Krishi Vigyan Kendra, Manpur, Gaya

Bihar Agricultural University, Sabour, Bhagalpur

Annual Progress Report

(January 2024 - December 2024)

ICAR - ATARI, PATNA (ZONE-IV)

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, Manpur, Gaya - 823003			kvkmanpurgaya@gmail.com

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

Name and address of Host Organization	Telephone		E mail
	Office	FAX	
Vice-Chancellor, Bihar Agricultural University, Sabour, Bhagalpur	0641-2452606	0641-2452606	vcbausabour@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Er. Manoj Kumar Roy		+91 91223 86485	kvkmanpurgaya@gmail.com

1.4. Year of sanction of KVK with council order No. and date: **F. No. 18-13/94-AE-I Date: 24.03.2006**

1.5. Year of start of KVK: **2006**

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

Sl. No.	Sanctioned post	Name of the Incumbent	Designation	Discipline	Pay Scale with Present Basic	Date of joining	Permanent/ probation	Category (SC/ST/ OBC/Others)
1.	Senior Scientist & Head	Er. Manoj Kumar Roy	Senior Scientist & Head	Agricultural Engg.	1,52,300/- (L-13A)	05-05-2023	Permanent	OBC
2.	Subject Matter Specialist	Dr. Ashok Kumar	SMS	Extension Education	1,04,100/- (L-10A)	08-01-2008	Permanent	OBC
3.	Subject Matter Specialist	Dr. Anil Kumar Ravi	SMS	Animal Science	77,700/- (L-10)	20-04-2012	Permanent	SC
4.	Subject Matter Specialist	Dr. Farana Khatoon	SMS	Horticulture	57,800/- (L-10)	10-11-2023	Probation	EWS
5.	Subject Matter Specialist	Dr. Monika Patel	SMS	Home Science	56,100/- (L-10)	27-02-2024	Probation	GEN
6.	Subject Matter Specialist	Dr. Santosh Kumar	SMS	Soil Science	56,100/- (L-10)	19-02-2024	Probation	SC
7.	Subject Matter Specialist						Vacant	
8.	Programme Assistant	Smt. Neha	Prog. Asstt.(Lab. Tech.)	B. Sc. (Ag.)	50,500/- (L-06)	02-11-2012	Permanent	OBC
9.	Computer Programmer	Dr. Ved Prakash	Prog. Asstt. (Computer)	MCA, Ph.D.	49,000/- (L-06)	20-05-2013	Permanent	OBC
10.	Farm Manager	Sri Mukesh Kumar	Farm Manager	M.Sc. (Ag) (Ext.Edu.)	50,500/- (L-06)	30-10-2012	Permanent	GEN
11.	Accountant/Superintendent	Sri Prem Kumar Thakur	Assistant	MBA in Finance	49,000/- (L-06)	13-04-2013	Permanent	GEN
12.	Stenographer	Sri Patwardhan Kumar	Stenographer	MA	35,300/- (L-04)	04-07-2013	Permanent	OBC
13.	Driver	Sri Rohit Kumar	Driver	Matric	29,300/- (L-03)	22-05-2015	Permanent	OBC
14.	Driver	Sri Akhilesh Kumar Singh	Driver	Matric	26,800/- (L-03)	13-06-2016	Permanent	Others
15.	Supporting staff						Vacant	
16.	Supporting staff						Vacant	

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)	Name of infrastructure
1	Under Buildings	1.5	Office, Training Hall, Kisan Ghar, Staff Quarters, Godown, Implement Shed
2.	Under Demonstration Units	0.5	Vermicompost unit, Azola unit, Goatry unit, Dairy unit, Hydroponic Fodder Production Unit, Poshan Vatika, Biochar Production Unit, Mushroom Production Unit
3.	Under Crops	4.5	Seed production unit, Instructional Farm
4.	Orchard	1.7	Mother plant Nursery, Mali shed, Nutri Garden
5.	Agro-forestry	0.0	-
6.	Others with details	1.8	Low land and water-logged area, Drain, Road
	Total	**10.0**	

**Total area should be matched with breakup*

1.7. Infrastructure Development:
A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Functional/ non-functional*	Source of funding
1.	Administrative Building					Completed		Functional	ICAR
2.	Farmers Hostel					Completed		Functional	ICAR
3.	Staff Quarters (6)					Completed		Functional	Bihar Govt.
4.	Piggery unit								
5	Fencing							Functional	
6	Rain Water harvesting structure								
7	Threshing floor					Completed		Functional	
8	Farm godown					Completed		Functional	RKVY
9.	Dairy unit								
10.	Poultry unit								
11.	Goatry unit					Completed		Functional	ICAR
12.	Mushroom Lab								
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab								
16	Others, Please Specify								
17.	Godown					Completed	7866	Functional	Bihar Govt.
18.	Mali shade					Completed		Functional	NHM
19.	Generator Room					Completed		Functional	RKVY
20.	Sale Counter					Completed		Functional	
21.	Training Hall					Completed	1025.65	Functional	Bihar Govt.
22.	Implement Shed					Completed	222.23	Functional	Bihar Govt.
23.	Road 6m wide					Completed	745m	Functional	Bihar Govt.
24.	Road 3m wide					Completed	910m	Functional	Bihar Govt.
25.	Boundary wall						7382m	Functional	ICAR & GoB
26.	Utility duct						2409m	Functional	Bihar Govt.

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Tractor DIJ MF1035	2006	386544.00	1196.3	Working
Tractor 65 HP ACE			753.4	Working
Bolero	2020	800000.00	107497	Working
Motor cycle (02 Nos.) 1. BR 02AA6793 2. BR 02AA6794	2016	120000.00	17043 21220	Working

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Microscope	2014		Satisfactory	ICAR
Vegetable Processing unit	2014		Satisfactory	ICAR
Sewing Machine (9)	2017	49,900	Satisfactory	ICAR
Soil Testing Kit (02)	2018	109536	Satisfactory	ICAR
Hot Air Unicersal Oven Inner Chamber made Size 450mm x 450 mm x 450mm	2020	13,500	Satisfactory	ICAR
Digital Balance 600GM x 0.1G	2020	8,500	Satisfactory	ICAR
b. Farm machinery				
Happy Seeder	2019	-	Repairable	Bihar Govt.
c. AV Aids				
Computer with accessories	2007		Satisfactory	ICAR
LCD Projector	2011		Satisfactory	ICAR
Computer with accessories	2012	49145	Satisfactory	ICAR
Photocopier Machine	2014	75000	Satisfactory	ICAR
Biometric based attendance machine	2014	24750	Satisfactory	ICAR
Ahuja PA Lectern SystemWSL2500R	2016	38000	Satisfactory	ICAR
Map My India Navigator LX140WS	2016	6000	Satisfactory	ICAR
Dell Desktop I5/4/1TB computer set (1)	2016	49500	Satisfactory	ICAR
Xerox Photocopier- cum –printer with cartridge, Trolly& stabilizer (1)	2016	98,022	Satisfactory	RKVY
Computer + Laptop (1+1)	2016	82,583	Satisfactory	RKVY
CCTV Camera (4)	2016	21,000	Satisfactory	RKVY
LED Flood Light (1)	2016	6,500	Satisfactory	RKVY
Projector with Projector Screen + Wi-Fi Dongle (1+1)	2016	52,000	Satisfactory	RKVY
Video Camera Handy cam (1)	2016	82,871	Satisfactory	RKVY
Sound System Ahuja (1)	2016	30,165	Satisfactory	RKVY
LED TV Panasonic TH-32 C200DX (1)	2016	27,200	Satisfactory	RKVY
Still Photographic Camera Cannon DSLR (1)	2016	29,600	Satisfactory	RKVY
External Hard Drive Lenovo Portable F309 1TB (1)	2016	5,600	Satisfactory	RKVY
Garmin Etrex 20 Handheld GPS (1)	2017	14,451	Satisfactory	ICAR
HP Printer Laserjet M1005 MFP (1)	2017	14,700	Satisfactory	ICAR
HP Scanner 200 Flatbed (1)	2017	4,200	Satisfactory	ICAR
JIO Router Wifi (1)	2017	2,100	Satisfactory	ICAR
Mantra NFS 100 Bio-metric Fingerprint USB (1)	2017	5000	Satisfactory	ICAR
Hitachi AC Split Model RSB318 IBEA	2018	90,000	Satisfactory	ICAR
V. Guard Stablizer Model VWE-400	2018	8,000	Satisfactory	ICAR
Desktop All in One INSP 24-3477/I5-7200 S. Tag - FJKT902	2018	45,339	Satisfactory	ICAR
Printer HP Laserjet M1005 MFP S.No. CNKNL2TKNG	2018	13,390	Satisfactory	ICAR
CP-Plus 4CH UVR-0401e1-v4 (for CCTV)	2018	4,900	Satisfactory	ICAR
HP Laptop i5-DAI030TU/15/4/1/W10 with Bag	2019	46,200	Satisfactory	ICAR
HP Printer 319 AIO Tank	2019	10,200	Satisfactory	ICAR
HP Keyboard + Mouse Multimedia V4L7	2019	1,400	Satisfactory	ICAR
Sony Speaker SA-D40 S.No. S0113013093, HSN Code-8519	2019	8,490	Satisfactory	ICAR

D-Link Router DIR615 S.No.Qx751I9004210	2019	2,350	Satisfactory	ICAR
Luminous 0.65/168 (KVA/VAH) UPS - HSN Code-8504	2019	3,780	Satisfactory	ICAR
Hp Ink Tank 319 All In one	2019	10,740	Satisfactory	ICAR
Speaker F&D T2 T2BI200100032 HSN Code - 8518	2021	11,400	Satisfactory	ICAR
DATA Projector Sony Ex 430 SO17404309D	2021	39,990	Satisfactory	ICAR
Logitech C922 Web Camera HSN 8525	2021	33,300	Satisfactory	ICAR
LG 55UT6405 OTA LG 55" LED TV with Web OS	2021	56,700	Satisfactory	ICAR
All in One 5400/CIS-11th Gen. Cores 11th	2021	76,900	Satisfactory	ICAR
Kelvinator Sac 1.5 Ton INV35	2021	32,900	Satisfactory	ICAR
Dell All in One Desktop 5400 BLK Ci5	2022	81,200	Satisfactory	ICAR
S8 250 Kg Plate form Scale (Balance)	2022	9,900	Satisfactory	ICAR
Logitech Conference Webcam BCC-95 2053L7523329	2022	26,350	Satisfactory	ICAR
HP Printer LJ SmartTank MFP2606 SDW	2023	31,000	Satisfactory	ICAR
Microtek UPS 1KVA	2023	5,400	Satisfactory	ICAR
Microtek UPS 2500VA JM 24 V	2023	12,800	Satisfactory	ICAR

D) Farm implements

Name of implements	Year of purchase	Cost (Rs.)	Present status	Source of fund
Disc Harrow	2006		Not Working	ICAR
MB plough	2006		Not Working	ICAR
Hydraulics trailer	2006		Working	ICAR
Tiller/cultivator	2006		Working	ICAR
Cage wheel	2006		Working	ICAR
Leveler	2006		Not Working	ICAR
Zero Till Machine	2011		Working	ICAR
Pump Set	2008		Stolen FIR Reported	ICAR
Cono weeder	2009		Working	ICAR
Tube well 5H.P Kirloskar	2008		Working	ICAR
weight Machine	2011		Working	ICAR
Zero tillage	2011		Working	ICAR
Rotavator	2011		Working	ICAR
Reaper	2011		Working	ICAR
Seed processing unit	2011		Working	ICAR
Lazer land leveler	2012	376000	Working	ICAR
Power Thresher	2014		Working	ICAR
Rotavator	2014		Working	ICAR
Power Reaper	2014		Working	ICAR
Gator Sprayer	2017	3800	Working	ICAR
Iron Jharni 152 kg	2017	11400	Working	ICAR
Iron Pankhi Stand 16 kg	2017	1200	Working	ICAR
LAWN Mower Roto 43, Grass Cutter	2020	37,760	Working	ICAR
Multi crop seeder	2021		Working	Govt. of Bihar
Raised bed planter	2021		Working	Govt. of Bihar
Boom sprayer	2021		Working	Govt. of Bihar
Happy seeder	2021		Working	Govt. of Bihar
Paddy straw bailer	2021		Working	Govt. of Bihar
Drum seeder	2022		Working	Govt. of Bihar
Zero Till-11 Tyne (National) Fluted Roller	2022	1,39,798	Working	ICAR
Lunia Mobile 400 electronic Weighing Scale (100 Kg)	2023	10,799	Working	ICAR
Wensar Portable wigh load scale (5 Kg)	2023	6,250	Working	ICAR
STIHL Handheld Brush Cutter/Line Trimmer	2023	24,828	Working	ICAR

2. Priority thrust areas of KVKs

S. N.	Thrust area
1.	Introduction and popularization of climate resilient and bio-fortified improved varieties of cereals, pulses and oil seed crops.
2.	Seed production of cereals, oil seed & horticultural crops.
3.	To popularize improved cultivation techniques of different horticultural crops.
4.	Integrated nutrient management (INM) and Disease & pest management (IDPM)
5.	Income and employment generation through Goatry, poultry, vermi-compost, dairy, beekeeping, mushroom cultivation & preservation of fruits & vegetable.
6.	Improvement of milch cattle through hybridization and proper care.

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

2. a. 1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. N.	Farming system/enterprise
1.	Paddy - Wheat – Moong
2.	Paddy – Lentil – Fallow
3.	Paddy – Rai – Moong
4.	Paddy – Sugarcane
5.	Paddy – Potato - Vegetable
6.	Maize – Potato – Vegetable
7.	Dairy, Poultry, Bee keeping and Fishery are important enterprises adopted by selective farmers.

2.a. 2 One district one product (NITI Ayog)

S. N.	One district one product (NITI Ayog)	Information
1.	Gaya	Mushroom

2.a. 3 Description of Agro-climatic Zone (based on soil and topography)

S. N.	Agro-climatic Zone	Characteristics
1.	Zone – IIIB	Climate is subtropical having average annual rainfall 1200mm. June is the hottest month when temperature goes up to 44^0C while December is the coldest month when temperature goes down to 4^0C. Average Relative Humidity is 66%

2.a. 4 Description of major agro ecological situations (based on soil and topography)

S. N.	Agro ecological situation	Characteristics
1.	Irrigated Plain (Sandy-loam to loam soil)	The geographical area of the district is 493774 ha. Out of which Cultivable land is 198123 ha, comprising upland (49765 ha) medium land (110874ha) and low land (37484 ha). Major crop is paddy followed by wheat & vegetables. Among oil seeds & pulses rai, linseed, lentil, gram and red gram are important crops.
2.	Rainfed Plain (Sandy Loam, Light to heavy texture Soil)	
3.	Hilly Upland (Rainfed, Undulating topography)	

2.a. 5 Soil type

S. N.	Soil type	Characteristics
1.	Sandy Loam	Admixture of sand & Clay, predominantly sandy, found alongside the river beds.
2.	Loamy soil	Found near the hills and formed by rains washings from higher area.
3.	Sandy soil	Locally known as balui, found near the bank of the river.
4.	Kewal Soil (Black)	It is a mixture of clay and loam and is very productive acidic in nature.
5.	Foot hill Balthar Soil (Red)	It is in between the plain and dissected plateau. It is acidic in nature.

