KRISHI VIGYAN KENDRA

KISHANGANJ (BIHAR)

ANNUAL REPORT

(January to December 2023)

Submitted to

ICAR-ATARI, Patna, (Zone-IV)

BIHAR AGRICULTURAL UNIVERSITY

SABOUR, BHAGALPUR

1. GENERAL INFORMATION ABOUT THE KVK

Krishi Vigyan Kendra, Kishanganj is an innovative center of Indian Council of Agricultural Research (ICAR), Pusa, New Delhi sanctioned vides F. No. 61 /2004-AE-1dated 05.04.2006 under the administrative control of Bihar Agricultural University, Sabour, Bhagalpur Bihar. This KVK was initially established in Thakurganj in March, 2006 in Kishanganj district of Bihar and then shifted to SMF, Kishanganj. It is a unique scheme of ICAR oriented to serve the farmers by being the fountain head of agricultural technologies at the district level. KVKs are the agricultural knowledge centers for farmers, farmwomen, rural youth and extension functionaries. The centre has the mandated activities of conducting on farm testing/trials (OFTs) with emerging advances in agricultural research for assessing, refining and demonstration of recently released technology to develop location specific sustainable production system. The organization is dedicating for organizes vocational training in agriculture and allied fields for practicing farmers, farm women and rural youth. The Kishanganj district is quite suitable for cultivation of Jute, Makhana, Pineapple, Banana, Potato, Maize, Rice and Wheat, pulses, oilseeds and vegetables crops in different seasons of the year. The productivity enhancement of the field, fiber, horticultural crops and livestock with the concept of integrated farming system module is the major area of thrust for development of agriculture in the district.

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 HawaiAdda Road, Near BSF Head Quarter, Khagra, Kishanganj,Bihar PIN – 855 107	06456-291272	--	kishanganjkvk@gmail.com

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

Name and address of Host Organization	Telephone		E mail
	Office	FAX	
Bihar Agricultural University Sabour, Bhagalpur-813210	0641-2452611	0641-2452611	deebausabour@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Rajeev Singh	KrishiVigyan Kendra, HawaiAdda Road, Khagra, Kishanganj, 855107	9431204379	kishanganjkvk@gmail.com

1.4. Year of sanction of KVK with council order No. and date: **F. No. 6-1 /2004-AE-1 dt. 05.04.2006**

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

1.5. Staff Position (**as on 31st December 2023**)

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	Dr. Rajeev Singh	Senior Scientist & Head	Agronomy	Level 13(A) Basic- 1,39,400/-	05/07/2019	Permanent	Gen
2.	Subject Matter Specialist	Dr. Niraj Prakash	Subject Matter Specialist	Plant Protection	Level 10 Basic- 67,000/-	07/10/2014	Permanent	OBC
3.	Subject Matter Specialist	Dr. Manju Kumari	Subject Matter Specialist	Horticulture	Level 10 Basic-67,000/-	10/11/2023	Permanent	SC
4.	Subject Matter Specialist	**Vacant**	Subject Matter Specialist	Soil Science	-	-	-	-
5.	Subject Matter Specialist	**Vacant**	Subject Matter Specialist	Animal Science	-	-	-	-
6.	Subject Matter Specialist	**Vacant**	Subject Matter Specialist	Agronomy	-	-	-	-
7.	Subject Matter Specialist	**Vacant**	Subject Matter Specialist	Home Science	-	-	-	-
8.	Programme Assistant	**Vacant**	PA(Lab Technician)	Lab Technician	-	-	-	-
9.	Computer Programmer	Sri. Rajesh Lal	PA(Computer)	Computer	Level 06 Basic-44,900/-	24/05/2013	Permanent	Gen
10.	Farm Manager	Smt. Sunita Kumari	Farm Manager	Agriculture	Level 06 Basic-44,900/-	01/03/2013	Permanent	OBC
11.	Accountant / Superintendent	Vacant	Assistant	Account				
12.	Stenographer	Sri Rakesh Mandal	Stenographer	Office	Level 04 Basic-32,300	19/06/2013	Permanent	OBC
13.	Driver	Sri Niraj Kumar Singh	Driver	Vehicle	Level 03 Basic-26,800/-	20/05/2015	Permanent	Other
14.	Driver	**Vacant**	Driver	Vehicle	-	-	-	-
15.	Supporting staff	**Vacant**	Supporting Staff	-	-	-	-	-
16.	Supporting staff	**Vacant**	Supporting Staff	-	-	-	-	-

