total	1	Grubber	-	5	-	-	-	-	-	-

* 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	02.06.2024, 12.06.2024, 16.06.2024 , 22.03.2024	4	48	Demonstrated the impact of Amur Carp incorporation with composite fish culture system (IMC + Exotic carp)
2.	Farmers Training	15.05.2024, 28.05.2024,	2	50	Awareness for fruit fly management using fruit fly trap
3.	Media coverage	23.03.2024	1	-	-
4.	Training for extension functionaries	20-24.08.2024	1	24	Regarding IFS

Technical Feedback on the demonstrated technologies (if any)

Sl. No	Crop	Feed Back

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	50	174	R. Suflam-1, HYV, Seed treatment, IPM, IWM, PGR	Local Variety	7.87	14.08	10.52	12.30	845 (-58)	1187 (-400)	1631 (-844)	7.36	50.82	107.42
2.	Rabi (2023-24)	Lentil	10	34	HUL-57, HYV, Seed treatment, IPM, IWM, PGR	Local Variety	9.13	12.46	10.17	11.32	900 (13)	1100 (-87)	1300 (-287)	1.42	20.48	42.38
3.	Rabi (2024-25)	Mustard	300	879	R. Suflam-1, HYV, Seed treatment, IPM, IWM, PGR	Local Variety	Result Awaited									
4.	Rabi (2024-25)	Linseed	20	54	Pratap Alsi-2, HYV, Seed treatment, IPM, IWM, PGR	Local Variety	Result Awaited									

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)	18600	39350	20750	2.11	21362	61500	40138	2.87	19388
2.	Lentil (2023-24)	25300	50215	24915	1.98	27310	62260	34950	2.27	10035

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 (Mandays/household)
1.	Mustard (Rabi)(2023-24)	61500	150	44	70	41	Education & Living standard	78
2.	Lentil (Rabi)(2023-24)	11320	175	50	85	52	Education & Living standard	27

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	HYV (R. Suflam-1), Sed treatment, Weed	Suitable	Variety, Weed management, Sulphur, Boron	Affordable	No	Yes	-	

	management, secondary nutrient management							
2.	HYV (HUL-57)	Suitable	Variety, Weed management, Sulphur, Boron	Affordable	No	Yes		

C. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Suitable for early and late sowing, high yield, high oil content, tolerant against aphid for R.Suflam-1	Good	Good	Positive
Suitable due to short duration of crop and also drought resistant for HUL-57	Good	Good	Positive

D. Extension activities under FLD conducted:

Sl.No.	Extension Activities organized	Place and Date of Activity Date	Total
1.	**Training and Input Distribution**	13.11.2024, 14.11.2024, 15.11.2024,16.11.2024, 17.11.2024, 18.11.2024,19.11.2014, 20.11.2024, 21.11.2024, 22.11.2024,25.11.2024, 26.11.2024 Nainaghat, Pithariyakala,Majhiyam, On campus,Rampura,Mahinam,Ghoghraha,Izarhatta, KurthoPaschimi, Harsingpur, Mithuniya,Samhauti,Jayantipur, Mitunia,Dhanauli,Dubauli, Ahiyaridakshini, Bhamarpura, Jalwar, Yogiara,Babaldhanga,Takhara,Narma,Kapchahi, Sahaspur, Manma,Kajibahera,Kapchahi, Bahadurpur,Pataniya,Taralahi,Panchobh,Gausa	879
2.	**Field Visit**	15.02.2024, 18.12.2024,20.12.2024 Belwara, KorthoPaschimi and KorthoPurbi	37
3.	**Field Day**	22.11.2024, 25.11.2024	51

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.




Media Coverages

14 प्रखंड के 35 गांव के किसानों के बीच प्रत्यक्षण कराया जा रहा : डॉ. निधि

प्रत्यक्षण योजना से 750 एकड़ में सरसो 50 एकड़ में तीसी के प्रत्यक्षण का लक्ष्य

भास्कर न्यूज | जाले

भारतीय कृषि अनुसंधान परिषद एवं राज्य सरकार संपोषित विभिन्न योजनाओं के अंतर्गत लगभग एक हजार एकड़ में केवीके जाले सरसों एवं तीसी का प्रत्यक्षण दरभंगा जिले के विभिन्न प्रखंडों में किसानों के प्रक्षेत्र में उन्नत तकनीक एवं बीज का प्रत्यक्षण कर रहा है। इस संबंध में मंगलवार को केंद्र के अध्यक्ष डॉ दिव्यांशु शेखर ने बताया कि केवीके जाले को भारत सरकार के सामुदायिक अग्रिम प्रति प्रत्यक्षण योजना के अंतर्गत 750 एकड़ सरसों एवं 50 एकड़ तीसी के प्रत्यक्षण का लक्ष्य दिया गया है। वहीं, राज्य सरकार के जलवायु अनुकूल खेती परियोजना अंतर्गत एक सौ एकड़ सरसों के प्रत्यक्षण का लक्ष्य दिया गया है। वहीं, भारतीय कृषि अनुसंधान परिषद के निकरा परियोजना अंतर्गत एक सौ एकड़ एवं अनुसूचित जाति उप योजना अंतर्गत 50 एकड़ का लक्ष्य दिया गया है। इन योजनाओं के लाभार्थियों के चयन एवं प्रत्यक्षण के लिए उन्हें प्रशिक्षण एवं विभिन्न योजनाओं अंतर्गत अनुशंसित उपादान उपलब्ध करा दिया गया है। इसमें अधिकांश जगहों पर खुवाई हो चुकी है। सामूहिक अग्रिम पंक्ति प्रत्यक्षण परियोजना के प्रभारी डॉ निधि ने बताया कि इस योजना अंतर्गत 14 प्रखंड के 35 गांव के किसानों के मध्य यह प्रत्यक्षण कराया जा रहा है। इस परियोजना के अंतर्गत किसानों को गुणवत्ता युक्त बीज, आवश्यक पोषक तत्व, खरपतवारनाशी, रोगनाशी एवं कीटनाशक उपलब्ध कराए गए हैं। राज्य सरकार संपोषित जलवायु अनुकूल खेती परियोजना अंतर्गत जाले, राढ़ी, रतनपुर, ब्रह्मपुर एवं सनहपुर गांव में कुछ किसानों के यहां शून्य जुताई विधि से सरसों का प्रत्यक्षण लगाया गया है। वहीं, अनुसूचित जाति उपयोजना के प्रभारी पूजा कुमारी ने बताया कि बिरौल प्रखंड के फकीराना गांव में सरसों का प्रत्यक्षण लगाया गया है। निकरा एवं प्राकृतिक खेती परियोजना के प्रभारी डॉ प्रदीप विश्वकर्मा ने बताया कि चंदौना, मुरैठा, जोगियारा एवं प्राकृतिक खेती परियोजना अंतर्गत धनकौल गांव में प्रत्यक्षण लगाया गया है।

दरभंगा जागरण

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कृषि विज्ञान केंद्र के प्रत्यक्षण केन्द्र में लहलहा रही तेलहनी फसलें

एक हजार एकड़ में तिलहन फसलों का हो रहा प्रत्यक्षण

जाले, सं। कृषि विज्ञान केंद्र, जाले द्वारा भारत सरकार के, भारतीय कृषि अनुसंधान परिषद एवं राज्य सरकार संपोषित विभिन्न योजनाओं से एक हजार एकड़ में सरसों एवं तीसी का प्रत्यक्षण दरभंगा जिला के सभी प्रखंडों के किसानों के प्रक्षेत्र में उन्नत तकनीक एवं बीज का प्रत्यक्षण कर रहा है। कृषि विज्ञान केंद्र के अध्यक्ष डॉ. दिव्यांशु शेखर ने बताया कि कृषि विज्ञान केंद्र, जाले को भारत सरकार के सामुदायिक अग्रिम प्रत्यक्षण योजना के अंतर्गत 750 एकड़ सरसों एवं 50 एकड़ तीसी के प्रतिक्षण का लक्ष्य दिया गया है। वही राज्य सरकार के जलवायु अनुकूल खेती परियोजना अंतर्गत 100 एकड़ सरसों के प्रत्यक्षण का लक्ष्य दिया गया है। भारतीय कृषि अनुसंधान परिषद के निकरा परियोजना अंतर्गत 100 एकड़ एवं अनुसूचित जाति उप योजना अंतर्गत 50 एकड़ का लक्ष्य दिया गया है। इन योजनाओं के लाभार्थियों के चयन एवं प्रत्यक्षण के लिए उन्हें प्रशिक्षण एवं विभिन्न योजनाओं अंतर्गत अनुशंसित उपादान उपलब्ध करा दिया गया है। उन्होंने कहा कि अधिकांश जगहों पर खुवाई हो चुकी है। सामूहिक अग्रिम पंक्ति प्रत्यक्षण परियोजना के प्रभारी डॉ. निधि ने बताया कि इस योजना अंतर्गत 14 प्रखंड के 35 गांव के किसानों के मध्य यह प्रत्यक्षण कराया जा रहा है। राज्य सरकार संपोषित जलवायु अनुकूल खेती परियोजना में जाले, राढ़ी, रतनपुर, ब्रह्मपुर एवं सनहपुर गांव के चिन्हित किसानों के यहां शून्य जुताई विधि से सरसों का प्रत्यक्षण लगाया गया है। वही अनुसूचित जाति उप योजना के प्रभारी पूजा कुमारी ने बताया कि बिरौल प्रखंड के फकीराना गांव में सरसों का प्रत्यक्षण लगाया गया है, निकरा एवं प्राकृतिक खेती परियोजना के प्रभारी डॉ प्रदीप विश्वकर्मा ने बताया कि चंदौना, मुरैठा, जोगियारा एवं प्राकृतिक खेती परियोजना अंतर्गत धनकौल गांव में प्रत्यक्षण लगाया गया है।

H. Details of budget utilization

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Sanction Amount(Rs.)	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)	Outstanding Bill(Rs.)
Mustard	i) Critical input	300	300		903000	832863		**509924**
	ii) TA/DA/POL etc. for monitoring					30400		
	iii) Extension Activities (Field Day)					24900		
	iv)Publication of literature					-		
	Total			**3382500**		**899963**	**3037**	
Linseed	i) Critical input	20	20					**144120**
	ii) TA/DA/POL etc. for monitoring							
	iii) Extension Activities (Field Day)							
	iv)Publication of literature							
	Total	**320**	**320**	**213500**	**903000**	**899963**	**3037**	**654044**