2.a. 6 Area, Production and Productivity of major crops cultivated in the district

S. N.	Crop	Area (ha)	Production (Kg)	Productivity (Kg /ha)
Kharif				
1.	Paddy	178315	597711880	3352
2.	Maize	10700	9918900	927
3.	Marua	1784	1348704	756

4.	Arhar	4564	4030012	883
5.	Urad	243	135594	558
6.	Moong	454	241074	531
7.	Kulthi	804	453456	564
8.	Groundnut	325	229125	705
9.	Til	366	20239.8	55.3
10.	Castor	6	2898	483
11.	Sunflower	24	13944	581
Rabi				
1.	Wheat	106103	183345984	1728
2.	Maize	2603	4878022	1874
3.	Barley	1096	534848	488
4.	Gram	15811	15305048	968
5.	Lentil	19371	16000446	826
7.	Pea	1056	1144704	1084
8.	Other Pulses			
9.	Linseed	1390	1216250	875
10.	Rai/Sarson	4526	4467162	987

2.a. 7 Mean yearly temperature, rainfall, humidity of the district:

Month	**Rainfall (mm)**	**Temperature ^{0} C**		**Relative Humidity (%)**
		Maximum	**Minimum**	
Jan. 24	12	29.1	3.7	97
Feb. 24	33.5	33.0	7.2	80
Mar. 24	34.5	36.6	13.4	90
Apr. 24	1.76	43.5	16.7	73
May 24	19	43.3	19.4	74
June 24	71.3	44.5	3.6	72
July 24	219	37.8	25.5	98
Aug. 24	390	35.3	23.3	97
Sep. 24	145	35.6	23.2	97
Oct. 24	8.13	34.9	16.0	98
Nov. 24	0	31.8	10.4	96
Dec. 24	0	29.2	6.1	94

2.a.8 Production and productivity of livestock, poultry, fisheries etc. in the district

Category	**Population**	**Production**	**Productivity**
Cattle			
Crossbred	10027		
Indigenous	293436		
Buffalo	254729		
Sheep	18145		
Crossbred			
Indigenous			
Goats	445546		
Pigs	122914		
Crossbred			
Indigenous			
Rabbits			
Poultry	892833		
Hen			
Desi			
Improved			
Duck			
Turkey and others			
Category	**Area**	**Production**	**Productivity**
Fish			
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & Enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Gaya	Nagar	Kandi, Rasalpur, Madan bigha, Bitho Sarif Rahimbigha, Takeya	Paddy, Wheat, Vegetable, green gram	Use of non-recommended Pesticide, Use of traditional varieties	IPM, Improved seed and seed treatment, Mushroom Production
2.	Gaya	Wazirganj	Shankar Bigha, Bishunpur, Budhgharia, Punawan, Kenar dih, Kadharia, Malathiya	Lentil, Chick pea, Wheat, Paddy, Mustard	Use of non-recommended Pesticide, Use of traditional varieties	
3.	Gaya	Manpur	Sondhi, Lakhanpur, Sikahar, Mastalipur, Sadipur, Kamalpur, Sanut	Vegetables, Muskmelon, wheat, mushroom	Lack of irrigation facility, Use of non-recommended Pesticide, Use of traditional varieties	
4.	Gaya	Konch	Adai Bali	Paddy, wheat, Mustard, Lentil, Chickpea	Use of non-recommended Pesticide, Use of traditional varieties	
5.	Gaya	Paraiya	Lakshmanbigha	Wheat, Paddy ,Vegetables, Pigeon pea	Low yield, Lack of irrigation water, infestation of weeds, non availability of quality seed, lack of crop resilient technology.	
6.	Gaya	Bodhgaya,	Kanhaul, Bagdaha	Wheat, Paddy, Vegetables, Bajra	Low yield, Lack of irrigation water, infestation of weeds, non availability of quality seed, lack of crop resilient technology.	
8.	Gaya	Belaganj	Bagdaha, Dighi Bathani, Surhi, Chandansand, Bela, Sakardas Nawada	Wheat, Paddy, Vegetables	Low yield, Lack of irrigation water, infestation of weeds, non availability of quality seed, lack of crop resilient technology.	
10.	Gaya	Manpur	Sikhar, Baradih	Wheat, Paddy, Vegetables, Mushroom	Low yield, Lack of irrigation water, infestation of weeds, non availability of quality seed, lack of crop resilient technology.	
11.	Gaya	Tekari	Gulariyachak Khanetu	Wheat, Paddy, Vegetables, Mustard	Low yield, Lack of irrigation water, infestation of weeds, non availability of quality seed, lack of crop resilient technology.	
12.	Gaya	Khizersarai	Dhansinghra, Bijopur, Bahawlpur, Tetarpur	Wheat,Paddy, Vegetables, Mustard	Low yield, Lack of irrigation water, infestation of weeds, non availability of quality seed, lack of crop resilient technology.	
13.	Gaya	Neemchak bathani	Naili, Dhanmahua, Makhdumpur, Chhatni	Paddy, wheat, Mustard, Lentil, Chickpea	Low yield, Lack of irrigation water, infestation of weeds, non availability of quality seed, lack of crop resilient technology.	
14.	Gaya	Guraru	Sarewa, Diha	Paddy, wheat, Mustard, Lentil, Chickpea	Low yield, Lack of irrigation water, infestation of weeds, non availability of quality seed, lack of crop resilient technology.	
15.	Gaya	Fatehpur	Badua, Bapugram	Paddy, wheat, groundnut, mustard, pigeonpea	Low yield, Lack of irrigation water, infestation of weeds, non availability of quality seed, lack of crop resilient technology.	

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
Kandi	Nagar	OFT, FLD, Training, SCSP, linked with other dept.
Sondhi	Manpur	Supplied Seed/saplings, Establishment of Kitchen Garden, Awareness programme, Training, Field visit, FLD, OFT, Health camp
Rasalpur	Nagar	FLD, OFT, Training, CFLD, Fild visit, Field days
Bishunpur	Wazirganj	Supplied Seed, Biofertilizers, Insecticides, Fungicides, sulfur, FLD, OFT, Training, CFLD, field visit, Field days.

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
	6		2	1	0	0	38	13	40	14	54		25		243	222	0	0	222	138	472	360	832

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
	143		894	893	0	0	1235	574	2164	1505	3669		3729		2436	2544	0	0	7085	1646	9521	4190	13711

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
	605	38	27	0	0	54	31	92	58	150		13711	11	3	0	0	22	6	43	26	69

Seed production (q)			Planting material (in Lakh)		
Target (Crop and variety)	Achievement (q)	Sold (q)	Target (crop and variety)	Achievement	Sold (number)
Wheat (HD-2967)	50.35	23.7	Cucurbits (Hybrid)	6078	6078
Paddy (R. Sweta)	128.67	In Godown			
Ragi (RAU-8)	4.85	In Godown			
Chick pea (S. Chana-1)	9.23	8.65			

Livestock strains (in no's) and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
	Goat (Black Bengal) – 8 kids	0.00500	0.00135
	Calf (Sahiwal) – 3 Nos.		

* 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	7	7
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**	**7**	**5**
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management			

5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology	3	7	7
9	Post-harvest Technology / Value addition			
10	Others if any specify			
C	**Technologies assessed under livestock & Fisheries by KVKs**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Disease & Health Management	2	7	7
2	Breeding management/Evaluation of Breeds			
3	Feed and Fodder management	2	7	7
4	Nutrition Management			
5	Production and Management			
6	Processing and Value addition			
7	Fisheries management			
8	Others (waste, ITK etc)			
	Total	**4**	**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	3	20	1
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	**3**	**20**	**1**
E	**Technologies assessed under various enterprises for women empowerment**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Drudgery Reduction			
2	Entrepreneurship Development			
3	Health and Nutrition			
4	Value Addition			
5	Others			
	Total	**0**	**0**	**0**

3.2.2 OFT (All discipline)

S.N.	Thematic Area	Title of On farm Trial	Farmers	Location
		2024-25		
1.	Integrated Nutrient Management	Assessment of Bio- fertilizer on growth and yield of mango cv. Amrapali	7	5
2.	Resource Conservation Technology	Assessment of different mulching material in mango	7	7
3.	Feed management	Assessment of nutrient supplement of poor-quality dry roughage in dairy cow.	7	7
4.	Disease management	Assessment of feeding and local application of herbal medicine on subclinical mastitis	7	7
5.	Drudgery reduction	Assessment of effectiveness of vegetable harvesting cutter for vegetable crops	20	1
6.	Varietal Evaluation	Performance evaluation of some promising cultivars of finger millet in Gaya district	7	7

OFT- 1 (Horticulture) (2024-25)

- **Thematic area: Integrated Nutrient Management**
- **Problem definition/Name of OFT: Assessment of Bio- fertilizer on growth and yield of mango cv. Amrapali**

1.	Title of On farm Trial	**Assessment of Bio- fertilizer on growth and yield of mango cv. Amrapali**
2.	Problem diagnosed	Low yield of mango cultivars.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer's practice –** 50 Kg FYM **T.O 1:** Arka Mango Special spray 5gm/lit (Two times) Time of Foliar Spray: First Spray – October - November Second Spray - February -March **T.O 2:** ½ dose of RDF (N:P:K::500: 250: 250 gm /tree) + 50 Kg FYM + Azospirillum culture (250 g/ tree) Time of Application: August – September
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IIHR Bangalore AICRP Sabour
5.	Production system and thematic area	**Integrated Nutrient Management**
6.	Performance of the **Technology with performance indicators**	1. **Technological observations** ➢ Avg. Fruit weight (gm) ➢ Fruit Yield per Plant (kg/tree) 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	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Results: Ongoing

OFT- 2 (Horticulture) (2024-25)

- **Thematic area: Resource Conservation Technology**
- **Problem definition/Name of OFT: Assessment of different mulching material in mango**

1.	Title of On farm Trial	Assessment of different mulching material in mango
2.	Problem diagnosed	In Gaya district mango growers are facing soil moisture stress condition due to dry area which leads to lower yield.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer's practice –** No mulching/ Litter fall of tree **T.O 1 :** Mulch of the same tree leaves **T.O 2 :** Paddy straw mulch **T.O 3 :** Tephrosia leaf mulch
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR, RCER Research Centre, Ranchi
5.	Production system and thematic area	**Resource Conservation Technology**
6.	Performance of the Technology with performance indicators	1. **Technological observations** ➢ Avg. Fruit weight (gm) ➢ Fruit Yield per Plant (kg/tree) 2. **Economical observations** ➢ Cost of cultivation (Rs.) ➢ Gross Return (Rs.) ➢ Net return (Rs.) ➢ B:C ratio (Rs.)
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Results: Ongoing

OFT- 3 (Veterinary Science) (2024-25)

- **Thematic area: Disease Management**
- **Problem definition/Name of OFT: Assessment of Feeding and Local Application of Herbal Medicine on Subclinical Mastitis**

1.	Title of On farm Trial (OFT)	Assessment of feeding and local application of herbal medicine on subclinical mastitis
2.	Problem diagnosed	High incidence of subclinical mastitis affecting milk yield and quality.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP-Hot fomentation + Aconite 30 @10 pills at 30-minute Interval 4 times TO1: Eucalyptus leaves+ Curcuma longa+ Aloe vera paste (1:1:1) TO2: Green coriander leaves 250gm orally for 5 days
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NDDB
5.	Production system and thematic area	Semi-intensive
6.	Performance of the Technology with performance indicators	udder condition, milk PH, CMT, milk production, and economics.
7.	Final recommendation for micro level situation	(Eucalyptus + Turmeric + Aloe Vera) showed the best results.
8.	Constraints identified and feedback for research	• Availability of herbal ingredients • Standardization of herbal formulations
9.	Process of farmers participation and their reaction	Farmers actively participated in the trial and reported positive feedback on herbal treatments.

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

Thematic area	Technology options with detailed treatment	Area (ha in crop & Fodder) / Nos (in livestock)		Average Milk Yield /Day/Animal	Cost of cultivation (Rs.)	Gross return (Rs.)	Net return (Rs.)	BC ratio
		Proposed	Actual					
Disease Management	FP-Hot fomentation + Aconite 30 @10 pills at 30-minute Interval 4 times	7	7	6.3	4250	8250	4000	1.94
	TO1: Eucalyptus leaves+ Curcuma longa+ Aloe vera paste (1:1:1)	7	7	7.0	4050	8850	4800	2.19
	TO2: Green coriander leaves 250gm orally for 5 days	7	7	6.7	4215	8750	4535	2.08

Technology option	Udder Condition (inflammation)	CMT Test (+ve)	Milk pH	Average Milk Yield /Day/Animal
TO1 (FP)	6	5	6.9	6.3
TO2	3	3	6.7	7.0
TO3	5	5	6.8	6.7

Result: as per above table Eucalyptus leaves+ Curcuma longa+ Aloe vera paste (1:1:1) is more beneficial in comparison to other technical option for treatment of subclinical mastitis.

OFT- 4 (Veterinary Science) (2024-25)

- **Thematic area: Feed Management**
- **Problem definition/Name of OFT: Assessment of nutrient supplementation of poor-quality dry roughages in dairy cows**

1.	Title of On farm Trial (OFT)	**Assessment of nutrient supplement of poor-quality dry roughage in dairy cow.**
2.	Problem diagnosed	• Farmers are feeding poor-quality chopped dry roughages (mainly paddy straw) to dairy animals, leading to poor digestibility, low milk production, and poor animal health. • Imbalance of essential minerals and energy deficit in the ration.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Feeding of chopped dry fodder ad libitum TO -1 Feeding of 4.0% Urea treated paddy straw ad libitum. TO -2: TO1+ Mineral mixture 100 gm + Salt 50 gram + Jaggery 250 gram
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IVRI, Izatnagar
5.	Production system and thematic area	Semi-intensive and feed Management
6.	Performance of the Technology with performance indicators	Milk production and economics
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Result: OFT ongoing

OFT- 5 (Home Science) (2024-25)

- **Thematic area: Drudgery Reduction**
- **Problem definition/Name of OFT:** Harvesting of Vegetable Crops cause cuts, Rashes on hand of farmers

1.	Title of On farm Trial	Assessment of effectiveness of vegetable harvesting cutter for vegetable crops
2.	Problem diagnosed	Harvesting of Vegetable Crops cause cuts, Rashes on hand of farmers
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer's Practice: Manually harvesting TO_1 – Silicon based harvesting cutter TO_2 – Silicon harvesting cutter with gloves TO_3 – Bhindi cutter
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	PAU Punjab
5.	Production system and thematic area	Drudgery reduction
6.	Performance of the Technology with performance indicators	Work efficiency (%), comfort level and musculoskeletal problems
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

OFT- 6 (Soil Science) (2024-25)

- **Thematic area:** Varietal Evaluation
- **Problem definition/Name of OFT:** Performance of the different varieties of Finger millets are not known

1.	Title of On farm Trial (OFT)	Assessment to performance of evaluation of some promising cultivar of finger millets for Gaya district
2.	Problem diagnosed	Performance of the different varieties of Finger millets are not known
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1 (Farmer's Practice)- RAU-8 TO II- Vakula TO III- VL Mandua-376
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IIMR, Hyderabad (2022)
5.	Production system and thematic area	Rice- Wheat- Green gram, Varietal Evaluation
6.	Performance of the Technology with performance indicators	The actual performance of each treatment was recorded and the highest yield (11.50 q/ha) was observed in TO- III (VL Mandua-376) due to highest length of finger and number of fingers per plant in comparison to TOII (Vakula) and TO I (Farmer's Practice)- RAU-8.. The treatment TO- I having slightly lower cost of cultivation, then TO III and TO I but benefit: cost ratio, net return and gross return was observed higher in the treatment TOIII (VL Mandua-376).
7.	Final recommendation for micro level situation	Final Recommendation for Micro-Level- Implementation of TO III- (VL Mandua-376) as observed more benefit: cost ratio, net return and gross return.
8.	Constraints identified and feedback for research	Required well drained, sandy or loamy soil, Lack of local processing units, Poor post harvest handling.
9.	Process of farmers participation and their reaction	This process follows a series of programmes like awareness, training, OFT implementation, and evaluation. Certain challenges like knowledge gaps, high cost of modern equipments, insufficient raining on value addition techniques.