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)	Name of infrastructure
1	Under Buildings	1.5	Administrative Building, Farmers Hostel, Staff Quarters, Threshing floor, Farm godown
2.	Under Demonstration Units	0.5	
3.	Under Crops	5.0	
4.	Orchard	1.0	
5.	Agro-forestry	-	
6.	Others with details	2.0	NHM, GoB
	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)	Under use or not*	Source of funding
1.	Administrative Building					Completed	550	Use	ICAR
2.	Farmers Hostel					Completed	350	Use	ICAR
3.	Staff Quarters (6)					PC Quarter	87	Use	ICAR
						FM Quarter	87	Use	ICAR
						TA Quarter 2 Unit	128	Use	ICAR
		Supporting Staff 2 unit							
4.	Piggery unit	--							
5	Fencing	--							
6	Rain Water harvesting structure	--							
7	Threshing floor					Yes	186	Use	ICAR
8	Farm godown	--				Yes		Use	ICAR
9.	Dairy unit	--							
10.	Poultry unit	--							
11.	Goatry unit	--							
12.	Mushroom Lab	--							

13.	Mushroom production unit	--							
14.	Shade house								
15.	Soil test Lab	--							
16	Others, Please Specify					Yes		Use	NHM,GOB

* 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 with Tailor BR37A/4475	2004-05	334500/-	3291 hrs	Repairable
Motor Cycle BR 37 J 9891	2015-16	60,000/-	11211 km	Good
Motor Cycle BR 37 J 9892	2015-16	60,000/-	10303 km	Good
Bolero BR 37 P 3460	2019-20	8,02,237/-	64793 km	Good
Tractor with Tailor(BR 37GA 6065)	2021	945221/-	811 hrs	Good

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Shaker	2015 – 16	-	Working	-
Meter	2015 – 16	-	Working	-
Hot Plate	2015 – 16	-	Working	-
Solar Plate with controller & Cable	2015 – 16	-	Working	-
GPS	2015 – 16	-	Working	-
Lactometer	2015 – 16	304/-	Working	-
Digital electronic balance	2015 – 16	7000/-	Working	-
Medical Microscope	2015 – 16	7500/-	Working	-
Slim Plain Pic	2015 – 16	168/-	Working	-
Colin Glass 18 X 18mm	2015 – 16	60/-	Working	-
Wet & Dry Thermameter	2015 – 16	2160/-	Working	-
ThermoHyqometer digital	2015 – 16	720/-	Working	-
P.H. Meter	2018 – 19	6726/-	Working	BSDM
Weighing Balance 0.5 GSM	2018 – 19	4602/-	Working	BSDM

Conductivity Meter	2018 – 19	6608/-	Working	BSDM
Microprocessor based Spectrophotometer	2018 – 19	124490/-	Working	BSDM
Video Conferencing Hall				
HDX8000 HD	2014 – 15	Rs. 222823 VAT 5% Extra	Working	-
MP2 Camera	2014 – 15		Working	-
Mic	2014 – 15		Working	-
47' Panasonic LED	2014 – 15	Rs. 69565 + 13.5% VAT Extra	Working	-
Dell Monitor	2014 – 15	62839 + 5% VAT Extra	Working	-
DELL CPU	2014 – 15	132292 +5% VAT Extra	Working	-
Switch	2014 – 15	3194 +5% VAT Extra	Working	-
Wall Monted Rack	2014 – 15	4259 +13.5% VAT Extra	Working	-
Puch Code Digilik STD	2014 – 15	Rs. 426 +5% VAT Extra	Working	-
Patch Cord	2014 – 15	Rs. 213 + 5% VAT Extra	Working	-
AC	2014 – 15		Working	-
Router	2014 – 15	Rs. 22134/-	Working	-
Amron Quanta 12 v 65 Ah Battery 14 pc	2019-20	Rs 66913 +28% GST	Working	-
5 KV UPS	2021	49501/- with GST	working	-
12 v 26 AH Exide Battery	2021	39782/- with GST	14 pc working	
b. Farm machinery				
Diesel engine Pump set (4.5 H.P.) with all accessories	2008-09	19900/-	Not working	ICAR
Pump Set Electrical (2HP)	2014-15	12455/-	Working	RF
Pump Set Electrical (2HP)	2017 – 18	14495/-	Working	RF
Pump Set Electrical (1HP)	2019-20	3850/-	Working	RF
c. AV Aids				
Computer with accessories	2005-06	Supplied by university	Working	ICAR
Handy Camera	2009-10	16725/-	Working	ICAR
Digital Camera	2009-10	7450/-	Working	ICAR
Camera Nikon	2012-13	28450/-	Working	ICAR
LCD Projector Dell	2012-13	28280/-	Working	ICAR
Dell Laptop	2012-13	43100/-	Non-working	ICAR
Generator	2010-11	-	Working	ICAR
Printer 1536	2013 – 14	-	Working	24900
Printer Konica Minolta Biz Hub	2013 – 14	-	Working	
UPS 10KVA, Luminous	2015 – 16	-	Working	4000/-
Xerox Photocopier cum printer	2016 – 17	-	Working	99485/-
External Hard Disc Lenovo Portable head	2016 – 17	-	Working	RKVY
Dell Laptop	2016 – 17	-	Working	RKVY