3.3 ACHIEVEMENTS ON TRAINING /CAPACITY BUILDING PROGRAMMES

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

A. Farmers and farm women including the sponsored training programme (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	23	5	28	0	0	0	0	0	0	23	5	28
Resource Conservation Technologies	5	132	156	288	2	129	131	0	0	0	134	285	419
Cropping Systems	3	16	41	57	1	16	17	0	0	0	17	57	74
Crop Diversification	2	0	62	62	0	0	0	0	0	0	0	62	62
Integrated Farming													
Water management	2	16	43	59	4	0	4	0	0	0	20	43	63
Seed production	1	0	0	0	29	22	51	0	0	0	29	22	51
Nursery management	1	0	0	0	31	15	46	0	0	0	31	15	46
Integrated Crop Management	2	30	10	40	0	52	52	0	0	0	30	62	92
Fodder production	1	25	02	27	0	0	0	0	0	0	25	02	27
Production of organic inputs	3	77	10	87	6	16	22	0	0	0	83	26	109
Others, (cultivation of crops)	7	13	50	63	151	80	231	0	0	0	164	130	294
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	0	0	0	29	28	57	0	0	0	29	28	57
Water management	1	30	0	30	0	0	0	0	0	0	30	0	30
Enterprise development	1	15	0	15	5	0	5	0	0	0	20	0	20
Skill development	1	20	0	20	0	0	0	0	0	0	20	0	20
Yield increment	1	12	4	16	0	0	0	0	0	0	12	4	16
Production of low volume and high value crops	1	23	4	27	2	4	6	0	0	0	25	8	33
Off-season vegetables	1	15	1	16	5	1	6	0	0	0	20	2	22
Nursery raising													
Export potential vegetables	1	14	0	14	0	1	1	0	0	0	14	1	15
Grading and standardization	1	16	0	16	2	2	4	0	0	0	18	2	20
Protective cultivation (Green Houses, Shade Net etc.)	1	12	8	20	0	0	0	0	0	0	12	8	20
Others, if any (Cultivation of Vegetable)	1	16	4	20	0	0	0	0	0	0	16	4	20
Training and pruning	1	14	6	20	0	0	0	0	0	0	14	6	20
b) Fruits													
Layout and Management of Orchards	1	12	6	18	3	13	16	0	0	0	15	19	34
Cultivation of Fruit	2	6	4	10	0	42	42	0	0	0	6	46	52
Management of young plants/orchards	1	16	0	16	2	0	2	0	0	0	18	0	18
Rejuvenation of old orchards													
Export potential fruits	1	10	5	15	2	2	4	0	0	0	12	7	19
Micro irrigation systems of orchards	3	53	19	72	7	4	11	0	0	0	60	23	83
Plant propagation techniques	1	9	4	13	6	1	7	0	0	0	15	5	20
Others, if any(INM)	2	45	10	55	0	0	0	0	0	0	45	10	55
c) Ornamental Plants													
Nursery Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Management of potted plants													
Export potential of ornamental plants	2	1	20	21	30	20	5	0	0	0	31	40	71
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post-harvest technology and value addition	1	8	3	11	6	1	7	0	0	0	14	4	18
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													

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
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices	01	32	05	37	1	0	1	0	0	0	33	05	38
Production of small tools and implements	01	23	04	27	10	14	24	0	0	0	33	18	51
Repair and maintenance of farm machinery and implements	03	83	24	107	0	11	11	0	0	0	83	35	118
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any	01	63	07	70	24	03	27	0	0	0	87	10	97
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													

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
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	2	41	13	54	0	0	0	0	0	0	41	13	54
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition	2	50	2	52	0	0	0	0	0	0	50	2	52
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													

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
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	64	971	532	1503	358	477	835	0	0	0	1329	1009	2338

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													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs	1	17	21	38	2	10	12	0	0	0	19	31	50
Integrated Farming													
Planting material production	2	43	8	51	6	3	9	0	0	0	49	11	60
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	2	17	14	31	5	11	16	0	0	0	22	25	47
Training and pruning of orchards													
Value addition	1	0	10	10	0	13	13	0	0	0	0	23	23
Production of quality animal products													
Dairying													
Sheep and goat rearing	1	33	1	34	6	0	6	0	0	0	39	1	40
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development	2	0	47	47	0	2	2	0	0	0	0	49	49
Para vets													
Para extension workers													
Composite fish culture	2	16	14	30	19	17	36	0	0	0	35	31	66
	2	41	21	62	0	0	0	0	0	0	41	21	62
Freshwater prawn culture	1	20	11	31	0	3	3	0	0	0	20	14	34
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology	1	6	20	26	0	2	2	0	0	0	6	22	28

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
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts	2	0	37	37	0	7	7	0	0	0	0	44	44
TOTAL	17	193	204	397	38	68	106	0	0	0	231	272	503

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													
Value addition													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security	1	0	28	28	0	0	0	0	0	0	0	28	28
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
TOTAL	1	0	28	28	0	0	0	0	0	0	0	28	28

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													

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
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post-harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	0	24	24	0	32	32	0	0	0	0	56	56
Design and development of low/minimum cost diet													
Designing and development for													

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
high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs	2	0	36	36	0	0	0	0	0	0	0	36	36
Storage loss minimization techniques													
Enterprise development	1	0	16	16	0	14	14	0	0	0	0	30	30
Value addition	2	0	35	35	0	21	21	0	0	0	0	56	56
Income generation activities for empowerment of rural Women	2	0	42	42	0	6	6	0	0	0	0	48	48
Location specific drudgery reduction technologies													
Rural Crafts	1	0	13	13	0	12	12	0	0	0	0	25	25
Capacity building	2	0	0	0	31	55	86	0	0	0	31	55	86
Women and child care													
Others, if any	2	44	38	82	0	0	0	0	0	0	44	38	82
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements	01	23	04	27	10	14	24	0	0	0	33	18	51
Repair and maintenance of farm machinery and implements	03	10	108	118	05	33	38	0	0	0	15	141	156
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any	05	93	60	153	07	22	29	0	0	0	100	82	182
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming	2	17	5	22	15	7	22	0	0	0	32	12	44
Carp breeding and hatchery management													
Carp fry and fingerling rearing	5	89	28	117	27	5	32	0	0	0	116	33	149
Composite fish culture & fish disease	1	12	18	30	0	0	0	0	0	0	12	18	30
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	1	17	4	21	0	0	0	0	0	0	17	4	21
Hatchery management and culture of freshwater prawn													
Breeding and culture of													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any Species Diversification	1	0	0	0	6	11	17	0	0	0	6	11	17
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	33	305	431	736	101	232	333	0	0	0	406	663	1069

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													

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
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL													

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Nutrient management	1	4	17	21	1	2	3	0	0	0	5	19	24
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production	1	12	1	13	1	01	2	0	0	0	13	2	15
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL	2	16	18	34	2	3	5	0	0	0	18	21	39

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
I. Crop Production													
Weed Management	1	23	5	28	0	0	0	0	0	0	23	5	28
Resource Conservation Technologies	5	132	156	288	2	129	131	0	0	0	134	285	419
Cropping Systems	3	16	41	57	1	16	17	0	0	0	17	57	74
Crop Diversification	2	0	62	62	0	0	0	0	0	0	0	62	62
Integrated Farming													
Water management	2	16	43	59	4	0	4	0	0	0	20	43	63
Seed production	1	0	0	0	29	22	51	0	0	0	29	22	51
Nursery management	1	0	0	0	31	15	46	0	0	0	31	15	46
Integrated Crop Management	2	30	10	40	0	52	52	0	0	0	30	62	92
Fodder production	1	25	02	27	0	0	0	0	0	0	25	02	27
Production of organic	3	77	10	87	6	16	22	0	0	0	83	26	109

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
inputs													
Others, (cultivation of crops)	7	13	50	63	151	80	231	0	0	0	164	130	294
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	0	0	0	29	28	57	0	0	0	29	28	57
Water management	1	30	0	30	0	0	0	0	0	0	30	0	30
Enterprise development	1	15	0	15	5	0	5	0	0	0	20	0	20
Skill development	1	20	0	20	0	0	0	0	0	0	20	0	20
Yield increment	1	12	4	16	0	0	0	0	0	0	12	4	16
Production of low volume and high value crops	1	23	4	27	2	4	6	0	0	0	25	8	33
Off-season vegetables	1	15	1	16	5	1	6	0	0	0	20	2	22
Nursery raising													
Export potential vegetables	1	14	0	14	0	1	1	0	0	0	14	1	15
Grading and standardization	1	16	0	16	2	2	4	0	0	0	18	2	20
Protective cultivation (Green Houses, Shade Net etc.)	1	12	8	20	0	0	0	0	0	0	12	8	20
Others, if any (Cultivation of Vegetable)	1	16	4	20	0	0	0	0	0	0	16	4	20
Training and pruning	1	14	6	20	0	0	0	0	0	0	14	6	20
b) Fruits													
Layout and Management of Orchards	1	12	6	18	3	13	16	0	0	0	15	19	34
Cultivation of Fruit	2	6	4	10	0	42	42	0	0	0	6	46	52
Management of young plants/orchards	1	16	0	16	2	0	2	0	0	0	18	0	18
Rejuvenation of old orchards													
Export potential fruits	1	10	5	15	2	2	4	0	0	0	12	7	19
Micro irrigation systems of orchards	3	53	19	72	7	4	11	0	0	0	60	23	83
Plant propagation techniques	1	9	4	13	6	1	7	0	0	0	15	5	20
Others, if any(INM)	2	45	10	55	0	0	0	0	0	0	45	10	55
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants	2	1	20	21	30	20	5	0	0	0	31	40	71
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post-harvest technology and value addition	1	8	3	11	6	1	7	0	0	0	14	4	18
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													

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
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	0	24	24	0	32	32	0	0	0	0	56	56
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs	2	0	36	36	0	0	0	0	0	0	0	36	36
Storage loss minimization techniques													
Enterprise development	1	0	16	16	0	14	14	0	0	0	0	30	30
Value addition	2	0	35	35	0	21	21	0	0	0	0	56	56
Income generation activities for empowerment of rural Women	2	0	42	42	0	6	6	0	0	0	0	48	48
Location specific drudgery reduction technologies													
Rural Crafts	1	0	13	13	0	12	12	0	0	0	0	25	25
Capacity building	2	0	0	0	31	55	86	0	0	0	31	55	86
Women and child care													
Others, if any	2	44	38	82	0	0	0	0	0	0	44	38	82
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices	01	32	05	37	1	0	1	0	0	0	33	05	38
Production of small tools and implements	2	46	8	54	20	28	48	0	0	0	66	36	102

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
Repair and maintenance of farm machinery and implements	6	93	132	225	5	44	49	0	0	0	98	176	274
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any	6	156	67	223	31	25	56	0	0	0	187	92	279
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming	2	17	5	22	15	7	22	0	0	0	32	12	44
Carp breeding and hatchery management													
Carp fry and fingerling rearing	5	89	28	117	27	5	32	0	0	0	116	33	149
Composite fish culture & fish disease	1	12	18	30	0	0	0	0	0	0	12	18	30
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	3	58	17	75	0	0	0	0	0	0	58	17	75
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition	2	50	2	52	0	0	0	0	0	0	50	2	52
Others, if any	1	0	0	0	6	11	17	0	0	0	6	11	17
IX. Production of Inputs at site													
Seed Production													
Planting material production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	97	1276	963	2239	459	709	1123	0	0	0	1735	1672	3407