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

Thematic area	Technology options with detailed treatments	Area (ha) in crop)		Days of Flowering	Length of Finger (cm)	No. of Finger /plant	Yield (q/ha)	Cost of cultivation (Rs. /ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual								
Integrated Crop Management	TO1(Farmer's Practice)- RAU-8	1.0	1.0	75	8.03	6	10.00	16400	42900	26500	2.61
	TO II- Vakula			71	8.40	6	10.50	17000	45045	28045	2.64
	TO III- VL Mandua-376			66	9.10	7	11.50	17800	49335	31535	2.77

Impact analysis:

Entrepreneurship development	Impact analysis of KVK interventions	30	5

Note: Ongoing

3.3 ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS (FLD)

A. Overall achievements of FLDs conducted during the year 2024

S. No.	Crop category	No. of FLD	Area (ha)/No.	No of beneficiaries	Yield in Demo (q/ha)	Yield in check (q/ha)
1.	Cereals	11	38.4	106		
2.	Oil Seed	1	10.0	26		
3.	Pulses	1	5.0	13		
4.	Horticulture Crops	8	5.46	287		
5.	Other crops					
6.	Hybrid crop					
7.	Livestock	3	635kg/1000 Nos.	157		
8.	Fisheries					
9.	Other enterprises	3	900 kits	146	2.0	1.5
10.	Women empowerment					
11.	Farm Machinery					
	Grand Total	**27**	**58.6 ha/635 kg /1000 Nos.**	**735**		

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
Biofortified Wheat (2023-24)	Nutrition management	BHU-31	15	6	29.4	22.2	33	26240	70528	44288	2.70	24512	53280	28768	2.2
		HUW-238	1	0.20	28.2	22.8	23.68	26570	64155	37585	2.41	25150	51870	26720	2.06
		AK-19	1	0.20	31.3	24.1	29.88	25980	71208	45228	2.74	24930	54828	29898	2.20
		N-21	1	0.20	28.8	24.9	15.66	26800	65520	38720	2.44	25115	56648	31533	2.26
		DBW-332	1	0.20	30.4	20.7	20.16	27100	69160	42060	2.55	24345	57558	33213	2.36
		HUW-711	1	0.20	28.5	26.2	8.78	26320	64838	38518	2.46	24625	59605	34980	2.42
		DBW-327	1	0.20	29.6	23.6	25.42	26000	67340	41340	2.59	25000	53690	28690	2.15
Biofortified Paddy	Nutrition management	DRR Dhan 69	12	4.0	38.2	34.4	2.14	33250	87860	54610	2.64	31690	79120	47430	2.45
		DRR Dhan 67	3	1.2	39.6	37.8	4.8	32650	91080	58430	2.79	31910	86940	55030	2.72
Ragi	Nutrition management	Seed	45	16	10.1	8.3	3.14	26210	43329	17119	1.65	25150	35607	10457	1.42
Wheat	Nutrition management	Demonstration on biofortified variety BHU-31, BHU-25, A.K. – 19	25	10.0	Standing Crop										
Total			**106**	**38.4**											

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
Sesamum (Til) (2023-24)	Crop Diversification	Seed	26	10	5.1	3.9	31.3	14927	47190	32263	3.16	14370	35927	21558	2.5
Total			26	10											

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

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
Pigeon pea	ICM	Seed (Var.-IPA– 203)	13	5.0	12.7	11.1	14.4	23335	88900	65565	3.8	21560	77700	56140	3.6
	Total		13	5.0											

* 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
Muskmelon (2023-24)	Cultivation of fruit	Seed	56	1.0	224.5	172.86	29.9	58450	134708	76258	2.3	56525	103715	46991	1.86
Cauliflower	Off-season vegetables	Sabour Agrim	13	0.8	180.6	168.3	7.30	87100	234500	147400	2.69	73700	167500	93800	2.27
Radish (SCSP)	Cultivation of Vegetable	Hybrid seed	61	1.8	140.5	125.2	12.20	53600	281000	227400	5.24	40200	187800	147600	4.67

Bitter Gourd (SCSP)	Cultivation of Vegetable	Seedlings	30	0.12	95.6	88.8	7.60	113900	324400	210500	2.84	83750	221400	137650	2.64
Brinjal (SCSP)	Cultivation of Vegetable	Seedlings	37	0.72	192.3	174.5	10.70	115000	384600	269600	3.34	95687	261750	166063	2.73
Chilli (SCSP)	Cultivation of Vegetable	Seedlings	37	0.24	64.9	51.4	15.4	100500	399300	298800	3.97	93800	257000	163200	2.70
Bottle gourd (SCSP)	Cultivation of Vegetable	Seedlings	7	0.09	218	171.1	6.3	97900	261600	184550	2.67	81650	181100	99450	2.21
Vegetable kit (NARI)	Poshan Vatika	HYV	46	0.69	Crop standing										
	Total		287	5.46											

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

5. Other crops

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

6. Demonstration details on crop hybrid varieties

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

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

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Others (Pl. specify)										
Total 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	Feed Management	Hydroponic fodder (Wheat)	10	400 kg	7.4	6.2	18.43			4361	11085	6724	2.54	4127	9360	5233	2.27
Cow	Dairy management	Area specific mineral mixture	47	235 Kg	8.03	6.98	14.99			8849	24089	15240	2.72	8604	20949	12345	2.43
Buffalo																	
Poultry	Backyard poultry	Vanraja	100	1000	2.7	1.60	69.81			2282	4781	2499	2.09	1550	2560	1010	1.65
Rabbitry																	
Piggery																	
Sheep and goat																	
Duckery																	
Others (Pl. specify)																	
Total			**157**														

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

** BCR= GROSS RETURN/GROSS COST

8. Fisheries

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

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

** BCR= GROSS RETURN/GROSS COST

9. Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
Button mushroom (2023-24)	Button mushroom	56	250	2.0 kg/bag	1.5 kg/bag	33.3	-	-	111	295	184	2.7	82	108	25	1.3
Button mushroom (2024-25)	Button mushroom	50	250	Result awaited												
Button mushroom (2024-25)	Button mushroom	40	400	Ongoing												
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																
Total		146	900													

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

** BCR= GROSS RETURN/GROSS COST

10. Women empowerment

Name of technology	No. of demonstrations	Name of technology	Observations		No. of Beneficiaries
			Check	**Demonstration**	
Women					
Drudgery Reduction					
Enterprises					
Farming System					
Health and nutrition					
Kitchen Garden					
Nutrigarden (Kharif)	50	High yield Variety	2849 kg	3265 kg	50
Nutrigarden (Rabi)	50	High yield Variety	2310 kgs	2875 kg	50
Storage Technique					
Value addition					
Women Empowerment					
Others					
Total - Women					
Children					
Health and nutrition					
Others					
Total - Children					
Other if any					
Total others					
Grand Total					

11. Farm implements and machinery

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

Intercultural operation tools and machineries										
Irrigation management tools and machineries										
Plant protection tools and machineries										
Harvesting tools and machineries										
Postharvest processing tools and machineries										
Total mechanization tools and machineries										
Others										
Total of Others										

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

12. Details of Agri-drone Demonstrations

	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 nutrient spray	GAYA	25-30 Sep 2024	Bishunpur	Paddy	40	16	40

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days				
2.	Farmers Training				
	Millets	25-01-2024, 19-02-2024, 01-06-2024, 08-07-2024, 19-07-2024, 14-08-2024, 11-09-2024	6	123	
	Mushroom	26-04-2024, 04-09-2024, 08-10-2024, 07-12-2024, 16-12-2024	5	91	
3.	Media coverage		7	Mass	
4.	Training for extension functionaries	23-09-2024, 07-12-2024, 11-12-2024	3	59	

Technical Feedback on the demonstrated technologies (if any)

Sl. No.	Crop	Feed Back
1	Ragi	RAU-8 is good variety. More area will be covered next year.
2	Mushroom	Training helped in producing more button mushroom per unit bag of good quality.

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
2023-24																
1.	Rabi	Mustard	20	58	HYV Seed (Var.-Pant Sweta) @ 5 kg/ha, Broadcasting, Seed treatment-Carbendazim @ 2.0 gm/kg seed, Azotobacter & PSB @ 1.0 Lit/ha, N:P:K @ 80:22:21(As per SHC recommendations), Pendimethalin 30EC @ 3.0 Lit/ha. as pre-emergence , Imidacloprid 17.8SL @ 1.0 ml/lit water & Carbendazim 12% +Mancozeb63% @ 2 gm/lit. water.	Local/Ulhas/Mali, S/R-7.5 Kg/ha, Broadcasting, N:P:K-30:60:23, Irrigation-1 , Imidacloprid 17.8SL @ 1 ml/lit water,	8.9	16.1	13.3	14.88	4.08	3.63	10.12	27.7	22.6	-37.2
2.	Rabi	Lentil	20	50	Seed (Var.-IPL – 316) @ 40 kg/ha, Broadcasting, Cabendazim @	Local/IPL 406 @ 60kg/ha, Broadcasting,N:P @ 30:20,	9.8	12.4	9.5	11.7	1.71	2.58	-6.3	17.12	28.29	-53.85

					2.5gm+ Chlorpyrifos20 EC @ 4ml+ Rhizobium culture @ 4ml+PSB @ 4ml per kg. seed, N:P @ 20:44, Pendimethalin 30EC @ 3.0 Lit/ha. as pre-emergence, Imidacloprid 17.8SL @ 1.0 ml/lit water & Carbendazim 12% +Mancozeb63% @ 2 gm/lit. water.	Broacasting P at the time of sowing and N at the time of light irrigation, Pendimethalin 30EC @ 2.5 lit & Imidacloprid 17.8SL @ 1 ml/lit water & Mancozeb @ 1 gm/lit. water										
2024-25															
1.	Kharif	Groundnut	20	51	Seed (K– 1812) N:P:K-25:63:25 Kg/ha, Pendimethalin@3.0 Litre/ha & Imidacloprid 17.8SL @ 1.0 ml/lit water & Carbendazim 12% +Mancozeb63% @ 2 gm/lit. water.	Seed(Local/Phule Pragati) @ 125Kg /ha, Dibbling, N:P:K @ 32:32:20 (at the time of sowing), Imidacloprid 17.8SL @ 2 ml/lit water	10.9	13.1	10.5	12.6	2.4	-3.2	-7.4	19.05	-25.40	-58.73
2.	Rabi	Mustard	200	500	Pant Sweta and RH-761 @ 5.0 kg/ha, N:P:K @80:40:40 kg/ha, Imidacloprid 17.8SL @ 250 ml/ha , Sulpur @ 1.0 kg/ha & Carbendazim 12% +Mancozeb63% @ 500 gm/ha.	Local/Ulhas/Mali, S/R-7.5 Kg/ha, Broadcasting, N:P:K-30:60:23, Irrigation-1 , Imidacloprid 17.8SL @ 1 ml/lit water,	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	
2023-24										
1	Local/Ulhas/Mali, S/R-7.5 Kg/ha, Broadcasting, N:P:K-30:60:23, Irrigation-1 , Imidacloprid 17.8SL @ 1 ml/lit water,	24884	47986	23103	1.93	31281	84058	52778	2.69	29675
2	Local/IPL 406 @ 60kg/ha, Broadcasting,N:P @ 30:20, Broacasting P at the time of sowing and N at the time of light irrigation, Pendimethalin 30EC @ 2.5 lit & Imidacloprid 17.8SL @ 1 ml/lit water & Mancozeb @ 1 gm/lit. water	21910	62965	41055	2.87	23240	74890	51650	3.22	10595
2024-25										
1	Seed(K-1812) @ 90 Kg/ha Broadcasting, N:P:K-25:63:25 Kg/ha, Pendimethalin@3.0 Litre/ha	48450	73935	25485	1.53	51625	85466	33841	1.66	8356
2										

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/ house hold)
2023-24								
1	Mustard	34420	567	56	4	1314	Fulfilling family needs	14
2	Lentil	19600	290	64.25	50	760	Fulfilling family needs	11
2024-25								
1	Groundnut	17396	209	67.83	110	86	Farming, Livelihood, child education, etc.	26
2	Mustard	Result awaited						

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
2023-24								
1.	Mustard	Better	II	80	Reliability of quality seed	Yes	Quality of seed should be maintained and irrigation facility to be ensured	Optimistic towards increasing acreage under mustard production due to increase in additional income
2.	Lentil	Better	II	81	Reliability of quality seed	Yes	Quality of seed should be maintained	Optimistic towards increasing acreage under lentil production due to increase in additional income as a result of increased yield
2024-25								
1	Groundnut	Better	II	85.9	No	Yes	Timely availability of quality seed and chemicals from reliable sources	Good
2	Mustard	Result awaited						

C. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
2023-24			
Pant Sweta –suitable for irrigated condition and sowing in October	Better	76% increased	Good
High yielding, resistance to rust and wilt	Better	14.3% increased	Good
2024-25			
High yielding, draught resistant and tolerant to pests and diseases	Better	18.66% increased	Good
Pant Sweta –suitable for irrigated condition and sowing in October. RH-761 – High yielding, resistant to frost and requires less water			

D. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmers attended
1	Scientific cultivation of groundnut	22-05-2024	36
2	Package & practices of groundnut	04-06-2024	16
3	Package & practices of groundnut	05-06-2024	15
4	Methods of groundnut production technology	01-07-2024	20
5	Scientific cultivation of mustard	28-10-2024	26
6	Scientific cultivation of mustard	30-10-2024	28
7	Scientific cultivation of mustard	30-10-2024	37
8	Scientific cultivation of mustard	01-11-2024	23
9	Scientific cultivation of mustard	05-11-2024	20
10	Scientific cultivation of mustard	08-11-2024	31
11	Scientific cultivation of mustard	09-11-2024	36
12	Scientific cultivation of mustard	02-12-2024	27
13	Scientific cultivation of mustard	03-12-2024	25
14	Scientific cultivation of mustard	07-12-2024	25
15	Scientific cultivation of mustard	19-12-2024	22
16	Scientific cultivation of mustard	22-01-2025	52
17	Scientific cultivation of mustard	23-01-2025	64