Dell Desktop	2016 – 17	-	Working	RKVY
Inverter System	2016 – 17	-	Working	RKVY
Panasonic LED TV	2016 – 17	-	Working	RKVY
Sony Projector	2016 – 17	-	Working	RKVY
Aahuja Amplifier	2016 – 17	-	Working	RKVY
Aahuja Sound System	2016 – 17	-	Working	RKVY
CCTV Camera	2016 – 17	-	Working	RKVY
Handy Camera (Sony)	2016 – 17	-	Working	RKVY
Camera Canon	2016 – 17	-	Working	RKVY
Microtek UPS 16DUFUHD169470	2016 – 17	4100/-	Working	
Desktop Lenovo with 21.5 Monitor & USP Intex	2017 – 18	50,000/-	Working	BSDM
Desktop Lenovo with 21.5 Monitor & USP Intex	2017 – 18	50,000/-	Working	BSDM
P. Amplifier 12 DP	2018 – 19	10800/- Including 9%GST	Working	ICAR
Printer Canon LaserJet	2018 – 19	16000/- Including GST	Working	BSDM
Desktop Lenovo	2018 – 19	49500/- Including GST	Working	BSDM
Laptop Dell INS. 3576/821	2018 – 19	48800 with GST	Working	BSDM
Laptop HP	2021	60,000/- with GST	Working	DAMU
Epson Projector	2021	95550/- with GST	Working	RKVY
Desktop Lenovo	2021	38800/- Including GST	Working	ICAR
Ahuja WL PA AWM 700	2021	5782/ with GST	Working	ICAR
Logitech Web Camera	2021	10700/ with GST	1 pc working	RKVY
CCTV (8 chanal)	2021	16271/- with GST	08 pc	ICAR
Printer Cannon	2021	5600/-with GST	01 pc working	DAMU
Others Equipments				
Ahuja Megaphone	2015 – 16	3178/-	Working	ICAR
Water Cooler Voltas 40/80 +Water purifier Euro Aqua	2016 – 17		Working	RKVY
Usha Cooler	2016 – 17	10305/-	Working	ICAR
Vacuum Cleaner Eureka Forber trendy	2016 – 17	9950/-	Working	ICAR
Biometric Machine with steel kit	2016 – 17	30093/-	Working	ICAR
Ceiling Fan	2018 – 19	-	10 Pc Working	BAU, Sabour
Exhaust Fan	2018 – 19	-	16 Pc Working	BAU, Sabour
Nilkamal Table 3+1 Drawer	2018 – 19	46500/- Including GST	3 Pc Working	ICAR
Nilkamal Executive Table	2018 – 19	24990/- Including GST	1 Pc Working	ICAR
Nilkamal 6 Drawer Table	2018 – 19	49980/- Including GST	3 Pc Working	ICAR
Nilkamal Revolving Chair	2018 – 19	49770/- Including GST	6 Pc Working	ICAR

Nilkamal Boss Chair	2018 – 19	16699/- Including GST	1 Pc Working	ICAR
Nilkamal Runner Chair	2018 – 19	22500/- Including GST	5 Pc Working	ICAR
Godrej Monarch Sofa Set	2018 – 19	41480/- Including GST	1 Pc Working	ICAR
Godrej Storwell Plan Almirah	2018 – 19	37840/- Including GST	2 Pc Working	ICAR
Channel Gate (143 Kg)	2018 – 19	10725/-	1 Pc Working	ICAR (Building Maintenance)
Channel (29 Kg)	2018 – 19	2030/-	1 Pc Working	ICAR (Building Maintenance)
Project Screen size 8X6 Fit	2018 – 19	27990/-(Including GST)	1Pc Working	ICAR
Versha Harvester	2019-20	20338/- (Including GST)	1 PC working	BSDM
Weight machine	2019-20	11355/- (Inc. GST)	1 PC working	BSDM
Trolly Sprayer	2019-20	19491/- (Inc. GST)	1 PC working	BSDM
Chaff Cutter	2019-20	6696/- (Inc. GST)	1 PC working	BSDM
Singhal Rack	2019	29750/- (Inc. GST)	5 PC Working	ICAR
Steel Book Case	2021	44441/- (Inc. GST)	1 pc working	ICAR
Executive Chair	2021		1 pc working	ICAR
Office Desk	2021		1 pc working	ICAR
Hitachi AC	2021	1,49,500(with GST)	2 pc working	RKVY
LED smart TV	2021		01 pc working	RKVY
BSDM Gardener Equipments				
Biomatric Machine (30.06.2017)	2017 – 18	-	Working	BSDM
Kudal Tata	2017 – 18	-	Working	BSDM
Kudal Power	2017 – 18	-	Working	BSDM
Khurpi	2017 – 18	-	Working	BSDM
Kulhari	2017 – 18	-	Working	BSDM
Falcon Fine Cut	2017 – 18	-	Working	BSDM
Concorde Grafting Knife	2017 – 18	-	Working	BSDM
Falcon Hedge Shear	2017 – 18	-	Working	BSDM
Water Can 10 Leter	2017 – 18	-	Working	BSDM
Falcon Khurpa 3000	2017 – 18	-	Working	BSDM
Sickle	2017 – 18	-	Working	BSDM
Spade	2017 – 18	-	Working	BSDM
Pots	2017 – 18	-	Working	BSDM
Iron Flower Stand (25.05.2017)	2017 – 18	-	Working	BSDM
Sumo Tub 15"	2017 – 18	-	Working	BSDM
Pipe 1 Roll	2017 – 18	-	Working	BSDM
Warmth Heater (13.01.2018)	2017 – 18	-	Working	BSDM