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													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs	1	17	21	38	2	10	12	0	0	0	19	31	50

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
Integrated Farming													
Planting material production	2	43	8	51	6	3	9	0	0	0	49	11	60
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	2	17	14	31	5	11	16	0	0	0	22	25	47
Training and pruning of orchards													
Value addition	1	0	10	10	0	13	13	0	0	0	0	23	23
Production of quality animal products													
Dairying													
Sheep and goat rearing	1	33	1	34	6	0	6	0	0	0	39	1	40
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development	2	0	47	47	0	2	2	0	0	0	0	49	49
Para vets													
Para extension workers													
Composite fish culture	2	16	14	30	19	17	36	0	0	0	35	31	66
	2	41	21	62	0	0	0	0	0	0	41	21	62
Freshwater prawn culture	1	20	11	31	0	3	3	0	0	0	20	14	34
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology	1	6	20	26	0	2	2	0	0	0	6	22	28
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts	2	0	37	37	0	7	7	0	0	0	0	44	44
TOTAL	17	193	204	397	38	68	106	0	0	0	231	272	503

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													
Value addition													
Integrated Pest Management													
Integrated Nutrient management	1	4	17	21	1	2	3	0	0	0	5	19	24
Rejuvenation of old orchards													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production	1	12	1	13	1	01	2	0	0	0	13	2	15
Household food security	1	0	28	28	0	0	0	0	0	0	0	28	28
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
TOTAL	3	16	46	62	2	3	5	0	0	0	18	49	67

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of SC/ST			Number of participants (others)			Over all participants
					M	F	Total	M	F	Total	
Crop Production	PF	Weed Management	1	Off	0	0	0	23	5	28	28
Crop Production	PF	Resource Conservation Technologies	5	Off	2	129	131	132	156	288	419
Crop Production	PF	Cropping Systems	3	Off	1	16	17	16	41	57	74
Crop Production	PF	Crop Diversification	2	Off	0	0	0	0	62	62	62
Crop Production	PF	Water management	2	Off	4	0	4	16	43	59	63
Crop Production	PF	Seed production	1	Off	29	22	51	0	0	0	51
Crop Production	PF	Nursery management	1	Off	31	15	46	0	0	0	46
Crop Production	PF	Integrated Crop Management	2	Off	0	52	52	30	10	40	92
Crop Production	PF	Fodder production	1	Off	0	0	0	25	02	27	27

Crop Production	PF	Production of organic inputs	3	Off	6	16	22	77	10	87	109
Crop Production	PF	cultivation of crops	7	Off	151	80	231	13	50	63	294
Horticulture	PF	Integrated nutrient management	1	Off	29	28	57	0	0	0	57
Horticulture	PF	Water management	1	Off	0	0	0	30	0	30	30
Horticulture	PF	Enterprise development	1	Off	5	0	5	15	0	15	20
Horticulture	PF	Skill development	1	Off	0	0	0	20	0	20	20
Horticulture	PF	Yield increment	1	Off	0	0	0	12	4	16	16
Horticulture	PF	Production of low volume and high value crops	1	Off	2	4	6	23	4	27	33
Horticulture	PF	Off-season vegetables	1	Off	5	1	6	15	1	16	22
Horticulture	PF	Export potential vegetables	1	Off	0	1	1	14	0	14	15
Horticulture	PF	Grading and standardization	1	Off	2	2	4	16	0	16	20
Horticulture	PF	Protective cultivation (Green Houses, Shade Net etc.)	1	Off	0	0	0	12	8	20	20
Horticulture	PF	Others, if any (Cultivation of Vegetable)	1	Off	0	0	0	16	4	20	20
Horticulture	PF	Training and pruning	1	Off	0	0	0	14	6	20	20
Horticulture	PF	Layout and Management of Orchards	1	Off	18	3	13	1	12	6	34
Horticulture	PF	Cultivation of Fruit	2	Off	10	0	42	2	6	4	52
Horticulture	PF	Management of young plants/orchards	1	Off	16	2	0	1	16	0	18
Horticulture	PF	Export potential fruits	1	Off	15	2	2	1	10	5	19
Horticulture	PF	Micro irrigation systems of orchards	3	Off	72	7	4	3	53	19	83

Horticulture	PF	Plant propagation techniques	1	Off	13	6	1	1	9	4	20
Horticulture	PF	INM	2	Off	55	0	0	2	45	10	55
Horticulture	PF	Export potential of ornamental plants	2	Off	30	20	5	1	20	21	71
Horticulture	PF	Post-harvest technology and value addition	1	Off	6	1	7	8	3	11	18
Home Sc.	PF	Household food security by kitchen gardening and nutrition gardening	2	Off	0	32	32	0	24	24	56
Home Sc.	PF	Gender mainstreaming through SHGs	2	Off	0	0	0	0	36	36	36
Home Sc.	PF	Enterprise development	1	Off	0	14	14	0	16	16	30
Home Sc.	PF	Value addition	2	Off	0	21	21	0	35	35	56
Home Sc.	PF	Income generation activities for empowerment of rural Women	2	Off	0	6	6	0	42	42	48
Home Sc.	PF	Rural Crafts	1	Off	0	12	12	0	13	13	25
Home Sc.	PF	Capacity building	2	Off	31	55	86	0	0	0	86
Home Sc.	PF	Kitchen Gardening	2	Off	0	0	0	44	38	82	82
Agril. Engg.	PF	Use of Plastics in farming practices	01	Off	1	0	1	32	05	37	38
Agril. Engg.	PF	Production of small tools and implements	2	Off	20	28	48	46	8	54	102
Agril. Engg.	PF	Repair and maintenance of farm machinery and implements	6	Off	5	44	49	93	132	225	274
Agril. Engg.	PF	Others, if any	6	Off	31	25	56	156	67	223	279
Fisheries	PF	Integrated	2	Off	15	7	22	17	5	22	44

		fish farming									
Fisheries	PF	Carp fry and fingerling rearing	5	Off	27	5	32	89	28	117	149
Fisheries	PF	Composite fish culture & fish disease	1	Off	0	0	0	12	18	30	30
Fisheries	PF	Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	3	Off	0	0	0	58	17	75	75
Fisheries	PF	Fish processing and value addition	2	Off	0	0	0	50	2	52	52
Fisheries	PF	Fish culture	1	Off	6	11	17	0	0	0	17

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

Total no of training organised	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

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

Total no of training organised	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

3.5. A. ACHEVEMENTS OF EXTENSION/OUTREACH ACTIVITIES

(Including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers					Extension Officials					Total				
		M	F	Total	SC (no.)	ST (no.)	M	F	Total	SC (no.)	ST (no.)	M	F	Total	SC (no.)	ST (no.)
Kisan Mela organized	1	1777	1291	3068	343	0	68	26	94	11	0	1845	1317	3162	354	0
Kisan Mela participated	2	1908	1363	3271	405	0	76	31	107	15	0	1984	1394	3378	420	0
Field Day	6	45	23	68	8	0	0	0	0	0	0	45	23	68	8	0
Kisan Ghosthi	4	727	431	1158	121	0	16	9	25	6	0	743	440	1183	127	0
Exhibition organized	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Participation in exhibition	5	435	188	623	75	0	0	0	0	0	0	435	188	623	75	0
Film Show	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Method Demonstrations	4	89	18	107	18	0	0	0	0	0	0	89	18	107	18	0
Farmers Seminar	1	38	9	47	6	0	0	0	0	0	0	38	9	47	6	0
Workshop	9	121	77	198	26	0	0	0	0	0	0	121	77	198	26	0
Group discussion	28	165	17	182	24	0	0	0	0	0	0	165	17	182	24	0
Lectures delivered as resource persons	17	473	101	574	69	0	0	0	0	0	0	473	101	574	69	0
Advisory Services	398	752	462	1214	135	0	0	0	0	0	0	752	462	1214	135	0
Scientific visit to farmers field	452	1458	564	2022	298	0	0	0	0	0	0	1458	564	2022	298	0
Farmers visit to KVK	6037	3155	2882	6037	725	0	0	0	0	0	0	3155	2882	6037	725	0
Diagnostic visits	531	905	406	1311	143	0	0	0	0	0	0	905	406	1311	143	0
Exposure visits	71	5290	3775	9065	1056	0	0	0	0	0	0	5290	3775	9065	1056	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	1	68	0	68	7	0	0	0	0	0	0	68	0	68	7	0
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1	15	9	24	5	0	0	0	0	0	0	15	9	24	5	0
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Special day celebration	7	689	452	1141	168	0	0	0	0	0	0	689	452	1141	168	0
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	12	153	61	214	36	0	0	0	0	0	0	153	61	214	36	0
Celebration of important date	19	1054	499	1553	178	0	0	0	0	0	0	1054	499	1553	178	0

B. Other Extension/content mobilization activities

Nature of Extension Activity		**No. of activities**
Newspaper coverage		
Radio talks	2	1. Phone in live programme Hello Zindagi at Akashwani Darbhanga by Dr. Dibyanshu Shekhar Head, KVK-Darbhanga 2. Doordarshan New Delhi on Scientific Singhara Cultivation by Dibyanshu Shekhar Head, KVK-Darbhanga)
TV talks	1	(Machhli Palan dt. 13 Nov. 2024 on DD Kisan Delhi of Dr. Pawan Kumar Sharma SMS (Fisheries)
Popular articles published		
Extension Literature		
Electronic media		
Any other		

C. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Awareness	01	68	-

D. Celebration of important days in KVKs

Celebration of Important Days	**No. of activities**	**Farmers**			**Extension Officials**			**Total**		
		M	**F**	**Total**	**M**	**F**	**Total**	**M**	**F**	**Total**
Republic day (26th Jan.)	1	60	90	150	42	26	68	102	116	218
International Women's Day (8th Mar.)	0	0	0	0	0	0	0	0	0	0
Ambedkar Jayanti (14th Apr.)	0	0	0	0	0	0	0	0	0	0
World's Veterinary Day	0	0	0	0	0	0	0	0	0	0