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

Mustard

Groundnut

F. Farmers' training photographs

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

H. Details of budget utilization

Crop (Provide crop wise information)	Items	Area (ha) allotted	Area (ha) achieved	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Mustard	i) Critical input	20.0	20.0	45,785.00	45,785.00	0.00
	ii) TA/DA/POL etc. for monitoring			615.00	615.00	0.00
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total	**20.0**	**20.0**	**46,400.00**	**46,400.00**	**0.00**
Lentil	i) Critical input	20.0	20.0	0.00	1,33,246.00	(-)1,33,246.00
	ii) TA/DA/POL etc. for monitoring			0.00	0.00	0.00
	iii) Extension Activities (Field Day)					
	iv)Publication of literature					
	Total	**20.0**	**20.0**	**0.00**	**1,33,246.00**	**(-)1,33,246.00**

3.4 ACHIEVEMENTS ON TRAINING /CAPACITY BUILDING PROGRAMMES

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

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
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)	1	0	0	0	23	0	23	0	0	0	23	0	23
Integrated Crop Management	1	0	0	0	0	26	26	0	0	0	0	26	26
Natural Farming	1	0	24	24	0	6	6	0	0	0	0	30	30
Planting material production	1	0	0	0	25	1	26	0	0	0	25	1	26
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)													

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
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
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	2	20	11	31	23	5	28	0	0	0	43	16	59
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	3	18	1	19	17	35	52	0	0	0	35	36	71
Poultry Management	3	0	0	0	3	69	72	0	0	0	3	69	72
Piggery Management													
Rabbit 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
Disease Management	9	14	5	19	96	107	203	0	0	0	110	112	222
Feed management	3	0	0	0	43	25	68	0	0	0	43	25	68
Production of quality animal products													
Others, if any Goat farming													
Fodder Production	2	0	0	0	30	17	47	0	0	0	30	17	47
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	3	0	3	0	36	36	0	0	0	3	36	39
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	3	0	0	0	15	38	53	0	0	0	15	38	53
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care	1	0	0	0	0	20	20	0	0	0	0	20	20
Others, if any													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
VIII. Fisheries													
Integrated fish farming	1	19	2	21	4	0	4	0	0	0	23	2	25
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
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	1	3	3	6	7	3	10	0	0	0	10	6	16
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
Integrated crop management	7	44	13	57	59	17	76	0	0	0	103	30	133

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
Household food security by kitchen gardening and nutrition gardening	1	1	29	30	0	16	16	0	0	0	1	45	46
Nutrition Management	1	0	28	28	0	7	7	0	0	0	0	35	35
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	**43**	**122**	**116**	**238**	**345**	**428**	**773**	**0**	**0**	**0**	**467**	**544**	**1011**

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	1	10	0	10	8	0	8	0	0	0	18	0	18
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture	1	15	6	21	1	3	4	0	0	0	16	9	25
Sericulture													
Protected cultivation of vegetable crops	2	3	31	34	2	24	26	0	0	0	5	55	60
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	1	11	4	15	8	1	9	0	0	0	19	5	24
Training and pruning of orchards	1	11	4	15	8	1	9	0	0	0	19	5	24
Value addition	1	0	10	10	0	20	20	0	0	0	0	30	30
Production of quality animal products													
Dairying	4	79	8	87	27	5	32	0	0	0	106	13	119
Sheep and goat rearing	3	42	5	47	29	18	47	0	0	0	71	23	94
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development	1	13	6	19	7	4	11	0	0	0	20	10	30
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching	1	0	0	0	0	31	31	0	0	0	0	31	31
Rural Crafts													
TOTAL	**16**	**184**	**74**	**258**	**90**	**107**	**197**	**0**	**0**	**0**	**274**	**181**	**455**

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	2	20	19	39	11	14	25	0	0	0	31	33	64
Value addition													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology	1	0	0	0	0	0	0	14	0	14	14	0	14
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	4	1	24	25	1	3	4	21	38	59	23	65	88
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Nursery Management of Horticulture crops	3	36	11	47	26	5	31	0	0	0	62	16	78
Training and pruning of orchards	2	22	8	30	16	2	18	0	0	0	38	10	48
Poultry management	1	13	3	16	10	3	13	0	0	0	23	6	29
Disease management	1	10	3	13	8	3	11	0	0	0	18	6	24
Dairy farming	1	50	4	54	7	2	9	0	0	0	57	6	63
Natural Farming	1	15	2	17	6	2	8	0	0	0	21	4	25
Integrated Weed Management	1	2	22	24	0	4	4	0	0	0	2	26	28
Soil and Water Conservation	2	28	6	34	20	6	26	0	0	0	48	12	60
TOTAL	**19**	**197**	**102**	**299**	**105**	**44**	**149**	**35**	**38**	**73**	**337**	**184**	**521**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
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)	1	15	0	15	2	8	10	0	0	0	17	8	25
Integrated Crop Management	5	31	35	66	24	21	45	0	0	0	55	56	111
Natural Farming	2	39	10	49	4	0	4	0	0	0	43	10	53
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													
Processing and value addition													
Others, if any													
e) Tuber 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													
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	3	30	15	45	15	15	30	0	0	0	45	30	75
Integrated Nutrient Management	4	31	2	33	38	27	65	0	0	0	69	29	98
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													
Integrated Weed Management	1	20	0	20	5	0	5	0	0	0	25	0	25
Integrated Disease Management	1	7	10	17	3	5	8	0	0	0	10	15	25
IV. Livestock Production and Management													
Dairy Management	1	23	1	24	3	0	3	0	0	0	26	1	27
Poultry Management	1	0	0	0	5	18	23	0	0	0	5	18	23
Piggery Management													
Rabbit Management													
Disease Management	2	6	8	14	20	15	35	0	0	0	26	23	49
Feed management	1	18	2	20	1	1	2	0	0	0	19	3	22
Production of quality animal products													
Others, if any Goat farming	1	0	0	0	19	11	30	0	0	0	19	11	30
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	3	5	31	36	8	21	29	0	0	0	13	52	65
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	1	11	8	19	3	2	5	0	0	0	14	10	24
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	0	0	0	0	15	15	0	0	0	0	15	15
Enterprise development													
Value addition	1	6	0	6	17	2	19	0	0	0	23	2	25
Income generation activities for empowerment of rural Women	1	16	6	22	4	0	4	0	0	0	20	6	26

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
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care	3	13	8	21	17	27	44	0	0	0	30	35	65
Others, if any													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
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													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of 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	3	23	17	40	11	7	18	0	0	0	34	24	58
WTO and IPR issues													
Others, if any													
Integrated crop management	13	215	15	230	86	27	113	0	0	0	301	42	343
Millets Production	1	12	3	15	2	2	4	0	0	0	14	5	19
Nutrition Management	3	37	11	48	17	7	24	0	0	0	54	18	72
Natural Farming	5	44	43	87	4	19	23	0	0	0	48	62	110
Soil Test	2	54	14	68	26	8	34	0	0	0	80	22	102
Weed Management	2	9	6	15	12	18	30	0	0	0	21	24	45
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	**62**	**665**	**245**	**910**	**346**	**276**	**622**	**0**	**0**	**0**	**1011**	**521**	**1532**

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	1	22	4	26	3	21	24	0	0	0	25	25	50
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying	1	22	20	42	3	5	8	0	0	0	25	25	50
Sheep and goat rearing	1	23	13	36	2	12	14	0	0	0	25	25	50
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	**3**	**67**	**37**	**104**	**8**	**38**	**46**	**0**	**0**	**0**	**75**	**75**	**150**

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													
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													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL													

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													
Resource Conservation Technologies													
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)													
TOTAL													
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													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	2	15	0	15	25	8	33	0	0	0	40	8	48
Integrated Crop Management	6	31	35	66	24	47	71	0	0	0	55	82	137
Natural Farming	3	39	34	73	4	6	10	0	0	0	43	40	83
Planting material Production	1	0	0	0	25	1	26	0	0	0	25	1	26
TOTAL	12	85	69	154	78	62	140	0	0	0	163	131	294
b) Fruits													
Training and Pruning													
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)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													

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
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation	3	30	15	45	15	15	30	0	0	0	45	30	75
Integrated Nutrient Management	6	51	13	64	61	32	93	0	0	0	112	45	157
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													
Integrated Weed Management	1	7	10	17	3	5	8	0	0	0	10	15	25
Integrated Disease Management	1	20	0	20	5	0	5	0	0	0	25	0	25
TOTAL	**11**	**108**	**38**	**146**	**84**	**52**	**136**	**0**	**0**	**0**	**192**	**90**	**282**
IV. Livestock Production and Management													
Dairy Management	4	41	2	43	20	35	55	0	0	0	61	37	98
Poultry Management	4	0	0	0	8	87	95	0	0	0	8	87	95
Piggery Management													
Rabbit Management													
Disease Management	11	20	13	33	116	122	238	0	0	0	136	135	271
Feed management	4	18	2	20	44	26	70	0	0	0	62	28	90
Production of quality animal products													
Others, if any (Goat farming)	1	0	0	0	19	11	30	0	0	0	19	11	30
Fodder Production	2	0	0	0	30	17	47	0	0	0	30	17	47

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL	26	79	17	96	237	298	535	0	0	0	316	315	631
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	5	8	31	39	8	57	65	0	0	0	16	88	104
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	1	11	8	19	3	2	5	0	0	0	14	10	24
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	0	0	0	0	15	15	0	0	0	0	15	15
Enterprise development													
Value addition	4	6	0	6	32	40	72	0	0	0	38	40	78
Income generation activities for empowerment of rural Women	1	16	6	22	4	0	4	0	0	0	20	6	26
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care	4	13	8	21	17	47	64	0	0	0	30	55	85
Others, if any													
TOTAL	16	54	53	107	64	161	225	0	0	0	118	214	332
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any													
TOTAL													
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													
TOTAL													
VIII. Fisheries													
Integrated fish farming	1	19	2	21	4	0	4	0	0	0	23	2	25
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													

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
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	1	3	3	6	7	3	10	0	0	0	10	6	16
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths	3	23	17	40	11	7	18	0	0	0	34	24	58
WTO and IPR issues													
Others, if any													
Household food security by kitchen gardening and nutrition gardening	1	1	29	30	0	16	16	0	0	0	1	45	46
Integrated Crop Management	20	259	28	287	145	44	189	0	0	0	404	72	476
Millets Production	1	12	3	15	2	2	4	0	0	0	14	5	19
Natural Farming	5	44	43	87	4	19	23	0	0	0	48	62	110
Nutrition Management	4	37	39	76	17	14	31	0	0	0	54	53	107
Soil Test	2	54	14	68	26	8	34	0	0	0	80	22	102
Weed Management	2	9	6	15	12	18	30	0	0	0	21	24	45
TOTAL	39	442	182	624	224	131	355	0	0	0	666	313	979
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL	**198**	**1447**	**682**	**2129**	**1294**	**1356**	**2650**	**0**	**0**	**0**	**2741**	**2038**	**4779**

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	2	32	4	36	11	21	32	0	0	0	43	25	68
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermi-culture	1	15	6	21	1	3	4	0	0	0	16	9	25
Sericulture													
Protected cultivation of vegetable crops	2	3	31	34	2	24	26	0	0	0	5	55	60
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	1	11	4	15	8	1	9	0	0	0	19	5	24
Training and pruning of orchards	1	11	4	15	8	1	9	0	0	0	19	5	24
Value addition	1	0	10	10	0	20	20	0	0	0	0	30	30
Production of quality animal products													
Dairying	5	101	28	129	30	10	40	0	0	0	131	38	169
Sheep and goat rearing	4	65	18	83	31	30	61	0	0	0	96	48	144
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	1	0	0	0	0	31	31	0	0	0	0	31	31
Rural Crafts													
Enterprise development	1	13	6	19	7	4	11	0	0	0	20	10	30
Others if any (ICT application in agriculture)													
TOTAL	**19**	**251**	**111**	**362**	**98**	**145**	**243**	**0**	**0**	**0**	**349**	**256**	**605**

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	2	20	19	39	11	14	25	0	0	0	31	33	64
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology	1	0	0	0	0	0	0	14	0	14	14	0	14
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	4	1	24	25	1	3	4	21	38	59	23	65	88
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
Nursery Management of Horticulture crops	3	36	11	47	26	5	31	0	0	0	62	16	78
Training and pruning of orchards	2	22	8	30	16	2	18	0	0	0	38	10	48
Poultry management	1	13	3	16	10	3	13	0	0	0	23	6	29
Disease management	1	10	3	13	8	3	11	0	0	0	18	6	24
Dairy farming	1	50	4	54	7	2	9	0	0	0	57	6	63
Natural Farming	1	15	2	17	6	2	8	0	0	0	21	4	25
Integrated Weed Management	1	2	22	24	0	4	4	0	0	0	2	26	28
Soil and Water Conservation	2	28	6	34	20	6	26	0	0	0	48	12	60
TOTAL	**19**	**197**	**102**	**299**	**105**	**44**	**149**	**35**	**38**	**73**	**337**	**184**	**521**

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	
Extension Education											
Ext. Edn.	PF	Importance of kitchen garden for nutritional security	1	OFF	4	2	6	9	3	12	18
Ext. Edn.	PF	Awareness for use of soil health card	1	OFF	14	0	14	38	2	40	54
Ext. Edn.	PF	Improving soil health through natural farming	1	OFF	0	9	9	0	14	14	23
Ext. Edn.	PF	Benefits of millets consumption on health	1	OFF	2	2	4	12	3	15	19
Ext. Edn.	PF	Awareness for use of soil health card	1	OFF	12	8	20	16	12	28	48
Ext. Edn.	PF	Importance & methods of natural farming	1	OFF	0	3	3	2	10	12	15
Ext. Edn.	PF	Importance of kitchen garden for healthy life	1	ON	0	16	16	1	29	30	46
Ext. Edn.	PF	Eradication of malnutrition by millets & kitchen garden	1	ON	0	7	7	0	28	28	35
Ext. Edn.	PF	Scientific cultivation of millet crops	1	OFF	3	0	3	14	0	14	17
Ext. Edn.	PF	Importance of kitchen garden in eradicating malnutrition	1	OFF	4	0	4	10	1	11	15
Ext. Edn.	PF	Soil management by natural farming	1	OFF	4	0	4	14	0	14	18
Ext. Edn.	PF	Balanced diet through kitchen garden	1	OFF	9	5	14	18	7	25	39
Ext. Edn.	PF	Methods of natural farming and its importance	1	OFF	0	7	7	0	19	19	26
Ext. Edn.	PF	Scientific cultivation of Madua	1	ON	30	0	30	0	0	0	30
Ext. Edn.	PF	Scientific cultivation of groundnut	1	OFF	21	15	36	0	0	0	36
Ext. Edn.	PF	Scientific cultivation of paddy, Natural farming & organic farming	1	OFF	0	0	0	28	0	28	28
Ext. Edn.	PF	Production practices of millets & its processing	1	ON	0	8	8	0	6	6	14
Ext. Edn.	PF	Package & practices of groundnut	1	ON	3	2	5	7	4	11	16
Ext. Edn.	PF	Package & practices of groundnut	1	ON	6	7	13	0	2	2	15
Ext. Edn.	PF	Methods of groundnut production technology	1	ON	11	0	11	9	0	9	20
Ext. Edn.	PF	FPO is the need of the time for enhancing income.	1	ON	7	3	10	3	3	6	16
Ext. Edn.	PF	Cultivation of cheena in perspective of climate	1	ON	4	0	4	7	1	8	12
Ext. Edn.	PF	Package & practices of finger millet	1	OFF	4	2	6	7	3	10	16
Ext. Edn.	PF	Weed control in ragi	1	OFF	4	10	14	9	6	15	29
Ext. Edn.	PF	Income generation through mushroom production	1	OFF	7	4	11	1	1	2	13
Ext. Edn.	PF	Weed management in millets	1	OFF	8	8	16	0	0	0	16
Ext. Edn.	PF	Honey production for self-income generation	1	OFF	3	2	5	15	4	19	24