Seed Display Stand	2017 – 18	-	Working	BSDM
Sprayer	2017 – 18	-	Working	BSDM
Gumboot	2017 – 18	-	Working	BSDM
Hot air oven	2017 – 18	-	Working	BSDM

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
M.B. Plough	2004-05	SUPLIED BY UNIV.	Not Working	ICAR
Land leveler	2004-05	SUPLIED BY UNIV.	Working	ICAR
Cultivator (9 tynes)	2004-05	SUPLIED BY UNIV.	Working	ICAR
Electric Balance	2004-05	SUPLIED BY UNIV.	Working	ICAR
Stitching m/c	2004-05	SUPLIED BY UNIV.	Working	ICAR
Rotavator	2011	76806/-	Working	RKVY
Cultivator (11 tynes)	2011	19950/-	Working	RKVY
Zero Tillage (Seed drill)	2013-14	40,036/-	Working	ICAR
Thresher (maize)	2013-14	99,900/-	Working	ICAR
Power Reaper	2013-14	99,960/-	Working	ICAR
Sprinkler System	2013-14	55000/-	Working	ICAR
Rotavator	2013-14	99900/-	Working	ICAR
Maize Thresher	-	99900/-	Working	ICAR
Seed Drill (Tractor Operated)	-	40000/-	Working	ICAR
Power Sprayer	-	6000/-	Working	ICAR
Rotavator	-	99900/-	Working	ICAR
Stitching Machine	-	-	Working	BAU
Stand Fan	-	-	Working	ICAR
Electronic Balance	-	-	Repairable	ICAR
Knap Sack Sprayer	-	-	Repairable	ICAR
Hand Sprayer	-	-	Working	ICAR
Wooden Pata	-	-	Working	R/F
Pipe (600ft)	-	-	Working	R/F
Moisture box	2016-17	-	Working	BAU
Weighing Balance(Manual)	2016-17	-	Working	BAU
Plastic Packaging Machine	2017 – 18	1800/-	Working	RKVY
Paddy Threshar (Mannual)	2017 – 18	5500/-	Working	RKVY

Grain Moisture testing machine	2016 – 17		Working	RKVY
Shovel	2018 – 19	2160/-	Working	BSDM
Cultivator Fro	2018 – 19	690/-	Working	BSDM
Happy Seeder 2 Nos	2019-20	Supplied, BAU, Sabour	Working	CRAP
Tractor operated winnower fan	2020	24,573/-	Working	BSDM
New Holland Tractor 65 hp	2021	945221/- with GST	Working	CRAP
Tractor Trolley	2021	179199/-with GST	working	CRAP
Paddy Thresher	2021	174720/-with GST	Working	CRAP
Rice-Wheat seeder	2021	20000/-	working	CRAP
Multi-crop Planter	2021	88019/- with GST	Working	CRAP
Self-propelled Reaper	2021	Supplied , BAU, Sabour	Working	CRAP
Power Weeder&Ridger	2021	Supplied , BAU, Sabour	Working	CRAP
Laser Land Lever	2021	305000/- with GST	Working	CRAP
Raised Bed Planter	2021	99000/- with GST	Working	CRAP
Tractor Mounted Sprayer	2021	193520/- with GST	Working	CRAP
Falcon Ladder (30.03.2022)	2022	13749/-	Working	CRAP
KOEL Motor 1 HP (27.01.2022)	2022	3850/-	Working	CRAP
Zero Tillage 11 Row (03.01.2022)	2022	64500/-	Working	CRAP
Trolley Sprayer full set engine (26.03.2022)	2022	11500/-	Working	CRAP
Self-propelled trolley mounted sprayer (30.03.2022)	2022	61999/-	Working	CRAP
Green Seeker	2022	Received from BAU, Sabour	Working	CRAP
Box 60 x 30 (17.03.2022)	2022	9500/-	Working	CRAP
GodregStorewel Minor (31.03.2022)	2022	23420/-	Working	CRAP
Dual Band Modem	2022	3540/-	Working	CRAP
2 HP Krishlokar Electric Pump set	2022	15000/-	Working	CRAP
01 HP Krishlokar Electric Motor	2022	4250/-	Working	CRAP
CCTV Bullet Camera	2022	1500/-	Working	CRAP
Self-Propelled Vertical reaper (25.03.2022)	2022	135000/-	Working	NICRA

1.8. Details SAC meeting* conducted in the year

Date	Number of Participants	Total statutory member present (State line dept.)	Salient Recommendations	Action taken	If not conducted, state reason
14.07.2023	41	18			