(Last week of April)										
World 'Milk Day	0	0	0	0	0	0	0	0	0	0
International Yoga Day (21st Jun.)	1	20	17	37	4	0	4	24	17	41
Independence Day (15th Aug.)	1	72	18	90	30	12	42	102	30	132
Parthenium Awareness Week	6	108	67	175	0	0	0	108	67	175
Hindi Diwas (14th Sep.)	0	0	0	0	0	0	0	0	0	0
Gandhi Jayanti (2nd Oct.)	1	48	12	60	15	11	26	63	23	86
Mahila Kisan Diwas (15th Oct.)	0	0	0	0	0	0	0	0	0	0
World Food Day (16th Oct.)	0	0	0	0	0	0	0	0	0	0
Vigilance Awareness Week	0	0	0	0	0	0	0	0	0	0
National Unity Day (31st Oct.)	0	0	0	0	0	0	0	0	0	0
World Science Day (10th Nov.)	0	0	0	0	0	0	0	0	0	0
National Education Day (11th Nov.)	0	0	0	0	0	0	0	0	0	0
Fisheries day (21 Nov)	0	0	0	0	0	0	0	0	0	0
National Constitution Day (26th Nov.)	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.)	0	0	0	0	0	0	0	0	0	0

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	PM kisan Samman Nidhi Live program	Hon'ble PM	300	14	2	316
2.	18/06/2024	Kisan Samman Nidhi Live Programme	Hon'ble PM	358	11	2	371
3.	23/09/2024	Inaugural and technological week	Hon'ble AM Govt. of Bihar	531	11	6	548
4.	23/09/2024	Climate Resilient Agriculture awareess cum interaction programme	Hon'ble or Argil Minister Govt. of Bihar	434	16	8	458
5.	05/10/2024	Release of PM Kisan Samman Nidhi	Hon'ble PM	398	12	1	411
6.	08/12/2024	Kisan Chaupal	-	60	10	1	71

3.5 A. PRODUCTION AND SUPPLY OF TECHNOLOGICAL PRODUCTS

A. Seed production at seed village

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

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 var. HD-2967 Paddy var. R. Sweta Barley var. RD-2849	90.0 150.8 2.67					
Oil seed	Rai var. R. Suflam Til var. Krishna Yellow Surso	5.20 0.17 0.87					
Pulses	Lentil var. IPL-220 Green Gram var. Virat	7.21 0.79					
Green Manure							
Commercial crop	Makhana var. Swarna Vaidehi	15.10	453000				
Vegetables							
Fodder							
Spices							
Fruits	Orchard Auction		251000				
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	Megha	5000	5000	24	0	176	200
Cabbage	Wonder	3000	3000	18	0	132	150
Tomato	Kashi Vishesh	2000	2000	7	0	43	50
Brinjal	704	1000	1000	9	0	41	50
Chilli	Kashi Abha	1000	1000	11	0	49	60
Onion							
Others							
Commercialseedlings							
Mulberry							
Sugarcane,							
Sweet Potato							
Turmeric							
Zinger							
Others							
Fruitsseedlings							
Mango	Maldah	950	142000				In Stock
Guava							

Lime							
Papaya							
Banana							
Ornamental plants							
Marigold							
Annual chrysanthemum							
Tuberose							
Others							
Medicinal and Aromatic							
Plantation							
Tuber Elephant yams							
Spices							
Turmeric	R-Sonia	60 Kg.	2400				In-stock
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**
Sagaun	-	120	12000	-	-	-	-

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	1500	12000	5	0	35	40
Bio-food(Spirulina etc)						
Bio-pesticide						
Bio-agents (Trichocardetc)						
Worms (earthworm, silk worms etc)						
Bio-fungicide						
Others, please specify (Mushroom spawn, Culture Mineral Mixture, Coir pith compost, Cow dung, Cow urine						
Total						

G. Production of livestock & fisheries materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat							
Other, please specify							
Poultry							
Broilers							
Layers							
Duals (broiler and layer)							
Japanese Quail							
Turkey							
Emu							
Ducks							
Others (Pl. specify)							
Piggery							
Piglet							
Hog							
Others (Pl. specify)							
Rabbitry							
Fisheries							
Indian carp	1	Produced 2.5 lakhs spawn of Labeo rohita – (Rohu)					
Exotic carp	1	Produced 1.5 lakhs spawn of Cyprinus carpio (communis) – (Common carp)					
Mixed carp							
Fish fingerlings							
Spawn							
Others (Pl. specify)							
Grand Total							

H. SOIL & WATER TESTING

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

Sl. No	Name of the Equipment	Qty.
01.	PH meter	02
02.	Mridaparikshak	02
03.	Spectrophotometer	01
04.	Flame Photometer	01
05.	Heating plate	02
06.	Shaker	02
07.	Electronic Balance	01

08.	Kjeldahl flask	01
09.	Titration machine	02
10.	Incubator	01
11.	Multitester machine for water PH,TDS,EC,Salini etc.	01
12.	DO Meter for water	01

b. Details of samples analyzed so far

Total number of soil samples analyzed till now		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
150	100	250

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	250	10	250	-
2.	Water	50	10	50	-
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.)

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

1. Name of Seed Hub Centre:

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

2. Quality Seed Production of Pulses

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				
2019-20				
2020-21				
2021-22				
2022-23				
2023-24				
2024-25				

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	Kumar, V., Pathak, A., Kanth, N., Kumar, A., Nanda, G., Vishwakarma, P. K., ... & Panda, A. K. (2025). Unveiling the amalgamation of growing substrates and cultivars for low-cost plantlet multiplication in banana. South African Journal of Botany, 176, 87-92.	8.7	
		Vishwakarma, P. K., Vasugi, C., Nandeesha, P., Ravishankar, K. V., &Shivashankara, K. S. (2024). Characterization of interspecific hybrid progenies of guava using morphological, biochemical and molecular traits. Genetic Resources and Crop Evolution, 1-17.	7.6	
		Vishwakarma, P. K., Vasugi, C., Varalakshmi, L. R., &Shivashankara, K. S. (2024). Screening of Psidium Species and Interspecific Hybrid Progenies for Salinity Stress Tolerance. Journal of Plant Growth Regulation, 1-16.	9.9	

B. Details of Other Publications

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

C. Details of Extension Publications

Particulars	Details of publication (Totle, authors name, organization)	No of copies published (if any)	No of copies distributed (if any)
Extension Bulletins published			
Agro-advisory bulletins			
Extension folders/leaflet/pamphlets	Singhara ka Unnatshee Utpadan	1000	1000
	Aam ka unnatsheel Prabandhan	1000	1000

	Makhana ka unnatsheel utpadan	1000	1000
	Machhli palan talab me jal gunvatta prabandhan	2000	2000
Technical reports			
News letter			
Electronic Publication (CD/DVD etc)			
TOTAL			

D. Details of HRD programmes undergone by KVK personnel

Sl. No.	Name of KVK personnel	designation	Name of course/training program attended	Date	Duration	Organizer/Venue
1.	Dr. Dibyanshu Shekhar	Sr. Scientist & Head	NABARD Rural Mart opening ceremony	04/02/2024	1	Darbhanga
2.	Dr. Dibyanshu Shekhar	Sr. Scientist & Head	FPO Review Meeging	09/02/2024	1	Darbhanga
3.	Dr. Dibyanshu Shekhar	Sr. Scientist & Head	Workshop on paramparagat Kheti	24/02/2024	1	Darbhanga
4.	Dr. Pradeep Kr. Vishwakarma	SMS (Horticulture)	Natural Farming Workshop	20/03/2024	1	RPCAU, Pusa
5.	Dr. Dibyanshu Shekhar	Sr. Scientist & Head	Kharif Mahotsab	28/05/2024	1	Darbhanga
6.	Dr. Dibyanshu Shekhar	Sr. Scientist & Head	Agriculture Mechanization Fair	09/07/2024	1	Darbhanga
7.	Dr. Dibyanshu Shekhar	Sr. Scientist & Head	Jeevika Job Fair	22/08/2024	1	Darbhanga
8.	Dr. Dibyanshu Shekhar	Sr. Scientist & Head	Annual Zonal Workshop	29-31 Aug. 2024	3	BAU, Sabour
9.	Dr. Pradeep Kr. Vishwakarma	SMS (Horticulture)	Natural Farming Workshop	26/09/2024	1	RPCAU, Pusa
10.	Er. Nidhi Kumari	SMS (Agril. Engg.)	National conference on National Disaster Management and CRA	26/09/2024	1	RPCAU, Pusa
11.	Er. Nidhi Kumari	SMS (Agril. Engg.)	Kisan Gosthi at Sonpur Mela	02/12/2024	1	RPCAU, Pusa
12.	Dr. Pradeep Kr. Vishwakarma	SMS (Horticulture)	Kisan Gosthi at Sonpur Mela	02/12/2024	1	RPCAU, Pusa
13.	Dr. Pradeep Kr. Vishwakarma	SMS (Horticulture)	Amrit Mahotsav	02/12/2024	1	Madhubani

E. Awards/Recognition Institutional Award received by KVK

Sl. No.	Name of KVK	Name of the Award	Value (In Amount/kind)	Achievement	Conferring Authority
1	KVK, Jale, Darbhanga	Best Exhibition Stall	-	1st Prize	KVK, Basaith Madhubani

Award received by KVK Scientists

Sl.	Name of KVK personnel	Name of the Award	Value (In Amount/kind)	Achievement	Conferring Authority
1.	Dr. Pawan Kr. Sharma SMS (Fisheries)	Appreciation Award in the 11th International Conference on Fisheries and Aquaculture 2024 held at Bangkok, Thailand from 26th to 27th Sept. 2024	-	1. Participated as chair and co-chair of the session of oral presentation on fish breeding and nutrition during the conference 2. Received appreciation award	The International Institute Of Knowledge Management Bangkok, Thailand
2.	Er. Nidhi Kumari, SMS (Agril. Engg.)	Best Oral Presentation award in International conference on Advanced agriclutural technologies on 11 Feb. 2024	-	Best oral presentation	KVK, Piprakothi East Champaran-1

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
1.	KVK-Darbhanga	Sri Dhirendra Kumar	Best Mango variety	Belwara Darbhanga	6204410073	-	Best Mango variety farmer	RPCAU, Pusa

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 area	Brief details of the area	No. of farmers benefitted	Horizontal spread (in area/no.)	% Adoption	Impact of the technology in subjective terms	Impact of the technology in objective terms	Change in income (Rs.)	
							Before (Rs./Unit)	After (Rs./Unit)
Enhancement of production and productivity by seed replacement		3718		41%			21250/ha	23231/ha
Scientific Management viz. Seed treatment, Line sowing, INM,IPM		14257		35%			18245/ha	19204/ha
Increase productivity of different vegetable crop		609		29%			63250/ha	64291/ha
Vermi-compost Production		701		14%			14500/unit	15002/unit
Seed production of cereal and pulses		506		18%			51500/ha	51968/ha
Mithila painting		151		20%			15000/yr	15687/yr
Value addition of Fruits & vegetables		235		21%			22000/yr	22009/yr
Enhancement of fish production		688		24%			250000/ha	250107/ha

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

B. Details of entrepreneurship/startup developed by KVK

Entrepreneurship development	
Name of the enterprise	Arpan Enterprise
Name & complete address of the entrepreneur	Panchobh, Hanumannagar
Role of KVK with quantitative data support:	Technical guidance and Hands on practical trainimng
Timeline of the entrepreneurship development	2023
Technical Components of the Enterprise	Processing of makhana
Status of entrepreneur before and after the enterprise	-
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Raw Material Availability labour availability Consumer preference marketing the product
Horizontal spread of enterprise	

C. Success stories/Case studies, if any

Name of farmer	Mr. Ranjeet Kumar	
Address	Vill: Ratanpur PO: Ratanpur Block: Jale Distt: Darbhanga (Bihar)	
Contact details (Phone, mobile, email Id)	7079795512	
Landholding (in ha.)	3.5 (ha)	
Name and description of the farm/ enterprise	Maize-Potato Intercropping systems: holistic approach to earn and sustain livelihood.	
Economic impact	Before the adoption of intercropping model Mr. Rajeet Kumar was growing only Cereal based conventional farming system and getting yield; Paddy-20.0 q/ha, Wheat-24.2 q/ha, Mustard-6.0q/ha, Lentil-6.50q/ha, Green Gram- 6 q/ha, Sunflower- 26.75 q/ha and earning an annual profit of Rs. 154789. Now after adopting Maize-Potato Intercropping system along with cereal farming he is producing Paddy-30q/ha,Wheat-34 q/ha, Mustard-8.1q/ha, Lentil-09q/ha, Green Gram-11.00q/ha, Sunflower- 27.5 q/ha, maize - 111.25q/ha, Potato- 215.69q/ha and getting an annual profit of Rs.348759.	