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of SC/ST			Number of participants (Others)			Overall participants
					M	F	Total	M	F	Total	
Ext. Edn.	PF	Enhancing income by means of value-added products of mushroom	1	OFF	1	1	2	7	12	19	21
Ext. Edn.	PF	Scientific cultivation of mustard	1	ON	5	0	5	21	0	21	26
Ext. Edn.	PF	Scientific cultivation of mustard	1	OFF	4	0	4	23	1	24	28
Ext. Edn.	PF	Scientific cultivation of mustard	1	OFF	5	2	7	27	3	30	37
Ext. Edn.	PF	Scientific cultivation of mustard	1	OFF	2	0	2	21	0	21	23
Ext. Edn.	PF	Scientific cultivation of mustard	1	OFF	3	2	5	12	3	15	20
Ext. Edn.	PF	Scientific cultivation of mustard	1	OFF	8	0	8	23	0	23	31
Ext. Edn.	PF	Scientific cultivation of mustard	1	OFF	8	3	11	24	1	25	36
Ext. Edn.	PF	Scientific cultivation of mustard	1	OFF	4	0	4	21	2	23	27
Ext. Edn.	PF	Scientific cultivation of mustard	1	OFF	8	1	9	16	0	16	25
Ext. Edn.	PF	Scientific cultivation of mustard	1	OFF	9	0	9	15	1	16	25
Ext. Edn.	PF	Scientific cultivation of mustard	1	OFF	7	2	9	12	1	13	22
Ext. Edn.	RY	Mushroom production technology	5	OFF	3	21	24	22	4	26	50
Ext. Edn.	RY	Entrepreneurship development in mushroom production	5	ON	7	4	11	13	6	19	30
Ext. Edn.	EF	Scientific cultivation of groundnut	1	ON	8	2	10	16	3	19	29
Ext. Edn.	EF	Soil management of natural farming	1	ON	6	2	8	15	2	17	25
Ext. Edn.	EF	Package & practices of ragi (madua)	1	ON	3	12	15	4	16	20	35
Animal Science											
Ani. Sci.	PF	Management of cattle in winter season	1	OFF	3	0	3	23	1	24	27
Ani. Sci.	PF	Disease management in goat	1	OFF	14	8	22	0	0	0	22
Ani. Sci.	PF	Commercial broiler farming	1	OFF	5	18	23	0	0	0	23
Ani. Sci.	PF	Small scale goat farming	1	OFF	19	11	30	0	0	0	30
Ani. Sci.	PF	Treatment of straw with urea	1	OFF	1	1	2	18	2	20	22
Ani. Sci.	PF	Management of HS & BQ in dairy animals	1	ON	0	25	25	0	0	0	25
Ani. Sci.	PF	Income generation through backyard poultry	1	ON	3	22	25	0	0	0	25
Ani. Sci.	PF	Management of HS & BQ in dairy animals	1	ON	22	3	25	0	0	0	25
Ani. Sci.	PF	Treatment of straw with urea	1	ON	26	2	28	0	0	0	28
Ani. Sci.	PF	Management of infertility in dairy animals	1	ON	5	21	26	0	0	0	26

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	
Ani. Sci.	PF	Management of HS & BQ in dairy animals	1	ON	24	3	27	0	0	0	27
Ani. Sci.	PF	Method of calculation of balance ration in dairy animals	1	ON	14	1	15	0	0	0	15
Ani. Sci.	PF	Commercial broiler farming	1	ON	0	21	21	0	0	0	21
Ani. Sci.	PF	Vaccination in cattle and poultry	1	ON	5	1	6	18	1	19	25
Ani. Sci.	PF	Fish farming	1	ON	4	0	4	19	2	21	25
Ani. Sci.	PF	Common disease in goat	1	OFF	6	7	13	6	8	14	27
Ani. Sci.	PF	Clean milk production	1	ON	6	12	18	0	0	0	18
Ani. Sci.	PF	Fodder production round the year	1	ON	4	15	19	0	0	0	19
Ani. Sci.	PF	Management of common diseases in goat	1	ON	24	0	24	0	0	0	24
Ani. Sci.	PF	Feed management in dairy animals	1	ON	25	1	26	0	0	0	26
Ani. Sci.	PF	Vaccination in poultry	1	ON	0	26	26	0	0	0	26
Ani. Sci.	PF	Backyard poultry farming	1	ON	0	26	26	0	0	0	26
Ani. Sci.	PF	Management of FMD in dairy animals	1	ON	5	13	18	0	0	0	18
Ani. Sci.	PF	Treatment of straw with urea	1	ON	4	23	27	0	0	0	27
Ani. Sci.	PF	Management of FMD in dairy animals	1	ON	11	12	23	0	0	0	23
Ani. Sci.	PF	Management of cattle in dairy animals	1	ON	6	22	28	0	0	0	28
Ani. Sci.	PF	Management of FMD in cattle	1	ON	5	4	9	14	5	19	28
Ani. Sci.	RY	Goatry management	4	ON	10	0	10	19	0	19	29
Ani. Sci.	RY	Goatry management	4	ON	16	14	30	0	0	0	30
Ani. Sci.	RY	Income generation through dairy management	4	ON	4	0	4	24	0	24	28
Ani. Sci.	RY	Income generation through dairy management	4	ON	13	0	13	15	0	15	28
Ani. Sci.	RY	Income generation through goat farming (Under 100 Days Action Plan)	5	OFF	2	12	14	23	13	36	50
Ani. Sci.	RY	Income generation through dairy farming (Under 100 Days Action Plan)	5	OFF	3	5	8	22	20	42	50
Ani. Sci.	RY	Income generation through dairy farming (Under 100 Days Action Plan)	5	ON	5	1	6	22	2	24	30
Ani. Sci.	RY	Goat farming	5	ON	3	4	7	23	5	28	35
Ani. Sci.	RY	Income generation through dairy farming	5	ON	5	4	9	18	6	24	33
Ani. Sci.	EF	Commercial broiler farming (RPL)	1	ON	10	3	13	13	3	16	29
Ani. Sci.	EF	Disease management in dairy animal (RPL)	1	ON	8	3	11	10	3	13	24
Ani. Sci.	EF	Preparation of project for dairy farming (Under 100 Days Action Plan)	1	ON	7	2	9	50	4	54	63

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of SC/ST			Number of participants (Others)			Overall participants
					M	F	Total	M	F	Total	
Horticulture											
Hort.	PF	Sahjan ki vaigyanik kheti	1	OFF	0	0	0	0	25	25	25
Hort.	PF	Method of preparation of main components of natural farming	1	OFF	4	0	4	19	5	24	28
Hort.	PF	Benefits of natural farming	1	ON	0	6	6	0	24	24	30
Hort.	PF	Pro-tray nursery technique for vegetable production (SCSP)	1	ON	25	1	26	0	0	0	26
Hort.	PF	Scientific cultivation of Brinjal cultivation	1	OFF	2	8	10	15	0	15	25
Hort.	PF	Scientific cultivation of Early cauliflower production (SCSP)	1	ON	23	0	23	0	0	0	23
Hort.	PF	Intercropping in vegetables	1	ON	0	26	26	0	0	0	26
Hort.	PF	Application of components of natural farming	1	OFF	0	0	0	20	5	25	25
Hort.	PF	Crop management in Poshan Vatika	1	OFF	0	0	0	10	10	20	20
Hort.	PF	Disease & pest management in brinjal & chili	1	OFF	8	15	23	0	0	0	23
Hort.	PF	Improved cultivation of vegetable crops	1	OFF	16	6	22	0	0	0	22
Hort.	PF	Management of fruit crop for IFS	1	OFF	0	0	0	21	0	21	21
Hort.	RY	Improved technology for vegetables cultivation	4	ON	0	10	10	0	20	20	30
Hort.	RY	High density planting of Mango	1	ON	8	1	9	11	4	15	24
Hort.	RY	Pro-tray production of cucurbitaceous vegetables	1	ON	8	1	9	11	4	15	24
Hort.	RY	Sabji Utpadan Ki Unnat Taknik	5	ON	2	14	16	3	11	14	30
Hort.	EF	Nursery raising for cucurbitaceous vegetable saplings	1	ON	10	3	13	14	3	17	30
Hort.	EF	High density planting of Mango	1	ON	8	1	9	11	4	15	24
Hort.	EF	Pro-tray production of cucurbitaceous vegetables	1	ON	8	1	9	11	4	15	24
Hort.	EF	High density planting of Mango	1	ON	8	1	9	11	4	15	24
Hort.	EF	Pro-tray production of cucurbitaceous vegetables	1	ON	8	1	9	11	4	15	24
Hort.	EF	Establishment of Nutri-garden	1	ON	0	0	0	0	0	0	14
Hort.	EF	Strawberry production technology	1	ON	0	0	0	0	0	0	14
Hort.	EF	Rabi season vegetables crop management in nutri- garden	1	ON	0	0	0	0	0	0	20
Hort.	EF	Establishment of nutri-garden	1	ON	0	0	0	0	0	0	25
Soil Science											
Soil Sci.	PF	Improving soil health by natural farmimg.	1	OFF	4	16	20	0	0	0	20
Soil Sci.	PF	Natural Farming	1	ON	20	0	20	6	0	6	26
Soil Sci.	PF	Awareness in use and importance of soil health card	1	OFF	24	1	25	0	0	0	25
Soil Sci.	PF	Improving soil health by organic farming	1	ON	3	5	8	14	11	25	33
Soil Sci.	PF	Management of irrigation water in different crops	1	OFF	0	5	5	20	0	20	25
Soil Sci.	PF	Integrated nutrient management in paddy	1	OFF	4	6	10	18	0	18	28
Soil Sci.	PF	Paddy crop integrated disease management	1	OFF	3	5	8	7	10	17	25
Soil Sci.	PF	Integrated weed management in rabi crops	1	OFF	5	0	5	20	0	20	25

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	
Soil Sci.	PF	Zero-tillage technique in wheat	1	OFF	5	5	10	0	15	15	25
Soil Sci.	PF	Irrigation management in wheat crop	1	OFF	10	5	15	10	0	10	25
Soil Sci.	PF	Fertilizer management in rabi crop	1	OFF	6	4	10	13	2	15	25
Soil Sci.	RY	Employment through vermicompost	5	ON	1	3	4	15	6	21	25
Soil Sci.	EF	Conservation of soil and water	1	ON	10	3	13	14	3	17	30
Soil Sci.	EF	Fertility management on rabi crops	1	ON	10	3	13	14	3	17	30
Soil Sci.	EF	Weed management in rabi crops	1	ON	0	4	4	2	22	24	28
Home Science											
Home Sc	PF	Cultivation of Mushroom	1	OFF	17	2	19	6	0	6	25
Home Sc	PF	Balance diet through nutri-garden	1	OFF	0	0	0	0	25	25	25
Home Sc	PF	Poshan Vatika ki Sthapna	1	ON	0	17	17	3	0	3	20
Home Sc	PF	Investing in skills for empowerment of Rural women	1	OFF	4	0	4	16	6	22	26
Home Sc	PF	Preparation of high nutrient efficiency diet for mother and children	1	ON	0	20	20	0	0	0	20
Home Sc	PF	Awareness about daily requirement of nutrients	1	OFF	2	8	10	7	3	10	20
Home Sc	PF	Improved storage techniques to reduce post-harvest treatment	1	OFF	0	15	15	0	0	0	15
Home Sc	PF	Millet Processing (SCSP)	1	ON	0	21	21	0	0	0	21
Home Sc	PF	Nutri-garden and bio-fortified varieties	1	ON	0	19	19	0	0	0	19
Home Sc	PF	Nutri cereals and their role on human health	1	OFF	6	21	27	0	0	0	27
Home Sc	PF	Investing in skill for empowerment of rural women	1	OFF	6	3	9	6	5	11	20
Home Sc	PF	Awareness about daily requirement of nutrients	1	OFF	9	16	25	0	0	0	25
Home Sc	PF	Establishment of nutri-garden	1	OFF	2	0	2	5	6	11	13
Home Sc	PF	Maximise nutrition minimising cost: Training on diet efficiency	1	OFF	3	2	5	11	8	19	24
Home Sc	PF	Cultivation of mushroom	1	ON	13	7	20	0	0	0	20
Home Sc	PF	Value addition of mushroom	1	ON	2	10	12	0	0	0	12
Home Sc	RY	Income Generation through value added products of Ragi	4	ON	0	20	20	0	10	10	30
Home Sc	RY	Tailoring Training (SCSP)	15	ON	0	31	31	0	0	0	31
Home Sc	RY	Cultivation of mushroom	4	ON	8	0	8	10	0	10	18
Home Sc	EF	Establishment of nutri-garden in rabi season	1	ON	1	3	4	1	24	25	29

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Mushroom	Mushroom	Mushroom production technology	5	25	25	50			6	3
Mushroom	Mushroom	Entrepreneurship development in mushroom production	5	20	10	30			2	1
Livestock	Goat farming	Goatry management	4	29	0	29			9	
Livestock	Goat farming	Goatry management	4	16	14	30			7	
Livestock	Dairy	Income generation through dairy management	4	28	0	28			6	
Livestock	Dairy	Income generation through dairy management	4	28	0	28			4	
Livestock	Goat farming	Income generation through goat farming (Under 100 Days Action Plan)	5	25	25	50			7	
Livestock	Dairy	Income generation through dairy farming (Under 100 Days Action Plan)	5	25	25	50			5	
Livestock	Dairy	Income generation through dairy farming (Under 100 Days Action Plan)	5	27	3	30			2	
Livestock	Goat farming	Goat farming	5	26	9	35			4	
Livestock	Dairy	Income generation through dairy farming	5	23	10	33			3	
Horticulture		Improved technology for vegetables cultivation	4	0	30	30			6	
		High density planting of Mango	2	19	5	24			1	
		Pro-tray production of cucurbitaceous vegetables	2	19	5	24			4	
		Sabji Utpadan Ki Unnat Taknik	5	5	25	30			16	
Soil Science	Vermicompost	Employment through vermicompost	5	16	9	25			2	
Home Science		Income Generation through value added products of Ragi	4	0	30	30				
		Tailoring Training (SCSP)	15	0	31	31			6	1
		Cultivation of mushroom	4	18	0	18			3	