** Salient recommendation of SAC in bullet form*
Attach a copy of SAC proceedings along with list of participants

कृषि विज्ञान केन्द्र, किशनगंज की तेरहवीं वैज्ञानिक सलाहकार समिति की बैठक का आयोजन डॉ आर0 के0 सोहाने, निदेशक, प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौर की अध्यक्षता में दिनांक 14.07.2023 को कृषि विज्ञान केन्द्र, किशनगंज के प्रशिक्षण कक्ष में किया गया। इस कार्यक्रम में डॉ के0 सत्यनारायण, सह–अधिष्ठाता–सह–प्राचार्य, डॉ कलाम कृषि महाविद्यालय किशनगंज, डा0 राजीव सिंह, वरीय वैज्ञानिक एवं प्रधान, कृषि विज्ञान केन्द्र, किशनगंज, जिला कृषि पदाधिकारी, केन्द्र के सभी वैज्ञानिक, सहायक कमान्डेन्ट, संबद्ध विभागों के जिला स्तरीय पदाधिकारी , गैर सरकारी संस्थाओं के प्रतिनिधि तथा जिले के कृषक प्रतिनिधियों ने भाग लिया।

तकनीकी सत्र के दौरान वरीय वैज्ञानिक एवं प्रधान ने केन्द्र की जून, 2022 से जून, 2023 तक का प्रगति प्रतिवेदन एवं अप्रेल, 2023 से मार्च, 2023 तक की कार्ययोजना प्रस्तुत किया। इस बैठक में बारहवीं वैज्ञानिक सलाहकार समिति की बैठक के अनुपालन प्रतिवेदन की भी समीक्षा की गई जिसे सदन द्वारा संपुष्ट किया गया।

उपस्थिति : पंजी संधारित

बैठक में उपस्थित सदस्यों से आपसी विचार विमर्श के उपरांत निम्नलिखित प्रस्ताव सर्वसम्मती से पारित किये गये :

1. किशनगंज जिले में चाय की खेती के प्रसार हेतु आवश्यक प्रसार गतिविधि कार्यक्रम चलाया जाय जिसमें चाय किसानों को कृषि विज्ञान केन्द्र, किशनगंज/डा0 कलाम कृषि महाविद्यालय के द्वारा तकनीकि सहायता प्रदान की जाय। साथ ही जीविका से भी इस संबंध में समन्वय स्थापित किया जाय।

(क्रियान्वयन : विषय वस्तु विशेषज्ञ, उद्यान)

2. जिले के कृषि से संबंधित समस्या को ध्यान में रखते हुए ऑन फार्म ट्रायल का चयन किया जाय।

(क्रियान्वयन : सभी विषय वस्तु विशेषज्ञ)

3. किशनगंज जिले में अत्यधिक वर्षा होने के कारण खरीफ मौसम में मिलेट्स (श्री अन्न) का प्रत्यक्षण नहीं होने की दशा में रबी मौसम के लिए कट्टु (Buck Wheat) / Pseudo Millet का प्रत्यक्षण किया जाय।

(क्रियान्वयन : सभी विषय वस्तु विशेषज्ञ)

4. कृषि विज्ञान केन्द्र, किशनगंज में स्थापित संग्रहालय में जीवंत प्रत्यक्षण लगाया जाय एवं आवश्यक सम्वर्धन समय–समय पर किया जाय जिससे किसानों को नवीनतम जानकारी प्राप्त हो।

(क्रियान्वयन : प्रभारी, प्रत्यक्षण इकाई)

5. नाबार्ड द्वारा गठित कृषक उत्पादक संगठन के सदस्यों को 30–30 के संख्या में विशेषता आधारित प्रशिक्षण का आयोजन कृषि विज्ञान केन्द्र, किशनगंज में समन्वय स्थापित कर किया जाय।

(क्रियान्वयन : जिला प्रबंधक, नाबार्ड / वरीय वैज्ञानिक एवं प्रधान, किशनगंज)

6. कृषि विज्ञान केन्द्र, किशनगंज के प्रक्षेत्र जो कि सीमा सुरक्षा बल से सटे है को कटीले तार से घेरने हेतु एक प्रस्ताव सीमा सुरक्षा बल को दिया जाय।

(क्रियान्वयनः प्रभारी, प्रक्षेत्र/ प्रक्षेत्र प्रबंधक)

7. समेकित कृषि प्रणाली के अन्तर्गत कृषि विज्ञान केन्द्र, किशनगंज के परिसर में निर्मित तालाब का मेढ. जो कि क्षतिग्रस्त हो चुका है इसकी मरम्मती हेतु पत्र कार्यपालक अभियंता, भो0 पा0 शा0 कृ0 महाविद्यालय, पूर्णिया को भेजा जाय। साथ ही सम्बन्धित प्रदर्शन इकाई (मुर्गापालन एवं बत्तख पालन) मानकपूर्ण एवं कृषि विज्ञान केन्द्र, सबौर में निर्मित इकाई के अनुरूप निर्माण हेतु अनिर्मित कार्य हेतु इस मद के राशि को तत्काल कार्यपालक अभियंता, भो0 पा0 शा0 कृ0 महाविद्यालय, पूर्णिया से वापस करने हेतु पत्र भेजा जाय तथा राशि प्राप्त होते ही अधुरे कार्य यथाशीघ्र पूरा किया जाय।