Social impact	Mr. Ranjeet Kumar is cultivating and selling potato and maize that have proven nutritional benefits. He received award and appreciation letter from different organizations for the progressive work in the field of Maize-Potato Intercropping system. All these factors set him as a motivational source of inspiration among rural youth who wants to involve in agriculture sector rather than other jobs.
Environmental impact	On farms, the climatic change affect in terms of reducing the crop yields, nutritional quality of major cereals crops and lowering livestock productivity. Adopting the new varieties that are environmentally sustainable, not only increase the productivity of farmers but also the nutritional quality remains maintain and it will also support our environment to sustain.
Horizontal/ Vertical spread	After seeing the success of Mr. Ranjeet Kumar and getting recognized for his work, the other farmers of that area are adopting his technology.

Impact analysis of the farmer:

Impact factor	Before adoption	After adoption
Farmer practice	Cereal based conventional farming	Maize-Potato Intercropping along with Cereal based farming
Yield of product (qt.)	Paddy-20.0 q/ha Wheat-24.2 q/ha Mustard-6.0q/ha Lentil-6.50q/ha Green Gram- 6 q/ha Sunflower- 26.75 q/ha Maize-92.87 q/ha Potato-115.71q/ha	Paddy-30q/ha Wheat-34 q/ha Mustard-8.1q/ha Lentil-09q/ha Green Gram-11.00q/ha Sunflower- 27.5 q/ha Maize-131.48 q/ha Potato- 215.68q/ha
Gross Cost (Rs.)	134879	167829
Gross income (Rs.)	289668	516588
Net profit (Rs.)	154789	348759
B:C ratio	2.14	3.07
Marketing	Trough middle man	Through middle man, self and digital market
Dissemination of knowledge in the locality	-	Yes
Feeling of economic security based on 1 – 5 scale*	1	4
Knowledge gain based on 1 – 5 scale*	1	4
Ability to understand and solve	1	5

problems based on 1-5 scale*		
Self image in community based on 1-5 scale*	1	5
Self confidence based on 1-5 scale*	2	5

*1-5 scale indicates 1 = lowest and 5 = highest

D.

Action Photograph

Scientist visit at farmer's field

Maize Potato intercropping system at farmer's field

5. LINKAGES

5.1. Functional linkage with different organizations

Name of Organizations	Nature of Linkages
1. Department of Agriculture, Darbhanga and allied department	For selection of farmers, Kisan Mela, Training, Workshop, Meeting, Programme participation etc.
2. Block Development Officers and Block Agriculture Officer	For administrative as well as technology transfer activities
3. KVK, ChanpuraBasaitha (Madhubani)	For resource person and transfer of technology
4. KVK, Sithamarhi	For resource person and transfer of technology
5.KVK, Saraiya Muzaffarpur	For resource person and transfer of technology
6 KVK Seohar	For resource person and transfer of technology
7. Dr RPCAU, Pusa	Resource person for training/training programme and other related works for KVK
8. Directorate of Seed and Farm, TCA, Dholi	For seed supply
9. National Research Centre for Makhana (ICAR)	For training of Makhana, Joint Demonstration for development of Makhana
10. ATMA, Darbhanga	For technology transfer
11.Central Potato Research Station, Patna	For potato development and seed supply
12.NABARD, Darbhanga/SBI and other bank	For credit to farmers & training
13.DHO, Darbhanga	Planting materials
14. DFO, Darbhanga	For technology transfer

15. Nehru Yuva Kendra	For technology transfer
16.JEEVIKA	Training to self help group.
17.Aga Khan Fundation, New Delhi	For training to self help group
18.COF, Dholi	For quality fish seed
19.CRIDA, Hyderabad	Funding and Technical guidence for NICRA Project
20.BISA, Pusa	Technical Support
21. IARI Regional Station Pusa, Samastipur	Technical and Logistic support
22. Department of Agriculture, Darbhanga and allied department	For selection of farmers, Kisan Mela, Training, Workshop, Meeting, Programme participation etc.

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.)
Cleaniliness of drainage system under KVK premises	For betterment and clealiness of KVK farm	2023-24	MGNAREGA	629109.0
1000 ft PCC road from KVK Farmers hostel to KVK Farm	Better connectivity & movement	2023-24	MGNAREGA	About 18 Lakh

(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.)
National Seminar	Prospects of Horticulture crops in Mithila	23-24/10/2024	State Level	50000/-

6. PERFORMANCE INDICATORS

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

Sl. No.	Name of demo Unit	Year of estt.	Area(Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/ breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Vermi-compost	2011	240 ft^2			897	2500	5721	
2.	Mushroom Hut	2016	200 ft^2			-	-	-	
3.	Azolla	2016	20 ft^2	*Azolla pinnata*	Azolla	2.0 qt.	-	-	
4.	Mushroom Hut	2019	61.75Sq.m (9.5x6.5)						
5.	Vermi compost unit	2019	56 Sq.m (8x7)	*Eisenia foetida*	Vermi compost worms	26.47 qt.	6000	16509	

6.	Azolla unit	2019	48(8x6)	Azolla	Azolla	2.0 qt.			
7.	Poly House	2019	200 m^2(25x8)	Vegetable seedling	Seedlings	-	2000	6000	
8.	Net House	2019	200 m^2(25x8)	Vegetable seedling	Seedlings	-	3000	6700	
9.	Vermi Compost Shed	2021	25x12 Sq.ft						
10.	Vermi compost unit	2021	(10ft x 4ft x 3ft)						
11.	Farm Implement Shed	2021	(125ft x 40ft)						

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	15/11/2023	12/04/2024	3.5	HD-2967	C/S	90.0	200000	4500000	
Lentil	12/11/2023	15/03/2024	1.4	IPL-220	C/S	7.21	15000	80000	
Rai	25/10/2023	10/03/2024	2.0	R. Suflam	T/L	5.20	15000	52000	
Barley	15/11/2023	25/03/2024	0.01	RD-2849	T/L	2.67	1500	15000	
Yellow Surso	15/11/2023	10/03/2024	1	-	T/L	0.87	1500	3000	
Lentil	12/11/2023	10/03/2024	0.01	PSL-9	T/L	0.79	2000	4000	
Green Gram	10/03/2024	25/05/2024	2.0	Virat	C/S	2.19	20000	40000	
Til	10/03/2024	15/06/2024	0.5	Krishna	T/L	0.17	1000	1700	
Paddy	15/07/2024	15/11/2024	3.5	R. Sweta	F/S	150.8	200000	550000	
Makhana	10/01/2024	25/11/2024	0.684	Swarna Vaidehi	T/L	15.10	60000	453000	

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	1500	6000	12000	

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.							

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
Aug. 2010	IMD	Not working
Repaired-31/10/2023	IMD	Working
22/09/2024	New AWS System	Working

6.7 Utilization of staff quarters

- Whether staff quarters have been completed: Needs to be repaired
- No. of staff quarters: 05
- Date of completion: -
- Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
Dr. Dibyanshu Shekhar (From July 2019 to till date)	Yes					
Dr. Pradeep Kumar Vishwakarma (From Jan 2024 to till date)		Yes				

6. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
KVK, Jale, Main A/C	SBI	Jale, Darbhanga	35306828654
Revolving Fund	SBI	Jale, Darbhanga	35307134619
Revolving NHM	SBI	Jale, Darbhanga	35307110858
Krishi Vigyan Kendra, Jalley	SBI	Jale, Darbhanga	38674510730
KVK Jalley Natural Farming	SBI	Jale, Darbhanga	42092070444
KVK Jalley CFLD Oilseed	SBI	Jale, Darbhanga	42411908650
KVK Jalley CFLD Pulse	SBI	Jale, Darbhanga	42417078632

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	-	903000	-	899963	3037
Linseed	-		-	-	-

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2024
	Kharif	Rabi	Kharif	Rabi	
-	-	-	-	-	-

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

S.l. No.	Head/Scheme	Sanctioned Amount(Rs.)	OB as on 01/04/2024	Release Amount(Rs.) 2024-25	Total	Expenditure(Rs.) upto 31-12-2024	Balance(Rs.)
1	**TA**	100000		245223 dt.06-06-2024 147800 dt. 14/11/2024 275800 dt.18-12-2024	668823	67975	32025
2	**HRD**	25000				6247	18753
3	**CNC(O)**	394000				308077	85923
4	**Training**	246000				273147	-27147
5	**OFT**	50000				2178	47822
6	**FLD**	100000				72400	27600
7	**Building Maintenace**	30000				25292	4708
8	**Exhibition and kisan mela**	40000				0	40000
Total		**985000**		**668823**	**668823**	**755316**	**229684**
9	**SCSP General**	500000		399844	399844	300342	99502
10	**SCSP Capital**	120000		96000	96000	-	96000
11.	**NICRA Project**	1150000		927461	927461	716161	211300
12	**FPO**	362901		-	362901	-	362901
13	**CFLD Oilseed**	3382500		900106	900106	900000	106
14	**CFLD Linseed**	213500					
15	**Natural Farming**	1229		-	1229	-	1229

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	1105283.24	1004862.20	1075952.26	1034193.18
2023	1034193.18	1016332.00	1188726.52	861798.66 + 800000 (As on 31/12/2023)
2024	1445798.66	1759730	763945.70	2441582.96 +300000 due on DSF (As on 31/12/2024)