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

I) Sponsored Training Programmes

Sl.	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants									Sponsoring Agency
					PF/RY/EF		Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Goatry management	Goat farming	10-13 Jan	4	RY	1	19	10	0	0	0	0	19	10	0	29	SSB
2	Income generation through dairy management	Dairy management	30 Jan-02 Feb	4	RY	1	24	4	0	0	0	0	24	4	0	28	SSB
3	Income generation through dairy management	Dairy farming	6-9 Feb	4	RY	1	15	13	0	0	0	0	15	13	0	28	SSB
4	Mushroom production	Mushroom production	15-18 Oct	4	RY	1	11	7	0	0	0	0	11	7	0	18	SSB

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

Animal Disease Management													
Fisheries Nutrition													
Fisheries Management													
Other													
Total													
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total													

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

Total no of training organized	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
1													

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

Total no of training organized	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
1	AGR/Q7601	Agriculture Extension Service Provider (Ver-3.0)	60	10	3	0	0	14	2	24	5	29	1,80,417
2	AGR/Q7601	Agriculture Extension Service Provider (Ver-3.0)	60	8	1	+0	0	12	3	20	4	24	1,60,117
3	AGR/Q7601	Agriculture Extension Service Provider (Ver-3.0)	60	1	4	0	0	1	23	24	5	29	1,75,847

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																
Kisan Mela participated	2	139	61	200	150	0	8	0	8	2	0	147	61	208	152	0
Field Day	3	144	49	193	113	0	1	0	1	1	0	145	49	194	114	0
Kisan Ghosthi	5	330	61	391	143	0	7	0	7	1	0	337	61	398	144	0
Exhibition organized																
Participation in exhibition	3	381	302	683	71	0	41	25	66	17	0	422	327	749	88	0
Film Show	2	86	49	135	87	0	4	0	4	1	0	90	49	139	88	0
Method Demonstrations	1	59	6	65	11	0	0	0	0	0	0	59	6	65	11	0
Farmers Seminar				0		0			0		0	0	0	0	0	0
Workshop	2	25	0	25	5	0	118	19	137	18	0	143	19	162	23	0
Group discussion	2	84	4	88	10	0	5	0	5	0	0	89	4	93	10	0
Lectures delivered as resource persons	31	1832	615	2447	827	0	127	43	170	37	0	1959	658	2617	864	0
Advisory Services	2223	1764	459	2223	961	0	59	26	85	18	0	1823	485	2308	979	0
Scientific visit to farmers field	131	1552	823	2375	958	0	82	58	140	36	0	1634	881	2515	994	0
Farmers visit to KVK	1264	591	359	950	516	0	4	2	6	1	0	595	361	956	517	0
Diagnostic visits	1	15	3	18	4	0	0	0	0	0	0	15	3	18	4	0
Exposure visits	5	461	369	830	284	0	43	25	68	24	0	504	394	898	308	0
Ex-trainees Sammelan																
Soil health Camp																
Animal Health Camp	1	28	19	47	31	0	1	0	1	1	0	29	19	48	32	0
Agri mobile clinic																
Soil test campaigns																
Farm Science Club Conveners meet																
Self Help Group Conveners meetings																
Mahila Mandals Conveners meetings																
Special day celebration	30	892	398	1290	425	0	64	32	96	27	0	956	430	1386	452	0
Sankalp Se Siddhi																
Swatchta Hi Sewa	13	232	106	338	68	0	54	22	76	11	0	286	128	414	79	0
Celebration of important date	8	158	170	328	76	0	42	19	61	8	0	200	189	389	84	0
Others																
Human health camp	2	86	64	150	37	0	2	2	4	0	0	88	66	154	37	0

B. Other Extension/content mobilization activities

Nature of Extension Activity	No. of activities
Newspaper coverage	42
Radio talks	36
TV talks	
Popular articles published	2
Extension Literature	10
Electronic media	8
Any other	

C. Technology week celebration

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

D. Celebration of important days in KVKs

Celebration of Important Days	No. of activities	Farmers			Extension Officials			Total		
		M	F	Total	M	F	Total	M	F	Total
Republic day (26th Jan.)	1	17	9	26	14	6	20	31	15	46
International Women's Day (8th Mar.)	1	0	61	61	0	0	0	0	61	61
Ambedkar Jayanti (14th Apr.)										
World's Veterinary Day (Last week of April)										
World 'Milk Day										
International Yoga Day (21st Jun.)	1	0	0	0	9	4	13	9	4	13
Independence Day (15th Aug.)	1	0	0	0	19	9	28	19	9	28
Parthenium Awareness Week	1	3	5	8	0	0	0	3	5	8
Hindi Diwas (14th Sep.)	1	20	15	35	0	0	0	20	15	35
Gandhi Jayanti (2nd Oct.)	1	10	2	12	0	0	0	10	2	12
Mahila Kisan Diwas (15th Oct.)	1	0	26	26	0	0	0	0	26	26
World Food Day (16th Oct.)										
Vigilance Awareness Week	1	7	4	11	0	0	0	7	4	11
National Unity Day (31st Oct.)										
World Science Day (10th Nov.)										
National Education Day (11th Nov.)										
Fisheries day (21 Nov)										
National Constitution Day (26th Nov.)	1	0	0	0	9	4	13	9	4	13
World Soil Day (5th Dec.)										
Kisan Diwas (23rd Dec.)	1	66	59	125	0	0	0	66	59	125
Any other day										

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	Live telecast Programme of Hon'ble PM for release of 16th Instalment of PM Kisan Samman Nidhi	Hon'ble PM	167	13	0	180
2.	18-06-2024	Live telecast Programme of Hon'ble PM for release of 17th Instalment of PM Kisan Samman Nidhi	Hon'ble PM	101	5	0	106
3.	11-08-2024	Hon'ble PM's programme vis-a-vis Release of 109 Crop varieties developed by ICAR	Hon'ble PM	33	12	0	45
4.	15-08-2024	Nationwide Launch of National Pest Surveillance System (NPSS) by Honourable Agriculture Minister	Hon'ble AM	5	11	0	16
5.	05-10-2024	Live telecast of Release of 18th instalments of PM KISAN Sammelan 05-10-2024 & Launch of various initiatives related to the Agricultural and Animal Husbandry Sector by Hon'ble Prime Minister	Hon'ble PM	34	6	0	40
6.	07-12-2024	Live telecast for viewing of First episode of Krishi Choupal at KVKs	Hon'ble AM	20	6	0	26

3.5 A. PRODUCTION AND SUPPLY OF TECHNOLOGICAL PRODUCTS

A. Seed production at seed village

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

B. Seed production at KVK farm

Type of seed produced	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Cereals		**155.18**	**7,28,970.00**	213	0	206	419
Madua	Ragi – 376	0.98	4,410.00				
Paddy	R. Sweta	130.50	5,98,950.00				
Wheat	HD – 2967	23.70	1,25,610.00				
Oil seed		**0.305**	**3,875.00**	23	0	1	24
Mustard	DRMR – 150-35	0.305	3,875.00				
Pulses		**12.31**	**1,50,320.00**	103	0	2	105
Lentil	IPL – 220	1.80	23,400.00				
Chick pea	Sabour Chana – 1	8.65	1,05,530.00				
	GNG – 2255	1.86	21,390.00				
Green Manure							
Commercial crop							
Vegetables							
Fodder							
Spices							
Fruits							
Forest crop							
Ornamental/flower							
Medicinal							
Grand Total		**335.59**	**17,66,330.00**	**339**	**0**	**209**	**548**

C. Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower							
Cabbage							
Tomato							

Brinjal							
Chilli							
Onion							
Others (Cucurbits)	Hybrid	6078	13,660.00	91	0	102	193
Commercial seedlings							
Mulberry							
Sugarcane,							
Sweet Potato							
Turmeric							
Zinger							
Others							
Fruits seedlings							
Mango							
Guava							
Lime							
Papaya							
Banana							
Ornamental plants							
Marigold							
Annual chrysanthemum							
Tuberose							
Others							
Medicinal and Aromatic							
Plantation							
Tuber Elephant yams							
Spices							
Grand Total							

D. Forest species

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

E. Fodder crops saplings

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

F. Production of Bio-Products

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

G. Production of livestock & fisheries materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows							
Buffaloes							
Calves	Sahiwal cross	1	3500.00	1	0	0	1
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat	Black Bengal	3	5880.00	3	0	0	3
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							
Exotic carp							
Mixed carp							
Fish fingerlings							
Spawn							
Others (Pl. specify)							
Grand Total							

H. SOIL & WATER TESTING

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

Sl. No	Name of the Equipment	Qty.
01	Pusa STFR	02 set

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
135	-	135

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	135	05	135	29700.00
2.	Water				
3.	Plant				
4.	Fertilizers				
5.	Manures				
6.	Food				
7.	Others (if any)				

d. Details of World Soil Day Celebration

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

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

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

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				
2020				
2021				
2022				
2024				
2024				

4. Infrastructure Development

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

3.6 HUMAN RESOUSES DEVELOPMENT, PUBLICATIONS, AWARDS & RECOGNITION

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

S.No	Item	Details of publication bibliographic form (Authors name, year, title, volume, issue, page no, journal name)	NASS Rating	
			>6	<6
1	Research paper	Ashok Kumar & Maya Kumari, 2024, Assessing the influence of Cluster frontline demonstration on mustard, Vol.24, Special issue (GABELS),2024, pp-16-20, Plant Archives.		5.59

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			
	Kitchen waste ka upyog karke carbonic urvarak banane ka mahatav, Dr. Monika Patel, Dr. Farhana Khatoon, Er. Manoj Kr. Roy, Krishak Sandesh, Page No. – 44-45	1050	1050
	Santulit aahaar swastha jivan ka aadhar, Dr. Monika Patel, Pg. 216-222, Agri Articles (ISSN 2582-9882)	1050	1050
Success story published	Mushroom utpadan udyam bana adhik laabhkari, Dr. Ashok Kumar, Er. Manoj Kumar, Kaushal Vikas Prashikshan: Sankalp se samridhi ka aadhar, BAU Sabour Bhagalpur, ISBN-978-81-974631-5-0, PP-94-95	500	500
	Mushroom vyawsay se mili nai pehchan, Dr. Ashok Kumar, Er. Manoj Kumar, Kaushal Vikas Prashikshan: Sankalp se samridhi ka aadhar, BAU Sabour Bhagalpur, ISBN-978-81-974631-5-0, PP-96-97	500	500
	Mushroom utpadan se badalti Rajdev ki takdeer, Dr. Ashok Kumar, Er. Manoj Kumar, Dr. Anil Kumar Ravi, Kaushal Vikas Prashikshan: Sankalp se samridhi ka aadhar, BAU Sabour Bhagalpur, ISBN-978-81-974631-5-0, PP-98-99	500	500
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			
	Shushk chetron me bel ki safal bagwani, Dr. Farhana Khatoon, et al	2000	2000
	Naye bagon ki asthapana ke liye apnaye vaigyanik taknik, Dr. Farhana Khatoon, et al	2000	2000
	Kitnashkon ke dushprabhav evam prayog mein savdhaniyan, Dr. Ashok Kumar, et al	2000	2000
	Kharif faslon mein kharpatwar niyantran, Dr. Ashok Kumar, et al	2000	2000
	Prakritik kheti, Dr. Ashok Kumar, et al	2000	2000
	Pashuon ki kharidari kaise karen, Dr. Anil Kumar Ravi, et al	2000	2000
	Barsat mein pashuon ka prabandhan, Dr. Anil Kumar Ravi, et al	2000	2000
	Galaghotu aur black quarter prabandhan, Dr. Anil Kumar Ravi, et al	2000	2000
	Poshan Vatika, Dr. Monika Patel, et al	2000	2000
	Nayen bagon ki asthapna ke liye apnayen vaigyanik taknik, Dr. Farhana Khatoon, et al	2000	2000
Technical reports	Annual Action Plan 2024		
	Annual Report 2023		
	25th Extension Education Council		
	26th Extension Education Council		
	16th SAC meeting Report		
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. Ashok Kumar	SMS (Extension Education)	Approaches of successful Entrepreneurship in Agriculture, Sericulture, Fisheries, Animal husbandry & Allied sectors	1-21 Jan 24	21	Central Tasar Research & Training institute, CSB, Ranchi (Online)
2.	Dr. Santosh Kumar	SMS (Soil Science)	Stakeholder Meeting and Training on Climate Smart Agriculture (Under Climate Resilient Agriculture Program of BAU, Sabour)	13-15 March, 24	2	IRRI, Varanasi
3.	Dr. Santosh Kumar	SMS (Soil Science)	Orientation Programme for newly recruited SMS of KVK's	18-22 March, 24	4	BAU, Sabour
4.	Dr. Farhana Khatoon	SMS (Horticulture)	Natural farming	11-15 March, 24	5	MANAGE, Hyderabad
5.	Dr. Farhana Khatoon	SMS (Horticulture)	Orientation Programme for newly recruited SMS of KVK's	18-22 March, 24	4	BAU, Sabour
6.	Dr. Monika Patel	SMS (Home Sci.)	Orientation Programme for newly recruited SMS of KVK's	18-22 March, 24	4	BAU, Sabour
7.	Dr. Monika Patel	SMS (Home Sci.)	Review Meeting on Eradication of Malnutrition Programme	8-9 April2024	2	BAU, Sabour
8.	Dr. Farhana Khatoon	SMS (Horticulture)	Review Meeting on Malnutrition Eradication Programme	8-9 April2024	2	BAU, Sabour
9.	Dr. Anil Kumar Ravi	SMS (Animal Science)	Recent advances in livestock, Poultry & fisheries	9-10 April 2024	2	BASU, Patna
10.	Dr. Santosh Kumar	SMS (Soil Science)	Review Meeting on CRA and Natural Farming	12-13 April 2024	2	BAU, Sabour
11.	Dr. Santosh Kumar	SMS (Soil Science)	OFT Finalization workshop of Agronomy and Soil Science	28-29 May 2024	2	BAU, Sabour
12.	Dr. Monika Patel	SMS (Home Sci.)	Empowering communities through millet processing	25-27 June 2024	3	FICSI and NIT Rourkela
13.	Dr. Santosh Kumar	SMS (Soil Science)	EIA	14 June 2024	1	IARI Varanasi
14.	Dr. Anil Kumar Ravi	SMS (Animal Science)	Workshop	27-28 June 2024	2	ATARI, Patna
15.	Dr. Farhana Khatoon	SMS (Horticulture)	Horticulture	06-07 June 2024	2	ATARI, Patna
16.	Dr. Monika Patel	SMS (Home Sci.)	Action plan workshop for Home Science and Agriculture Extension	23-24 July, 2024	2	ATARI, Patna
17.	Dr. Santosh Kumar	SMS (Soil Science)	Solar powered irrigation system	9-11 Sep, 24	3	BISA, Jabalpur
18.	Dr. Anil Kumar Ravi	SMS (Animal Science)	Workshop (CRS)	04-05 Dec., 2024	2	Smart
19.	Dr. Farhana Khatoon	SMS (Horticulture)	IMD stakeholder meet	18 Dec. 2024	1	IMD, Patna