(क्रियान्वयनः कार्यपालक अभियंता, भो0 पा0 शा0 कृ0 महा0, पूर्णिया/प्रभारी प्रक्षेत्र/वरीय वैज्ञानिक एवं प्रधान)

8. कृषि विज्ञान केन्द्र, किशनगंज के प्राथमिकता आधारित कार्य क्षेत्र (Thrust Area) में चाय और सिल्क को जोड़ा जाय।

(क्रियान्वयन : वरीय वैज्ञानिक एवं प्रधान)

9. केन्द्र के द्वारा आयोजित की जानी वाली सभी प्रकार की गतिविधियों में भाग लेने वाले प्रशिक्षाणर्थियों की सूची बनाकार उसे Website में डाला जाय।

(क्रियान्वयन : प्रभारी, प्रशिक्षण / कार्यक्रम समहायक, कम्प्यूटर)

10. जिले के कृषि से संबंद्ध विभाग द्वरा योजनाओं से संबंधित प्रत्यक्षण दिये जाने से पहले संबंधित किसान को संबंधित प्रत्यक्षण विषय पर कृषि विज्ञान केन्द्र, किशनगंज द्वारा प्रशिक्षण दिया जाय।

(क्रियान्वयन : कृषि से संबंद्ध विभाग)

11. कृषि विज्ञान केन्द्र, किशनगंज द्वारा आयोजित किये गये ऑन फार्म ट्रायल के परिणाम में जो बेहतर तकनीकी का उपयोग हुआ है उसे तकनीक को जिला कृषि पदाधिकारी को दिया जाय।

(क्रियान्वयन : वरीय वैज्ञानिक एवं प्रधान)

12. बिहार कौशल बिकास मिशन अन्तर्गत केन्द्र के द्वारा आयोजित किये जाने वाले Agriculture Extension Service Provider जॉब रोल के लिए Village Resource Person को प्रषिक्षण में नामित करने हेतु जीविका एवं प्रदान, किषनगंज को प्रस्ताव भेजा जाय।

(क्रियान्वयन : संबंधित **ToT**)

2.a. District level data on agriculture, livestock and farming situation (2023)

Sl. No.	Item	Information
1	Major farming system/enterprise	✓ Paddy-maize based farming system ✓ Paddy-wheat based farming system ✓ Paddy- Mustard/Potato- wheat –green gram based farming system ✓ Jute – Paddy based farming system ✓ Fruits and vegetables based farming system. ✓ Pineapple based farming system ✓ Vermicomposting production

		✓ Fish Culture ✓ Mushroom production ✓ Poultry/goat farming ✓ Bee Keeping
2	One district one product (NITI Ayog)	✓ Pineapple
3	Agro-climatic Zone	✓ Zone-II (North – East Alluvial Plain) ✓ The climate is sub-tropical and humid having mean maximum and minimum temperature between 41°C and 3.52°C respectively. The average annual rainfall of the district is about 2269.49 mm.
4	Agro ecological situation	✓ North East alluvial plain ✓ Up land sandy soil –suitable for maize, wheat, vegetables & fruits ✓ Medium sandy loam soil- wheat, maize, jute, rice, oilseeds, pulses, vegetables & fruits cultivation ✓ Low lying clay soil with flood & water logging condition suitable for paddy, boro-paddy & paira cropping ✓ Diara land of Mahananda flooded during rainy season with sandy and loamy soil-suitable for Rabi maize, wheat, oilseeds, pulses & cucurbits
5	Soil type	✓ The soil of Kishanganj district are coarse textured, sandy loam to loam with p^H 5.8 to 7.2, low in organic carbon, available N, P_2O_5 and medium in available K_2O with deficient of micronutrients.
6	**Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others**	

A. Cereal

Crops	**Area (ha)**	**Production (MT)**	**Average yield (q/ha)**
Paddy	77617	221120	28.49
Wheat	14080	16658	11.83
Maize	3033	9465	31.21

B. Pulses

Crops	**Area (ha)**	**Production (MT)**	**Average yield (q/ha)**
Moong	722	801	11.09
Lentil	864	632	7.31
Kulthi	662	634	9.58
Khesari	375	371	9.89

C. Oilseeds

Crops	**Area (ha)**	**Production (MT)**	**Average yield (q/ha)**
Rapeseed & Mustard	1409	1122	7.96
Linseed	1696	1460	8.61

Sesame	213	185	8.69

D. Horticultural Crops

Crops	Area (ha)	Production (MT)	Average yield (q/ha)
Pineapple	2200	59202	365.00
Onion	1410	31710	220.00
Mango	836	7280	48.00
Banana	679	31867	360.00
Litchi	425	3062	67.50
Guava	250	1974	45.60
Lemon	281	2025	280.00
Papaya	48	1153	480.00