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

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both
Farmers Scientists Interaction	1	Rabi	-	Yes	Both
District Level Workshop	1	Kharif	Yes	Yes	Both

7.8 Revenue generation

Sl.No.	Name of Head	Income (Rs.)	Sponsoring agency
1.	Sale of Makhana seed	393000.00	Revolving Fund
2.	Sale of Makhana seed	30000+15000=45000	Revolving Fund
3.	Jeevika	40000	Jeevika

7.9 Resource Generation

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1.	Orchard Auction(NHM)	Orchard Auction	NHM	285000.00	-
2.	Jeevika	Institutional charge	DPCU, Jeevika	40000.00	-
3.	Custum Hiring Charge	LLL, Zero tillage,	Revolving Fund	70000.00	

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)

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 (No.)	Coverage by other channels (No.)
				Attended the programm	Chairman ZilaPanch ayat	Distt. Collector/ DM	Bank Officials	Farmers	Officials, PRI members	Total		

8.7.Vikisit Viksit Bharat Sanklap Yatra

Sl.	No of events attended	No. of Gram Panchayat covered	Total no of farmer participated	No of Lecture Delivered on Soil Health/ Natural Farming
1.	25	25	7700	50

8.8. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK
Bihar	Darbhanga	Contingent Crop Planning for paddy crop	01	35	Recommended to adopt alternate crop of short duration like millets or vegetables

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	VIP/Ministers/ MP/MLA/DM/VC/Zila Parishad/Other Head of Organization/Foreigners/other Dignitaries	Name of Ministry/Organization	Salient points in his/ her observation (2-3 bulleted points)
29/01/2024	Dr D.K. Rai Director Seed , RPCAU, Pusa	RPCAU, Pusa	The seed production programme is at KVK, Jale is excillent. The crop condition is very satisfactory.
29/01/2024	Dr D.K. Rai Director Seed , RPCAU, Pusa	RPCAU, Pusa	-
29/01/2024	Dr. Udit Kumar Head Horticulture	RPCAU, Pusa	-

Date of Visit	VIP/Ministers/ MP/MLA/DM/VC/Zila Parishad/Other Head of Organization/Foreigners/other Dignitaries	Name of Ministry/Organization	Salient points in his/ her observation (2-3 bulleted points)
16/02/2024	Dr D.K. Rai, Director Seed &Farm	RPCAU, Pusa	-
16/02/2024	Dr. Udit Kumar Head Horticulture	RPCAU, Pusa	-
11/03/2024	Dr K.K. Singh, Head IARI Regional Station Pusa	IARI-Pusa	-
04/06/2024	Dr. P.S. Pandey, Hon'ble Vice Chancellor, RPCAU, Pusa	RPCAU, Pusa	-
09/07/2024	Padmabhushan Sri Hukumdev Narayan Yadav	-	-
18/07/2024	Dr R.K. Singh, ADG Extension, ICAR, New Delhi,	ICAR, New Delhi,	-
18/07/2024	Dr Anjani Kunar Director ATARI, Patna	ATARI, Patna	-
09/07/2024	Sri Jibesh Kumar, MLA, Jale	MLA, Jale	-
18/07/2024	Dr. R.K. Singh, ADG (AE)	-	The technological evaluation and demo plot is highly maintained
23-09-2024	Sanjay Saraogi, MLA, Darbhang	MLA, Darbhang	Best work to initiate from root level of PM programme for DFI of farmers
23-09-2024	Dr. Dharmshila Gupta		Best work in the guidence of Dr. P. S. Panday, Vice-Chancellor, RPCAU, Pusa
20/09/2024	Dy Director Engineering Govt of Bihar	Engineering Govt of Bihar	-
22/09/2024	Er. Pranav	RPCAU, Pusa	-
23/09/2024	Sri Jibesh Kumar, MLA, Jale	MLA, Jale	-
23/09/2024	Dr. P.S. Pandey, Hon'ble Vice Chancellor, RPCAU, Pusa	RPCAU, Pusa	-
23/09/2024	Dr. Mangal Pandey, Hon'ble Agriculture Minister, Govt. of Bihar	Agriculture Govt. of Bihar	-
23/10/2024	Dr. Bikas Das		Impressed by the overall performace of the KVK
05/10/2024	Sri Jibesh Kumar, MLA, Jale	MLA-Jale	-
24/10/2024	Dr. Indu Shekhar, In-charge RCM-Makhana, Darbhanga	RCM-Makhana, Darbhanga	-
24/10/2024	Pramod Kumar Jha, SMS (Horticulture)	KKV-Madhubani	-
05/11/2024	Dr A.K Chaudhary Former Head, Dept of Extension Education, RPCAU Pusa	RPCAU Pusa	-

Date of Visit	VIP/Ministers/ MP/MLA/DM/VC/Zila Parishad/Other Head of Organization/Foreigners/other Dignitaries	Name of Ministry/Organization	Salient points in his/ her observation (2-3 bulleted points)
21/11/2024	Ashok Mishra, CEO	Agrani Beej company Delta Agri Genetics Pvt. Ltd,	-
21/11/2024	Dhananjay Kumar, Vice-President	Agrani Beej company Delta Agri Genetics Pvt. Ltd,	-
21/11/2024	Mangesh Kumar, Regional Manager	Agrani Beej company Delta Agri Genetics Pvt. Ltd,	-
28/11/2024	Dr Anjani Kumar, Director ATARI, Patna	ATARI	-
28/11/2024	Dr Mononullah, Pr. Scientist , ATARI-Patna	ATARI	-
04/12/2024	Dr Mayank Rai, Director Extension Education & Dean PGCA, RPCAU, Pusa	RPCAU, Pusa	-
19/12/2024	Mr Harish Jha Sir, Regional Manager Vikky Seeds Pvt Ltd	-	-

8.10 Details of Scientific Advisory Committee (SAC) Meetings

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

**Salient recommendations of SAC in bullet points*

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

Type of attachment	No of student trained	No of days stayed
RAFWE	**08**	**15 DAYS**

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

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

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

11.2 Details of Tribal Sub Plan (TSP)

a. Achievements of physical output under TSP

Sl.	**Activities**	**Physical Achievement**	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer		
b.	Women		
c.	Rural Youths		
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
3)	FLD	No. of FLDs	No. of beneficiaries
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
5)	Other activities		
a.	Participants in extension activities (No.)		
b.	Production of seed (q)		
c.	Production of Planting material (No. in lakh)		
d.	Production of Livestock strains (No. in lakh)		
e.	Production of fingerlings (No. in lakh)		
f.	Testing of Soil, water, plant, manures samples (Nos.)		
g.	Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)		
h.	No. of other programmesoraginsed (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)		

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

c. Achievements of physical outcome under TSP during 2024

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

d. Location and Beneficiary Details during 2024

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

11.3. Details of Scheduled Caste Sub Plan (SCSP)

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	6	225
b.	Women	1	25
c.	Rural Youths	1	20
d.	Extension Personnel	0	0
2)	OFT	No. of OFTs	No. of beneficiaries
		0	0
3)	FLD	No. of FLDs	No. of beneficiaries
		03	75
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		188	725
5)	Other activities		
a.	Participants in extension activities (No.)	416	
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)
KVK Jale	1142.3	900	43	11	06	04	-	-	79	10

Performances of demonstration 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
FST 3	Wheat	Zero Tillage	37	32	42.50	40250	95700	2.37
FST 4	Wheat	Zero Tillage	46	43	43.75	41350	98600	2.38

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
FST 3	Green Gram	Zero Tillage and Improved Variety	23	5.6	11.15	32560	86800	2.66
FST 4	Green Gram	Zero Tillage and Improved Variety	28	6.7	11.96	33520	89750	2.68
FST 3	Paddy	Direct seeded Rice	14	6.2	44.65	40750	87805	2.15
FST 4	Paddy	Direct seeded Rice	25	8.2	46.45	42600	93120	2.18
FST 3	Wheat	Zero Tillage	37	32	42.50	40250	95700	2.37
FST 4	Wheat	Zero Tillage	46	43	43.75	41350	98600	2.38
FST 3	Mustard	Zero Tillage	24	8.4	11.6	23700	44450	1.87
FST 4	Mustard	Zero Tillage	30	11.6	11.95	24250	46700	1.95
FST 3	Lentil	Zero Tillage	38	10.2	14.60	20200	52400	2.59
FST 4	Lentil	Zero Tillage	58	14.6	15.25	21350	55970	2.62

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
FST 3	Paddy	Direct seeded Rice	14	6.2	44.65	40750	87805	2.15
FST 4	Paddy	Direct seeded Rice	25	8.2	46.45	42600	93120	2.18

Rain water 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 Cost	Net Return	BCR

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
FST 3	Paddy (R. Mahsuri)	Direct seeded Rice	14	6.2	51.65	44750	91805	2.06
FST 4	Paddy (R. Mahsuri)	Direct seeded Rice	25	8.2	50.45	43600	90120	2.07

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)		
						GrossCost	NetReturn	BCR
FST 3	Paddy (R. Mahsuri)	Direct seeded Rice	8	3.2	46.42	53470	91980	1.72
FST 4	Paddy (R. Mahsuri)	Direct seeded Rice	7	2.8	43.25	47840	88790	1.85

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)		
						GrossCost	NetReturn	BCR
FST 3	Paddy (R. Mahsuri)	Direct seeded Rice	14	6.2	51.65	44750	91805	2.06
FST 4	Paddy (R. Mahsuri)	Direct seeded Rice	25	8.2	50.45	43600	90120	2.07

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

FST4	Fodder Jowar (UPML-530)	55% green jowar + 45% dry Wheat straw	20	0.4	460	0%
FST 4	Berseem (Farmer's Variety)	75% Green Berseem + 25% paddy Straw	25	8.2	540	0%

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							

CC: 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
FST 3	Wheat	Zero Tillage	37	32	42.50	40250	95700	2.37
FST 3	Green Gram	Zero Tillage and Improved Variety	23	5.6	11.15	32560	86800	2.66
FST 3	Paddy (R. Mahsuri)	Direct seeded Rice	14	6.2	51.65	44750	91805	2.06

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
FST4	Fodder Jowar	Improved Variety (UPML-530)	20	0.4	460	16500	31500	1.90

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)		
						GrossCost	NetReturn	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
FST4	Fodder Jowar	Improved variety (UPML-530)	20	0.4	460	16500	31500	1.90

Performance of various vaccination camps organized

FST	Type of animal and Month	Technology demonstrated	No. of farmers covered	Nno. 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
FST 4	Amur Carp	Fast growing Fish species	16	1	15	105000	195000	1.85

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

FST type	Animal / season (name)	Technology demonstrated	No.of farmers	No. of animals/	Milk yield	Economics of demonstration(Rs/ha)

				unit	(liters/ lactation)	Gross Cost	Net Return	BCR
FST4	Cow	Feeding of mineral mixture	20	1	2400 litres	69480	147520	2.12