E. Awards/Recognition

Institutional Award received by KVK

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

Award received by KVK Scientists

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

Award received by Farmers

Sl.	Name of KVK	Name of the Farmer	Name of the Award	Address	Contact No.	Value (In Amount/ kind)	Achievement	Conferring Authority
1.	KVK, Manpur, Gaya	Sanjeeta Sinha	Best farmer award	Jagdishpur, Khizersarai, Gaya	6200921968			BAU, Sabour

3.7. TECHNOLOGY DEVLOPMENT

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

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

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

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

Give details of by the farmer (if Any)

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

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	PRA	To know the available resources and area of interest for training & demonstration
2	Barcode based Form using Survey Heart App	To identify people needed training with area of interest

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)
Mushroom production	Farmer/farm women especially rural youths motivated to adopt mushroom production technology through training and FLD by the KVK	244	377	12.3	Beneficiaries were given vocational/skill-oriented training on different species of mushroom but started button mushroom on large scale due to its demand in the market especially local market. Also started value added products like mushroom powder.	Per day production of button mushroom estimated to be 105 kg selling @ Rs. 200 / kg. Hence earning Rs. 21000/day.	125	205

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

B. Details of entrepreneurship/startup developed by KVK

Name of the entrepreneur/ Name of the enterprise/firm	NASP Farmer Producer Company Limited
Registered address of the entrepreneur/firm	Bishunpur, Wazirganj, Gaya – 805131
Year of establishment	2023
Type of Enterprise	Farmer Producer Organisation
Registration details	CIN : **U01611BR2023PTC066322**
No of members associated	Approx : 12000
Technical components of the enterprise (with commodity)	The **technical backbone** of NASP Farmer Producer Company Limited ensures **efficiency, quality, and sustainability** from **production to consumer delivery**. With **modern farming techniques, digital solutions, and strong market linkages**, it strengthens **farmers' profitability & consumers' trust**.
Annual Income/revenue of the enterprise	Approx 1.1 Cr.
Role of KVK/Technology backstopping (quantitative data support)	The **Krishi Vigyan Kendra (KVK)** plays a crucial role in **technology transfer, capacity building, and providing quantitative data support** to NASP Farmer Producer Company Limited. The **Technology Backstopping** ensures scientific advancements are effectively implemented at the farmer level, improving productivity, profitability, and sustainability.
Period/Timeline of the entrepreneurship development	Continue…..

Economic and Social status of entrepreneur before and after the enterprise	Before the farmer members were disorganized low net profile of Rs. 5000-8000 /month due to high cost of inputs and selling their produce at low price and lack of technical know-how. The rural youths forced to migrate to other cities for livelihood. After joining as member of NASP FPC, their income drastically raised to two-fold i.e., Rs. 10,000-15,000/month. As a result of increased income and easier loan/credit access, farmers were able to take their own decision collectively to fix price of their produce, increase participation of women in agriculture and reduction in migration of rural youth due to local employment opportunities in agri business.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	As a member of firm, the working was collective and in organised way. This lead to stable market stability. The regular, timely and cost-effective supply of inputs motivated farmer to increase their production ultimately leading to increase their net income.
Major achievements	Member farmers motivated by increased income due to no middle man, availability of required input easily and of reasonable rate, assured and regular market facility, technical know-how by the KVK. This lead to establish a strong local, retail and institutional linkage. Strengthened orders on social media which provided opportunity for e-commerce expansion.
Major constrains	◆ **Raw Material Issues** – Seasonal fluctuations & lack of storage lead to supply instability. ◆ **Marketing Challenges** – Low brand awareness, weak digital presence, and limited retail tie-ups. ◆ **Logistics & Distribution** – Inadequate cold storage, transportation delays, and rural market access issues. ◆ **Labor & Skill Gap** – Shortage of trained workforce & high dependence on manual labor.
Images/Imp Documents	

C. Success stories/Case studies, if any

Success story 1: – Piyush Raj

1. Personal information

1.	Name of the farmer/ entrepreneur	Piyush Raj
2.	Date of Birth	16-01-1999
3.	Education	Intermediate
4.	Farming Experience/ Experience in enterprise	7 Years
5.	Cell no./ e-mail	8409992659
6.	Full address	Vill. – Meyari, P.O.- Tarwan, Dist.- Gaya - 805128
7.	Professional membership (Farmer club/SHG/ATMA/etc.)	
8.	Major achievement of the farmers	Enterprise development in mushroom production
9.	Awards received	

2. Professional Information

1.	Title of the success story/case study	From Zero to hero: Journey of mushroom entrepreneur
2.	Situation analysis/Problem statement (What prompted this initiative? What was the problem that needed to be addressed?)	Poor economic condition of family with only agriculture as the main source of the family in from 0.8 ha of land, 2 cows. Completed him to say good bye to study and engaged himself to earn money in order to meet out basic need of the family. He was thinking of doing some which has least effect of changing agro-climatic condition on it. He also analyzed that mushroom production is a remunerative enterprise and demand is increasing day by day.
3.	Plan, Implement and Support/KVK Intervention(s): (Describe what systems of extension have done to address the challenge. What technology/ technical knowledge being used? How were different agencies engaged in or consulted in the extension process? - Who, What, How)	One day as he visited KVK, Manpur Gaya asking for Mushroom training. In the year 2018 he got training and completed one month skill-oriented training of Mushroom Grower under BSDM from KVK, Manpur and started mushroom production on large scale. Further inspired by getting income as expected, got exposure from DMR, Solan, HP, especially in value added product of mushroom.
4.	Details of Practices followed by the farmer	He is engaged in producing button & oyster mushroom and also selling mushroom powder, dry mushroom. In the year 2023-24 he produced 414.28 tons of mushroom, 583.32 tons of mushroom compost and sold 10,000 Grow your own mushroom kits.
5.	Results/ Output (economical/ social/ etc.) (Key results/ Insight/ Interesting fact- initial, intermediate, or long-term outcome)	His income multiplied manyfold and able to meet all the requirements of his family.
6.	Impact/ Outcome: (Determine the HIGHEST level of impact the program had on individuals, families, groups and/or society- Provide a short summary of the actual change (on knowledge, attitude, skills, practice, or policy) that took place. Provide quantitative measures, where possible and use simple graphs or tables to illustrate a point.) *(50–100 words)*	After getting training from KVK and DMR Solan HP, he started button mushroom production with 700 kits in house. In 2020, established 3 hatch house of size 30460 sq. ft. and produced mushroom which was sold in local markets. Economic assistance by PNB of Rs. 16.15 lakh, Udyog Vibhag of Rs. 10.0 lakh and BAU, Sabour (SABAGRI, AOP programme) of Rs. 5.0 lakh, he started producing on large scale and supplied his produce within and outside district and established Swadesh Agro Solution Pvt. Ltd.
7.	Future plans	Now he is planning to establish himself in value added products like dry powder mushroom, and cookies.
8.	Supporting Images	  SABOUR AGRI INCUBATORS Directorate of Research Bihar Agricultural University, Sabour, Bhagalpur, Bihar - 813210 Certificate

3. Economic Information

Enterprise	Gross Income (annual)	Net income	Cost-Benefit ratio
Mushroom production, Mushroom compost & Grow your own Mushroom kit	1,01,40,000	11,70,000	1.13

5. LINKAGES

5.1. Functional linkage with different organizations

S. No.	Name of organization	Nature of linkage
1.	District Agriculture Officer, Gaya	Training to farmers & Extension functionaries
2.	Agricultural Technology Management Agency (ATMA), Gaya	Training, Field Day, Kisan Mela
3.	District Horticulture Office, Gaya	Training
4.	Bihar State Forest Development Corporation, Gaya	Training
5.	Sugarcane Development Department, Gaya/Patna	Training / Exhibition / Seminar
6.	District Soil Conservation Department, Gaya	Training
7.	National Fertilizer Limited, Gaya	Seminar, Field Day, Training
8.	Indian Farmers Fertilizer Co. (IFFCO) Gaya	Field day, Seminar, Training
9.	CWC, Patna	Training
10.	Micro-Mode Management Project Govt. of Bihar, (RAU, Pusa)	Field Demonstration
11.	National Horticulture Mission Govt. of Bihar (RAU, Pusa)	Model Horticultural Nursery
12.	Agricultural Research Institute Patna	Nursery Development of Medicinal & Aromatic Plants
13.	PRAN Gaya	Training, field day
14.	ICAR- Research complex for eastern region, Patna	Demonstration on LEWA irrigation system
15.	Paradeep Phosphates Limited, Gaya	Field day
16.	Bihar Agriculture Management & Extension Training Institute, Patna	Participation in meeting, Conducting Training Programme, joint implementation etc.
17.	NABARD	Training, Workshop, Kisan Club
18.	Jeevika, Gaya	Training, OFT, Field visit
19.	Agragami India, Gaya	Training, FLD, OFT

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

a) Programmes for infrastructure development

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

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

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

6. PERFORMANCE INDICATORS

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety /breed	Produce	Qty	Cost of inputs	Gross income	
1.	Goatry	2015	39	Black Bengal	Goat	3			
2.	Vermi-compost unit	2019	5.6						
3.	Azolla unit	2019	9.3						
4.	Biochar unit	2021	125		Biochar				
5.	IFS	2023	40	Sahiwal cross	Calf	1			
					Milk	2690 kg			
	Total								

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty. (q)	Cost of inputs	Gross income	
CRAP									
Mustard	15-11-23	30-03-24	0.10	DRMR-150-35	T/L	0.95	2000		Sold
Lentil	15-11-23	12-03-24	0.17	IPL – 220	T/L	2.06	2500		Sold
Chick pea	15-11-23	28-03-24	0.17	GNG – 2299	T/L	2.25	3400		Sold
Bajra	26-07-24	08-12-24	0.08	MPMH – 21	T/L	0.89	1200		Sold
Farm									
Chick pea	15-11-23	28-03-24	1.35	Sabour Chana-1	C/S	9.23	27000		
Wheat	12-12-23	22-04-24	2.40	HD – 2967	C/S	50.35	73200		
Paddy	28-07-24	15-11-24	3.50	R. Sweta	C/S	128.67	113750		In Godown
Ragi	10-08-24	24-11-24	0.50	RAU – 8	C/S	4.85	15000		

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

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

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

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

6.5. Performance of Automatic Weather Station in KVK

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

6.6. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
10-13 Jan	29	4	
30 Jan-02 Feb	28	4	
6-9 Feb	28	4	
15-18 Oct	18	4	
Total:	**103**	**16**	

(For whole of the year)

6.7 Utilization of staff quarters

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

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Saving (Main A/c)	Punjab National Bank	Dhamitola, Gaya	0179000100225627
Saving (R/F A/c)	Punjab National Bank	Dhamitola, Gaya	0179000100225636

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2024
	Kharif	Rabi	Kharif	Rabi	
Mustard		46,400.00		46,400.00	0.00

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	
Lentil				1,33,246.00	(-) 1,33,246.00

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	1,49,10,192.00	1,49,10,192.00	1,49,10,192.00
2	Traveling allowances	90,000.00	90,000.00	90,000.00
3	HRD	6,000.00	6,000.00	6,000.00
4	Maintenance of building	40,000.00	40,000.00	40,000.00
5	Additional General (1270)	1,50,000.00	1,50,000.00	1,50,000.00
6	Contingencies			
A	Stationary	4,24,000.00	4,24,000.00	4,24,000.00
B	POL			
C	Training	6,95,951.00	6,95,951.00	3,09,583.00
D	Training material			
E	FLD			1,18,960.00
F	OFT			66,164.00
G	Soil & water testing lab			
H	Extension activities, kisan mela			1,53,906.00
I	NARI			47,327.00
6	SCSP General	4,50,000.00	4,50,000.00	4,49,994.00
TOTAL (A)		**1,67,66,143.00**	**1,67,66,143.00**	**1,67,66,126.00**
B. Non-Recurring Contingencies				
1	SCSP Capital	1,20,000.00	1,20,000.00	1,20,000.00
2	IT	70,000.00	70,000.00	70,000.00
TOTAL (B)		**1,90,000.00**	**1,90,000.00**	**1,90,000.00**
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		**1,69,56,143.00**	**1,69,56,143.00**	**1,69,56,126.00**

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2021	22,91,388.85	13,68,168.00	6,93,863.00	29,65,686.85
2022	29,65,686.85	17,28,203.00	7,10,387.00	39,83,502.85
2023	39,83,502.85	11,60,347.00	8,35,722.00	43,08,127.85
2024	43,08,127.85	13,18,555.00	10,99,780.00	45,26,902.85

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
Kharif Maha Abhiyan	9	Kharif		Yes	
Rabi Maha Abhiyaan	8	Rabi		Yes	
Training Programme	3	Rabi	Sugarcane Deptt.		
Farmer-Scientist Interaction	4	Kharif/Rabi			Yes

7.8 Revenue generation

Sl. No.	Name of Head	Income (Rs.)	Sponsoring agency
1.	Training Hall and Kisan Hostel charge	61,760.00	SSB, Gaya
2.	Registration fee of RAWE students	1,50,000.00	Different Univ.
3.	Advertisement charge for CRS	24.000.00	HURL
4.	Kisan Hostel Charge	36,240.00	-

7.9 Resource Generation

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

8. **MISCELLANEOUS INFORMATION**

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)

8.2. Prevalent diseases in Livestock/Fishery

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

8.3. Nehru Yuva Kendra (NYK) Training

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

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

Date of	No. of Union Ministers attended the programme	No. of Hon' ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan	Coverage by other channels (Number)
				MLAs Attended the	Chairman ZilaPanch	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI	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.	14	9	1966	18

8.8. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK

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

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
12-02-2024	Dr. Anup Das	Director ICAR-RCER, Patna	
15-02-2024	Dr. Anjani Kumar	Director, ATARI, Patna	
27-09-2024	Sri Birendra Singh	MLA, Wazirganj	