Source: Bihar economic survey 2019-20

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

Month	Rainfall (mm)	Rainy days	Temperature ^{0} C		Relative Humidity (%)
			Maximum	Minimum	
January	0	0	24.2	13.5	67.2
February	0	0	27.8	14.8	59.2
March	10.24	3	39.1	21.5	45.4
April	38.51	3	43.2	27.3	55.4
May	351.60	13	37.3	27.8	75.5
June	351.60	18	35.6	27.7	92.3
July	613.0	27	32.4	27.3	92.8
August	473.5	24	31.2	26.2	91.5
September	351.40	16	33.4	26.5	86.8
October	92.40	12	32.1	23.2	80.3
November	0	0	30.6	18.6	66.7
December	0	0	27.8	15.4	65.2
Total	**2282.25**	**116**			

Source-DAO, Kishanganj

8 Production of major livestock products like milk, egg, meat etc.
(Source Bihar Economy Survey 2015-16)

Milk(Lt)	1,50,000
Fish(MT)	7.9
Livestock	884364
Cattle – Cross breed	14190

		Cattle-Indigenous	400426
		Goat	415343
		Poultry-Cross breed	48253
		Poultry-Indigenous	633787
		Buffalo	48606
		Sheep	421
		Pig	11589

Note: Please give recent data only

2.b. Details of operational area / villages (2023)

Sl.No.	Name of Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Kishanganj	Kishanganj	Singhia Kulamani, Majhia, Dhekabhinja, Kashipur, Fulwari, Doula, Juljuli, Maida etc.	Rice, Wheat, Maize, Banana, ginger, turmeric, other speices Jute, Potato, Fruits &Vegetables, Mustard, green gram, Mushroom, goatry, and Backyard Poultry	Unavailability of quality seeds, injudicious use of fertilizers, incidence of weeds, diseases and pests, lack of scientific knowledge of crop cultivation, Problematic soil	ICM,WM,INM, Improved seed and seed treatment, Vermiculture, Mushroom Production, Capacity Building, Value Addition, Disease management in animals
2.		Pothia	Dihalbari, Pokharia,Gilhabari, Panasi, Sarogora, Mahsool etc.			
3.		Terhagachh	Baigna, Dhadhar etc.			
4.		Kochadhaman	Purandaha, Shitalnagar, Suranag, Mehdipur, Chargharia, Alta, Sapatiya, Dogharia, etc.			
5.		Dighalbank	Kuthaili, Dahibhat, Singhimari, Satkoua, Korhobari etc.			
6.		Thakurganj	Patharia, Kukurbaghi, Baisarbati, Sakhuadali, Hulhuli etc.			
7.		Bahadurganj	Bangama, Loucha, Bhouradah, Bhatabari and Maheshbathna etc.			

2. c. Details of village adoption programme during 2023:

Name of the villages adopted by Sr. Scientist & Head and SMS (in year 2023) for its development and action plan

Name of village	Block	Action taken for development
Bairgachhi	Kishanganj	• OFT (On Farm Trail). • Conducted FLDs on Paddy(var.- Sabour Sona) • Soil testing and soil health card distribution to farmers.

(Dr. Rajeev Singh, Sr. Scintist& Head)		• Need based training Prog for PF/RY. Farm Advisory services, kissanchaupal, Kissangosthi, exposure visit. and animal husbandry, swachhatapakhwara, SBM. • Participation of farmers and farm women in kvkprogrammes like world soil day, and other training cum awareness programmes.
Farsadangi/ Andhwakoul (Dr. Niraj Prakash, SMS, Ento)	Kishanganj	• OFT on rabi Maize • FLD on Kharif Paddy, pheromone trap against cucurbits and waste decomposer. • Training Prog for PF/RY, Farm Advisory services, kissanchaupal, Kissangosthi, exposure visit, swachhatapakhwara, SBM, diagnostic visit. • Participation of farmers and farm women in kvkprogrammes like Pre rabikrisaksangosthi, world soil day and other training cum awareness programme.
Kolha/Motihara Taluka/ Mahingaon/ Gilhabari (Dr Hemant Kr Singh, SMS, Horticulture)	Kishanganj	• Conducted FLDs on ZT wheat, RB Maized, RB Mustard, RB Wheat, Potato Planter, DSR paddy, INM paddy and wheat, water harvesting through field bunding in paddy, AWD in paddy, vegetables and fruits (Pheromon trap, Improved seed, weed management and PGR). • OFTs on Mango (PGR) • Soil testing and soil health card distribution to farmers. • Need based training Programme for PF/RY. Farm Advisory services, kissanchaupal, Kisangosthi, Field Days, exposure visit, swachhatapakhwara, SBM. • RAWE programme, awareness camp, group meeting etc

2.1 Priority thrust areas of KVKs

S. No	Thrust area
1.	INM and IPM practices for sustainable agriculture.
2.	Management of Jute, Banana and Pineapple based cropping system.
3.	Popularization of quality seed production.
4.	Income generation activities through high value fruits crops (Dragon Fruit and Pineapple), beekeeping, mushroom production, vermi-composting, goatary, Poultry, and preservation of fruits and vegetables etc. & Farm women empowerment.
5.	Promotion and adoption of Integrated farming system in the district.
6.	Enhancement of milk production through proper management of miltch animals.