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)		
						GrossCost	NetReturn	BCR
FST4	Goat	Feeding of mineral mixture	10	1	16kg	3000	6600	2.2

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
FST4	Chicks	Vanraja Chicks	35	30	1.8kg	210	432	2.05

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

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

Extension Activities

Name of the activity	Number of Programmes	No. of beneficiaries		
		Male	Female	Total
Kissan Gosthi	1	32	20	52

Scientist Visited the farmers field	72	230	110	340

Soil Health Card prepared and distributed

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

Convergence Programe

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

Dignitaries visited NICRA Villages

Name of KVK	Name of VIPs/Experts	Date of visit
KVK Jale	Dr. Pushpa Singh Dr. Surendra Prasad Dr. Vishwajit Pramanik Dr. Gangadhar Nanda DRPCAU, Pusa, Bihar	30/08/2024
	Dr. Anjani Kumar Director, ATARI, Patna	28/11/2024
	Dr. Monobrullah Pri. Scientist, ATARI, Patna	28/11/2024

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
KVK Jale	Dr. Dibyanshu Shekhar	Dr. Pardeep Kumar Vishwakarma

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
1.	Natural Farming	18/10/2024 - 22/10/2024	5Days	32	00	23	6	-	3

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			
1.	Cultivation Techniques in Climate change Scenario	26/04/2024	1 Days	Male	Female	General	OBC	ST	SC
				23	00	15	8	-	-
2.	Integrated pest management in fruit crops	14/05/2024	1 Days	18	00	10	4	-	2
3.	Establishment of new orchards	22/05/2024	1 Days	15	19	12	6	-	16
4.	Water conservation and harvesting for life saving irrigation	25/07/2024	1 Days	20	00	15	3	-	2
5.	Importance of micro – irrigation in changing climate	24/08/2024	1 Days	32	20	32	15	-	15
6.	Importance of micro – irrigation in changing climate	04/09/2024	1 Days	15	0	12	2	-	1
7.	Scientific Cultivation of Vegetables	07/10/2024	1 Days	20	2	10	6	-	6
8.	Production technology of Rabi crops	26/10/2024	1 Days	4	32	19	10	-	7

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

Paddy and Jowar Harvesting - 2024

Cultivation of waterchestnut

Promotion of climate resilient breed of chicks: Vanraja

Paddy Crop Residue Management

13

Paddy Crop Residue Management

13

Line sowing of Rabi Crop by zero till drill

Capacity Building Programme

Diagnostic visits





Visits of distinguished dignitaries



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

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

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

a. Overall achievement

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

b. Details of OFT/FLD

OFT		
Nutritional Garden		
Bio-fortified Crops		
Value addition (in no. of Unit or no. of Enterprise)		
Other Enterprises (in no. of Unit or no. of Enterprise)		
	Area (ha/ no. of Unit/Enterprise)	**No. of farmers/ beneficiaries**
FLD		
Nutritional Garden	**01**	**20**

Bio-fortified Crops	**-**	**-**
Value addition (in no. of Unit or no. of Enterprise)	**01**	**27**
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.		Backyard/Kitchen Garden	40	1.01 ha	40
2.		Community level	7	0.16	7
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
Latraha	**Amla**	**Candy**	**-**	**27**

f. Training programmes in Nutri-Smart village

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

g. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries

11.7 Attracting and Retaining Youth in Agriculture (ARYA)

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

11.8 Out-scaling of Natural Farming Format

Geographical information

Name of State		**Bihar**	
Name of KVK		**Jale - Darbhanga**	
Agro Climatic Zone of Village/KVK		**Agro Climatic Zone I**	
Farming Situation of the Selected Farmer/KVK		**Latitude (N)**	**Longitude (E)**
		26.397553	**85.790133**

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**
	Training	10	400	75	59	85	0	0	219	38	67	76	0	0	181
	Awareness	4	493	64	57	88	0	0	209	80	94	110	0	0	284
	Demonstration	10	10	2	4	1	0	0	7	0	3	0	0	0	3

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	
Natural Farming	22.03.2024	KVK - Jale	8	7	8	0	0	23	2	6	9	0	0	17	40	
Natural Farming	17.03.2024	KVK - Jale	8	8	9	0	0	25	3	6	6	0	0	15	40	
Natural Farming	15.03.2024	KVK - Jale	8	2	9	0	0	19	4	8	9	0	0	21	40	
Natural Farming	15.03.2024	Biraul	10	8	4	0	0	26	5	5	8	0	0	18	40	
Natural Farming	13.03.2024	KVK - Jale	8	7	12	0	0	27	2	6	5	0	0	13	40	
Natural Farming	04.03.2024	KVK - Jale	8	9	12	0	0	29	3	0	8	0	0	11	40	
Natural Farming	12.07.2024	Ratanpur	7	6	9	0	0	22	4	6	8	0	0	18	40	
Natural Farming	24.09.2024	Dhankaul	6	2	8	0	0	16	3	12	9	0	0	24	40	
Natural Farming	18.10.2024	KVK - Jale	5	7	4	0	0	16	8	7	9	0	0	24	40	
Natural Farming components	03.12.2024	KVK - Jale	7	3	10	0	0	20	4	11	5	0	0	20	40	

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	

Natural farming	16.02.2024	Jale	15	9	10	0	0	34	35	11	14	0	0	60	94	
Natural farming	21.02.2024	Ahiyari	12	8	15	0	0	35	13	15	13	0	0	41	76	
Natural farming	22.02.2024	Dumri	9	8	34	0	0	51	16	12	16	0	0	44	95	
Natural farming	16.03.2024	Bharwara	28	32	29	0	0	89	16	56	67	0	0	139	228	

Any other Programme /Activity organized for Natural farming promotion		
Name of the Innovative programme organized	**Significance of innovative programme**	**Remarks/Observation/Feedback Recorded**

Details of Beneficiaries under Demonsatration at Farmer's Fields

Name of KVK	No. of blocks covered	No. of village covered	Total no. of Trained/Practicing NF Farmer	No. of farmers influenced to adopt NF	No. of farmers with whom the NF farmer can engaged all season	No. of farmers with whom the NF farmer can engage in 1 season	Any Remarks (in <50 words)
Darbhanga	1	1	400	25	10	25	Few farmers of Dhankaul village now commercially producing vegetables under natural farming

Demonstration Information

KVK/ Farmer wise information of demonstration conducted till date	
Name of State	**Bihar**
Name of KVK/Farmer where demonstration conducted	**Darbhanga**
Address of Farmer with contact detail	**Mr. RamnathMahto, Village – Dhankaul, Jale, Darbhanga, Mob. No. – 88096 52241**
Agro Climatic Zone of KVK/Village of farmer	**AgroClimatic Zone I**
Cropping patter of KVK plot/ Farmer plot	**1. Moong – Rice – Wheat** **2. Moong – Rice – Mustard/Lentil**

Farming Situation of the Selected KVK/Farmer		Latitude (N)	Longitude (E)
		26.397553	85.790133

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
Natural Farming	Rice	'Rajendra Shweta'	Kharif	Using Bijamrit (for seed treatment), Jeevamrit (4 times after 20 days of tillering) Neemastra (1 time)	0.4	Transplanting and use of chemical fertilizers	Plant height (cm)	75.56	60.34
							Other relevant parameter	No. of tillers – 11.5	No. of tillers – 10.5
							Yield (q/ha)	42.3	34.7
							Cost of cultivation (Rs/ha)	42035	28340
							Gross Return (Rs/ha)	97290	138800
							Net Return (Rs/ha)	55225	110460
							B:C Ratio	1.31	3.9
							Soil PH	7.2	7.2
							Soil OC (%)	0.38	0.43
							Soil EC (dS/m)	0.87	0.86
							Available N (Kg/ha)	186.67	197.8
							Available P (Kg/ha)	23.45	26.78
							Available K (Kg/ha)	188.45	201.34
							Soil Microbes	$2x10^6$	$2x10^6$

							(cfu)		
							Any other, specify		
Feedback of farmer	Happy to get higher price for pesticide free crops.								

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.	Darbhanga	Mr. Ramnath	Dhankaul, Jale, Mob. - **8809652241**	2	1.5	Paddy, Wheat, Moong, cauliflower, cabbage, Potato and tomato	3	0.4	Rabi	Rabi	Plant height (cm)	75.56	60.34
											Other relevant parameter	No. of tillers – 11.5	No. of tillers – 10.5
											Yield (q/ha)	42.3	34.7
											Cost of cultivation (Rs/ha)	42035	28340
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											Available K (Kg/ha)	188.45	201.34
											Soil Microbes (cfu)	$2x10^6$	$2x10^6$
											Any other, specify		
Feedback of farmer:													

Soil Data information

Soil Parameter for Demo plot at KVK Farm

Season	Crop	Before crop sowing							After harvesting						
		pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)	pH	EC (dS/m)	OC (%)	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Soil Microbes (cfu)
Kharif	Rice	6.9	0.87	0.43	189.98	23.56	192.45	$2x10^6$	7.0	0.87	0.48	182.98	24.56	198.45	$2x10^8$
Rabi	Wheat	6.9	0.87	0.44	189.00	23.5	193.65	$2x10^6$	6.9	0.87	0.49	185.30	22.78	195.65	$2x10^8$

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	Rice	6.8	0.87	0.43	189.90	23.43	195.45	$2x10^6$	6.8	0.87	0.36	171.18	21.16	187.45	$2x10^4$
Rabi	Wheat	6.9	0.87	0.44	189.34	23.58	196.65	$2x10^6$	6.9	0.87	0.32	175.00	22.23	158.65	$2x10^4$

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	Rice	6.9	0.87	0.45	189.98	25.61	198.45	$2x10^6$	6.9	0.87	0.48	183.67	26.56	193.45	$2x10^8$
Rabi	Wheat	6.9	0.87	0.46	189.00	24.62	199.65	$2x10^6$	6.9	0.87	0.49	185.67	24.78	192.65	$2x10^8$

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	Rice	6.8	0.87	0.43	189.90	25.65	195.45	$2x10^6$	6.8	0.87	0.41	171.18	21.16	188.45	$2x10^4$
Rabi	Wheat	6.8	0.87	0.44	189.34	24.64	196.65	$2x10^6$	6.8	0.87	0.42	175.00	22.23	161.65	$2x10^4$

Financial information

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

Glimpses of various Activities (Good Quality Action Photographs)

Name of activity	1	2	3	4
Training programmes				
	Preparation of Jeevamrit	Spraying of Jeevamrit in Turmeric	Preparation of Brahmasthra	Practical on preparation of Brahmastra

<table>
<tr><td rowspan="2">Awareness programmes</td><td>  </td><td>  </td><td colspan="2">  </td></tr>
<tr><td>Awareness for natural farming among farmers at Massa</td><td>Aware for easy method of components preparation</td><td colspan="2">Awareness for natural farming at Bharwara</td></tr>
<tr><td rowspan="2">Demonstrations (KVK/Farmer filed)</td><td>  </td><td> 
</td><td>  </td><td>  </td></tr>
<tr><td>Demo of Paddy under natural farming</td><td>Demo of Paddy under natural farming</td><td>Demo of lentil under natural farming</td><td>Demo of Mustard under natural farming</td></tr>
<tr><td>Any other activities</td><td colspan="2"> 
निदेशक प्रसार शिक्षा सह डीन परास्नातक शिक्षा व अन्य वैज्ञानिकगण किसानों के साथ विमर्श व संवाद करेंगे.