8.10 Details of Scientific Advisory Committee (SAC) Meetings

Date	Number of Participants	Total statutory member present (State line dept.)	Salient Recommendations	Action taken	If not conducted, state reason
24.08.2023	**60**	**10**	**Salient Recommendations of 15th SAC meeting**		
			A training calendar for three months of Krishi Vigyan Kendra, Manpur, Gaya should be prepared and sent to all the members through email in which the date of sending should be mentioned. (Action: Senior Scientist and Head)	The monthly calendar of KVK, Manpur, Gaya is being sent to the members through e-mail.	
			The sewing machines distributed under the SC-SP Project and the income related to them should be assessed. (Action: Nodal Officer, SC-SP)	The impact of sewing machine distributed under SC-SP project has been accessed. 6 women who have been provided with sewing machine are earning on an average Rs. 15000/- /month while other women earn approx. Rs. 12000/- /month. Besides this some other women are also employed.	
			Under natural farming practices at the centre the effort on nutrients, organic carbon, Soil microbes etc. should be assessed. (Action: Nodal Officer, Natural Farming)	Soil sample have been tested in the year 2023-24.	
			Under coarse grains, farmers should be given training and demonstration on its processing and market information should be made available. Under the SC-SP project, a processing machine can be purchased from the Capital fund. (Action: Senior Scientist and Head/Nodal Officer, SCSP)	A millet thresher has been provided by ICRISAT which will be demonstrated in the next season. The farmers are being linked to the local buyer and buyer from Patna.	
			The message sent under DAMU should be sent to all Line Departments as well as to Jeevika and NABARD related FPO agencies. (Action: SMS(Agromet))	The FPO's supported by NABARD and JEEVIKA along with all line departments have been added in the WhatsApp group of DAMU.	
			Extension workers and youth associated with CHC run by Jeevika should be given training on calibration for sowing machines. (Action: Senior Scientist and Head)	The training on collaboration of Zero tillage machine has been provided to extension personal and custom hiring center operator of JEEVIKA.	
			Under RPL training, the VRP of JEEVIKA should be trained in the training of Extension Service Provider (MSP). (Action: ToT and Dr. Ved Prakash)	Under RPL training of Agriculture Extension Service Provider the VRP of JEEVIKA were included.	
			A copy of proceedings should be sent to all the members and its		

			letter no. and date should be mentioned. (Action: Senior Scientist and Head)		
			A copy of the report of the previous meeting should be sent along with the invitation letter to the honorable members invited to the next meeting of the Scientific Advisory Committee (SAC). (Action: Senior Scientist and Head)	The ATR of last SAC meeting has been sent to all members of SAC along with invitation letters.	
			A proposal for setting up a Mushroom Demonstration unit at the centre should be sent to the Director of Extension Education, BAU, Sabour. (Action: SMS (Extension Education))	A proposal to establish a mushroom production demonstration unit has been sent to DEE, BAU, Sabour.	
			Ten Demonstration Units should be developed at Krishi Vigyan Kendra, Manpur, Gaya (Action: Senior Scientist and Head)	A new demonstration unit, Hydroponic fodder production unit has been established at KVK.	
			In the training organized under Bihar Skill Development Mission, Bankers/Line Dept. / entrepreneur farmers should be included for imparting training as Expert so that Convergence can be established. (Action: ToT and Dr. Ved Prakash)	Under BSDM, the target was allocated for Agricultural Extension Service Provider job role of RPL, which was only of 8 days. If in future domain training will be organized the entrepreneur/Bankers will certainly be invited as expert.	
			Technical pamphlets should be prepared in bullet form in 1-2 pages. (Action: All Subject Matter Specialists)	Technical extension bulletins have been published by KVK.	
			Training on fisheries should be organized with the help of District Fisheries Officer. (Action: Subject Matter Specialist (Animal Science))	One training of 25 participants has been organized with the help of District Fisheries Officer.	
			Due to less rainfall in the last two years, a workshop of scientists/officials and progressive farmers should be organized by identifying the blocks which have less cover of Kharif paddy, in which better alternative crop plans for Kharif can be made. (Action: Project Director, Atma, Gaya)	The workshop could not be organized.	
07.09.2024	**52**	**6**	**Salient Recommendations of 16th SAC meeting**		

Salient Recommendations of 16th SAC meeting

1. The detailed information related to crops and geographical features of 15 blocks of KVK jurisdiction should be kept updated. *(Action: Senior Scientist and Head)*
2. The no. of farmers registered under Kisan Sarathi App should be increased. For this, JEEVIKA and ICDS should be contacted for farmers data.
3. In RPL training, one lecture of DDM NABARD/LDM should be included to establish convergence. (Action: Nodal Officer, Natural Farming)
4. A low cost mushroom demonstration unit made of thatched house/jugad should be established. (Action: Senior Scientist and Head/Nodal Officer, SCSP)

5. In the end of technical bulletin/pamphlet the kisan help line No.-18003456455/e-nirog app/BAU Agro. Doctor No.-7004528893 and CRS must be included.
6. Training on fisheries should be organized with the help of District Fisheries Officer. (Action: Senior Scientist and Head)
7. A green fodder production unit should be established at the centre.
8. Technology gap assessment in agriculture and allied subject should made by every SMS and it should be addressed by Training, FLD and OFT. (Action: Senior Scientist and Head)
9. A recipe contest on millet should be organized. (Action: Senior Scientist and Head)
10. In CRS, the recordings of innovative farmers should be broadcasted and it should be made more effective. (Action: SMS (Extension Education))
11. The capacity building programme for Kisan Salahkar should be organized before every season.

**Salient recommendations of SAC in bullet points*

Details of other meeting related to ATARI

Date	Type of Meeting	Agenda	Representative from ATARI

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

Type of attachment	No of student trained	No of days stayed
RAWE	**14**	**170**

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

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

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

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

11.2 Details of Tribal Sub Plan (TSP)

a. Achievements of physical output under TSP

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

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

c. Achievements of physical outcome under TSP during 2024

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	
2	Change in family consumption level	%	
3	Change in availability of agricultural 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	31	264
b.	Women	31	451
c.	Rural Youths	2	61
d.	Extension Personnel	0	0
2)	OFT	No. of OFTs	No. of beneficiaries
		0	0
3)	FLD	No. of FLDs	No. of beneficiaries
		16	635
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		14	8138
5)	Other activities		
a.	Participants in extension activities (No.)	4980	
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.)	85	

Frontline Demonstrations:

Crop	Name of the technology demonstrated	Area (ha)	No. of Farmers		
			M	F	T
Paddy	R. Sweta	34	54	31	85
Ragi	Ragi – 376	3.6	53	19	72
Bitter Gourd (SCSP)	Hybrid Variety	0.12	36	1	37
Brinjal (SCSP)	Hybrid Variety	0.72	36	1	37
Chilli (SCSP)	Hybrid Variety	0.24	7	0	7
Bottle gourd (SCSP)	Hybrid Variety	0.09	7	0	7
Radish	Hybrid Variety	1.8	57	4	61
Backyard poultry	Vanraja	500 Nos.	0	50	50
Mineral mixture	Chelated mineral mixture	235 kg	16	31	47
Backyard Poultry	Vanraja	500 Nos.	0	50	50
Lentil	DRMR 150-35	3.5	5	13	18
Lentil	IPL – 220	5	5	13	18
Wheat	HD – 2967	11	6	26	32
Chickpea	Sabour Chana – 1	8	18	33	51
Mustard	DRMR – 150-35	6	10	13	23
Mushroom	Button mushroom	400	15	25	40

11.4. NICRA (Technology Demonstration component)

Overall achievements

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

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)

Performances of demonstration of in-situ moisture conservation technologies

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

Performances of water harvesting and recycling for supplemental irrigation

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

Performance of ZTD in various crops

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

						Gross Cost	Net Return	BCR

Performance of artificial ground water recharge technologies demonstrated

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

Performance of different water saving irrigation methods

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

Rainwater harvesting structures developed

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

Performance of different drought tolerant varieties

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

Performance of advancement of planting dates in different crops

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

Performances of water saving technologies for rice cultivation

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

Integration of cropping system with other farming

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

Performance of Community nurseries

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

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

Performance of different location specific intercropping systems

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

Performance of different crop diversification in NICRA villages

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

Performance of other demonstration

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

Performance of different fodder demonstration in community lands

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

Performance of improved fodder

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

Performance of various vaccination camps organized

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

For Goat/ sheep/ pig

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

For poultry

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

Performance of fish in the ponds/ water bodies

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

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

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

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

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

					animal)	Cost	Return	

Performance of livestock demonstration in NICRA adopted villages (poultry)

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

Performance of improved shelters for poultry and dairy animals

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

INSTITUTIONAL INTERVENTION

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

Revenue generated through Custom Hiring Centres and VCRMC in KVKs

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

Extension Activities

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

Soil Health Card prepared and distributed

KVK	No. of soil samples collected	No. of samples 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

Newspaper Coverage

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

Success Stories (1-2 nos.)

Name of PI & Co-PI List

Name of KVK	Name of PI	Name Of Co PI

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

S. No.	Title of the training course	Period of Training program	Duration	Participant No.		Category			
				Male	Female	General	OBC	ST	SC

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

S. No.	Title of the training course	Period of Training program	Duration	Participant No.		Category			
				Male	Female	General	OBC	ST	SC

Table: Custom Hiring of Farm-Implement

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

Table: Village wise VCRMC

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

Attachments: Good quality Photograph

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

Name of State	Name of district	No. of blocks allocated	No. of FPOs registered as CBBO	Average no of members per FPO	No. of FPO received Management cost	No. of FPO received Equity Grant	Tech. backstopping provided to no. of FPOs	No. of training programme organized for FPOs for Technology backstopping as CBBO	Training received by FPO members (Y/N) If yes then major area of training	Assistance to no. of FPOs in economic activities	Is Business plan prepared for FPOs as CBBOs	Is Business plan prepared for FPOs as without CBBOs	No. Of FPOs doing business

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

S. N.	Name of the FPO	Address of FPO	Registration No and Date	Proposed Activity	Commodity Identified	Total No. of BOM Members	Total no of farmers attached	Financial position (Rupees in lakh)	Success indicator
1	ATRI FARMER PRODUCER ORGANISATION SELF-SUPPORTING CO-OPERATIVE SOCIETY Ltd		BR020101W0G06 2023 Dtd.- 04-05-2023	Production and marketing	Pulses, Mustard, Paddy & Wheat		300	11.64942	
2	BELAGANJ WOMAN FPO SELF-SUPPORTING CO-OPERATIVE SOCIETY Ltd		BR020101W0G05 2023 Dtd.- 04-05-2023	Production and marketing	Pulses, Mustard, Paddy & Wheat		300	6.56900	

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		
Bio-fortified Crops		
Value addition (in no. of Unit or no. of Enterprise)		
Other Enterprises (in no. of Unit or no. of Enterprise)		

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

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

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

Name of Nutri-Smart Village	Season	Activity (OFT/FLD)	Category of crop (cereal/ pulses/oilseed/ fruits & veg./ others	Name of Crop	Variety	Area (ha)	No. of benefi-ciaries

e. Details of Value addition in Nutri-Smart village

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

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

11.8 Out-scaling of Natural Farming Format

Geographical information

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

Physical information

Name of KVK	**Name of activity**	**No of activities organized**	**No of participants**	**Participants (Male)**						**Participants (Female)**					
				GEN	OBC	SC	ST	Others	**Total**	GEN	OBC	SC	ST	Others	**Total**
	Training														
	Awareness														
	Demonstration														
	Other activities														

Training information

Tittle of Natural Farming training Programme	**Date of Training**	**Venue of programme**	**Participants (Male)**						**Participants (Female)**							**Remarks/ Observation/Feedback Recorded**
			GEN	OBC	SC	ST	Others	Total	GEN	OBC	SC	ST	Others	Total	**GT**	

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**	

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)

Demonstration Information

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

Name of 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
							Plant height (cm)		
							Other relevant parameter		
							Yield (q/ha)		
							Cost of cultivation (Rs/ha)		

							Gross Return (Rs/ha)		
							Net Return (Rs/ha)		
							B:C Ratio		
							Soil PH		
							Soil OC (%)		
							Soil EC (dS/m)		
							Available N (Kg/ha)		
							Available P (Kg/ha)		
							Available K (Kg/ha)		
							Soil Microbes (cfu)		
							Any other, specify		
Feedback of farmer									

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
											Plant height (cm)		
											Other relevant parameter		
											Yield (q/ha)		
											Cost of cultivation (Rs/ha)		
											Gross Return (Rs/ha)		

											Net Return (Rs/ha)		
											B:C Ratio		
											Soil PH		
											Soil OC (%)		
											Soil EC (dS/m)		
											Available N (Kg/ha)		
											Available P (Kg/ha)		
											Available K (Kg/ha)		
											Soil Microbes (cfu)		
											Any other, specify		
Feedback of farmer:													

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)

Soil Parameter for Non-Demo plot at KVK Farm

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

Soil Parameter for Demo plot at Farmer's Field

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

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

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

Financial information

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

Glimpses of various Activities (Good Quality Action Photographs)				
Name of activity	1	2	2	4
Training programmes				
Awareness programmes				

Demonstrations (KVK/Farmer filed)				
Any other activities				

11.7 CRA (Climate Resilient Agriculture)

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

11.8 District Agro Meteorological Unit (DAMU)

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

11.9 KSHAMTA

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

11.10 Agri-Drone

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

Details of Demonstrations under Agri-drone Project

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

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

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

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

12. OTHER INDFROMATION

12.1 Integrated Farming System (IFS)

a. Details of KVK Demo. Unit

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

b. Activities under IFS

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.								
2.								

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

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

12.3 . PPV & FRA Programme

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

Details of plant varieties registered

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

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

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
01-10-2024	1	8	0	0	8
02-10-2024	1	12	0	0	12

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

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
15-09-2024	Swachhta Pledge	10	0	0	10
17-09-2024	Cleaning of Administrative building & office premises	11	0	0	11
18-09-2024	Competition in School, Cleanliness of School premises & Swachhta pledge in School	6	0	77	83
19-09-2024	Cleaning of street	8	0	5	13
20-09-2024	Cleanliness drive at village Mastalipur, Manpur	3	27	0	30
21-09-2024	Awareness Programme on Swacchta Hi Sewa in school	8	0	68	76
23-09-2024	Swachhta Prog. in Govt School	5	0	34	39
24-09-2024	Cleaning of road side of Demo unit	8	30	4	42
25-09-2024	Cleanliness drive in Visunpur village	3	23	7	33
26-09-2024	Krishak Swarn Samridhhi week cum swachhata awareness campaign at goatry farm	6	30	7	43
27-09-2024	Swachhta Abhiyan at KVK campus	6	0	7	13
30-09-2024	Cleaning of KVK Farm	2	4	7	13
01-10-2024	Swachhta Abhiyaan (Kurmutthu)	2	8	0	10

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

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

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12.5 Action photographs

First Episode of Krishi Choupal

Release of 17th Instalment under PM Kisan

Release of 109 ICAR varieties by Hon. PM

Live telecast Programme of Hon'ble Agri. Min.

Visit of Director, ATARI, Zone - IV

Visit of DEE, BAU, Sabour

Hon'ble DDG at Workshop in Bodhgaya

Visit of ADEE, BAU, Sabour

Visit of MLA, Sri Birendra Singh

World Environment Day

Sponsored Programme

SAC Meeting

RPL Training

International Women's Day

Ek Ped Maa Ke Naam

RY Training on Tailoring

FLD on Ragi

OFT on Varietal Evaluation of Ragi

FLD on Drone

FLD on Horticulture Crop

RY Training on Tailoring

EF Training on Zero Tillage ka Calibration

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