प्राकृतिक खेती में कीट प्रबंधन पर चर्चा

जाले. कृषि विज्ञान केंद्र के सभागार में प्राकृतिक खेती विषय पर चल रहे पांच दिवसीय प्रशिक्षण में मंगलवार को प्राकृतिक खेती में कीट प्रबंधन, उन्नत फसल तकनीक, जैविक रोग व कीट नियंत्रण व प्राकृतिक कीटनाशकों के उत्पादों के उपयोग की जानकारी केंद्र के उद्यान वैज्ञानिक डॉ प्रदीप कुमार विश्वकर्मा ने किसानों को दी. इस दौरान नीमास्त्र, ब्रह्मास्त्र, आग्नेयास्त्र, बीजामृत व जीवामृत बनाना भी सिखाया गया. डॉ विश्वकर्मा ने किसानों से कहा कि प्रतिकूल प्रभाव डालने वाले रसायनों के उपयोग की जगह इस विधि के उपयोग से मिट्टी का पारिस्थितिकी तंत्र, पर्यावरण व लोगों का स्वास्थ्य ठीक रहता है. उन्होंने कहा कि नीमास्त्र के उपयोग से रासायनिक कीटनाशकों के उपयोग में कमी आएगी. उन्होंने पोषण वाटिका, किचन गार्डन सहित अन्य फसलों में भी नीमास्त्र का प्रयोग करने को कहा.</td><td colspan="2"> 
प्राकृतिक खेती परियोजना के तहत हुई 34.7 क्विंटल धान की उपज</td></tr>
</table>

11.7 CRA (Climate Resilient Agriculture)

Technology demonstrated/ interventions	Croping system	Farming System crop under demonstration			Area under Demonstration (in acre)			No. of farmers under demonstration			Category				Crop Yield (q/ha)			System productivity (q/ha)	Total return (Rs./ha)	Yield obtained under Farmer Practices (q/ha)	Exposure visit (no.)	Number of farmers under exposure
		Kharif	**Rabi**	**Summer**	**Kharif**	**Rabi**	**Summer**	**Male**	**Female**	**Total**	**SC**	**ST**	**OBC**	**Gen**	**Kharif**	**Rabi**	**Summer**					
CT-CT	Rice-Wheat	Rice	Wheat	-	215	215	-	138	77	215	22	0	150	43	39.90	43.12	-	83.02	178731.70	65.59	13	1530
PTR-LS-LS	Rice-Wheat-Greengram	Rice	Wheat	Greengram	47	47	47	82	18	47	11	0	32	04	37.12	44.34	12.24	93.70	264868.50	76.83		
DSR-LS-LS	Rice-Lentil-Greengram	Rice	Lentil	Greengram	100	100	100	33	17	100	13	0	59	28	43.78	13.67	13.67	71.12	300758.44	56.91		
DSR-LS-LS	Rice-Mustard-Greengram	Rice	Mustard	Greengram	100	100	100	28	22	100	12	0	61	27	41.21	13.45	12.59	67.25	273699.10	57.13		
DSR-RB-ZT	Rice-Potato-Greengram	Rice	Potato	Greengram	03	03	03	01	01	03	0	0	2	1	40.46	286.07	11.695	343.43	915685.15	302.22		
DSR-ZT-ZT	Wheat-Fingermillet	Rice	Wheat	Fingermillet	30	30	-	16	14	30	09	0	17	04	39.67	42.7	6.72	90.56	206450.41	73.36		
PTR-CT	Rice-Maize	-	Maize	Greengram	100	100	-	56	44	100	26	0	54	20	43.70	74.07	-	117.7	202278.30	96.92		
CT	Fallow-Wheat-Dhaincha	-	Wheat	Dhaincha	-	28	28	13	15	28	08	0	18	02	-	44.34	7.8	52.14	115804.50	44.84		

11.8 DistrictAgro Meteorological Unit (DAMU)

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

11.9 KSHAMTA

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

11.10 Agri-Drone

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

Details of Demonstrations under Agri-drone Project

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

insecticide spray							
Demos on weedicide spray							
Demos on nutrient spray							

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

Varieties used	Situations (Irrigated/ Rainfed)	Varieties used in FP	Yield (Kg/ha)		YIOFP (%)	COC (Rs./ha)		GMR (Rs./ha)		ANMR (Rs./ha)	B:C ratio GMR/CoC	
			IP	FP		IP	FP	IP	FP		IP	FP

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

12. OTHER INDFROMATION

12.1 Integrated Farming System (IFS)

a. Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
1	Vermi compost unit	56 Sq.m	Vermi compost-26.47 qt. Worms-2.0 Kg	6000.00	16509.00	7	-

2	Azolla Unit	48Sq.m	Azolla-2.0 qt.	-	Used in Farm	5	
3	Mushroom Unit	61.75 Sq.m					
4	Poly House	200Sq.m	Veg. Seedling	2000	6000		
5	Net House	200Sq.m	Veg. Seedling	3000	6700		

b. Activities under IFS

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

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	58	7798	2021		
II					
Total	58	7798			

12.3 . PPV & FRA Programme

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

Details of plant varieties registered

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

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

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
05.04.2024, 21.07.2024, 13.09.2024, 18.09.2024, 26.092024, 02.10.2024,	12	24	147	43	214

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

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
05.04.2024, 21.07.2024, 13.09.2024, 18.09.2024, 26.092024, 02.10.2024,	12	24	147	43	214

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

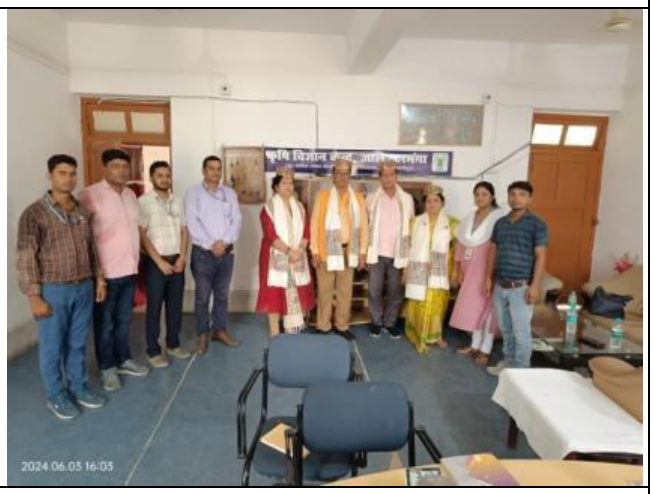
S.No	Activities	No of village covered	Total Expenditure (Rs.in Lakhs)
1.	Vermicomposting	**3**	**-**
2.	Other than vermicomposting activities under Swachata	**6**	**0.04**

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


Organized one day Kisan Mela at KVK, Darbhanga


Hon'ble MP Madhubani and Hon'ble MLA Jale visited different stall in the Kisan Mela 2024 at KVK Darbhanga

Exposure visit of farmers at DRPCAU, Pusa



Hon'ble Vice Chancellor and other dignitaries visited KVK Darbhanga

Hon'ble MP Darbhanga and dignitaries visited at KVK Darbhanga stall at NRC Makhana

Input support program has been organized at RRS Biraul, by KVK Jale under SCSP in the gracious presence of Hon"ble MP Dr Gopal JI Thakur, DirectorResearch (RPCAU, Pusa)

Honble Agriculture Minister, Govt. of Bihar along with other dignatries participated in technology week celebration and visited farmers exhibition.

Training programme at KVK-Darbhanga

Dr. D.K. Rai visited KVK Farm

Trainees visited at Natural Farming unit

Parthenium Eradication awareness week orgarnized at middle School Jogiara

Input distribution under SCSP Programme	
	
Parthenium Eradication awareness week orgarnized at Jale, Darbhanga	Input distribution under SCSP programme
	
Exposure visit of farmers at KVK, Farm	
	
Visit of farmers at Natural Farming unit	Praparation of natural ffarming component by trainees.

Dr SP Singh Sr Scientist, RPCAU,Pusa along with Student visited Dhankaul village and KVK for Natural Farming project data collection

Drum distribution under Natural Farming

Orientation of advance agricultural technology to 31 SC farmers of Belwara village and provided Wheat seed for demonstration under SCSP program

Tree plantation by Padmabhushan Hukumdev Narayan Yadav

Input distribution under SCSP Project

Input distribution under CFLD Programme

05 days RY training on Nursery Management

Dr. Mayank Rai, DEE, DRPCAU, Pusa visited KVK & KVK Demo unit.

Ashok Mishra, CEO of leading seed company Delta Agri Genetics Pvt Ltd, Vice President Dhananjay Kumar, Regional Manager Mangesh Kumar and ASM Manish Raj toured the Krishi Vigyan Kendra.

Visit of farmers at azolla unit under net house.

Natural Farming Demonstration plot at KVK visited by dignitaries

Organized programme on Horticultural crops

Dr. Vikash Das Director NRC Litchi visited KVK Farm

Input distribution under SCSP project at RRS Biraul

Training programme on Mithila Painting

Velidictory session of RY training

Grafting under RY taining and training programme

University level monitoring committee visited CRA demonstration of KVK Jale, Darbhanga

PM programme of Kisan Samman Nidhi at KVK, Darbhanga

Hon'ble Vice Chancellor visited alogn with other dignitories at KVK-Darbhanga

Padmabhusan Hukumdev Narayan Yadav & Hon'ble MLA Jale participated in one day Gosthi at KVK

Visit of Dr AK Chaudhary, Former Head, Dept of Extension Education, RPCAU Pusa at KVK, Dabhanga and different demo unit

RAWE students of COF, dholi visited pond of Innovation farmer

Velidictory of 05 days RY training on Nursery Management at KVK

Tree plantation under Ek per Maa ke Naame at KVK Darbahnga

KVK Scientist participated at Kisan Mela Basaith

Dr. Indu Shekhar Singh Director NRC Makhana visited KVK Farm

Honble Vice chancellor RPCAU, Pusa visited different demonstration and trial plots of KVK.

DSF, DRPCAU, Pusa visited Natural Farming unit & Net House


Training programme on Natural farming at RRS Biraul


Head KVK-Darbhanga participated in Vikshit Bharat Sankalp Yatra

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