3. TECHNICAL ACHIEVEMENTS

3.1. Summary details of target and achievement of mandatory activities by KVK during the year 2023

OFT												FLD											
No. of technologies tested:												No. of technologies demonstrated:											
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers									
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
06	06	74	8	0	0	0	52	0	60	0	60	10	13	130	19	4	5	2	77	23	101	29	257

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
56	46	1400	82	33	100	71	2053	269	2235	373	2608	**1482**	678	**5660**	634	233	391	189	1170 1	376 7	1272 6	418 9	1691 5

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

Seed production (q)			Planting material (in Lakh)		
Target (Crop and variety)	Achievement (q)	Sold (q)	Target (crop and variety)	Achievement	Sold (number)
Paddy (Sabour Sampann)	135.60	135.60	Dragon Fruit (Red cover with red flesh)	3000	1515
Wheat (HD-2967)	51.00	51.00	Guava (VNR-VIHI/ Allahabad Safeda)	-	
Mustard (RH 725)	1.00	1.00	Cauliflower (Sabour Agrim)	-	

Makhana (Sabour Makhana-1)	6.60	6.60			
Buckwheat (Himpriya)	0.20	0.20			

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

* Give no. only in case of fish fingerlings

3.2 ACHIEVEMENTS ON TECHNOLOGIES ASSESSED AND REFINED (OFT)

3.2. 1 Technology Assessed by KVK (Discipline wise)

A	**Technologies assessed under various crops (Cereal Crop Production)**			
	Thematic areas	**Number of the technologies (Technology Interventions)**	**No. of trials**	**No. of Locations**
1	Integrated Nutrient Management	03	02	08
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management			
5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Farm Machineries			
10	Integrated Farming System			
11	Seed / Plant production			
12	Post Harvest Technology / Value addition			
13	Drudgery Reduction			
14	Storage Technique			
15	Others (Pl. specify)			

16	Cropping Systems			
17	Farm Mechanization			
18	Others			
	Total	**03**	**02**	**08**
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	**03**	**03**	**10**
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management			
5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Post-harvest Technology / Value addition			
10	Others if any specify			
	Total	**03**	**03**	**10**
C	**Technologies assessed under livestock & Fisheries by KVKs**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Disease & Health Management			
2	Breeding management/Evaluation of Breeds			
3	Feed and Fodder management			
4	Nutrition Management			
5	Production and Management			
6	Processing and Value addition			
7	Fisheries management			
8	Others (waste, ITK etc)			
	Total			

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

3.2.2 OFT (All discipline)

OFT - 1 (December - 22)

- **Thematic area:** Plant Growth Regulator
- **Problem definition/Name of OFT: Induction of regular and early flowering in Mango through <u>Paclobutrazol.</u>**

1.	Title of On farm Trial	**Induction of regular and early flowering in Mango through <u>Paclobutrazol.</u>**
2.	Problem diagnosed	The farmers face the problem of alternate or irregular bearing generally signifies the tendency of mango trees to bear a heavy crop in one year (On year) and very little or no crop in the succeeding year (Off year)
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	a. **Farmer Practice (FP):** No use of hormones. b. **Technology option-I (TO_1) :** Appl*ication of Paclobutrazol@ 1.0g a.i./m* effective canopy *(0.25g/plant) as soil drench during Oct-Nov* c. **Technology option-II (TO_2) :** Application *of Paclobutrazol* @ 1.5g a.i./metre effective canopy (30- 45g) *canopy diameter as soil drench during September*
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-IIHR and ICAR-CIHS
5.	Production system and thematic area	Medium Land Situation and Plant Growth Regulators
6.	Performance of the Technology with performance indicators	**A. Technological observations:** • No of fruit/plant • Advance flowering in days • Average yield (kg/tree) **B. Economics:** • Cost (Rs/ha) • Net return (Rs/ha) • B:C ratio

7.	Final recommendation for micro level situation	The TO_2 exhibited maximum number of fruits/tree (502) followed by TO_1 (326). The fruits yield was significantly increased by both the doses of Paclobutrazol, the treatment TO_2 (124 kg/tree) produced maximum fruit yield followed by TO_1 (79 kg/tree) and FP (53 kg/tree). The data reveal that, the highest monetary returns (Rs. 293180/ ha) and the highest (6.58) B:C ratio was recorded in the TO_2: Paclobutrazol @ 1.5g a.i/m and it was followed by the TO_1:Paclobutrazol @ 1.0g a.i/m (4.72).
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Training, group meeting and gosthi

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

Thematic Area: Plant Growth Regulator.

Problem Definition: The farmers face the problem of alternate or irregular bearing generally signifies the tendency of mango trees to bear a heavy crop in one year (On year) and very little or no crop in the succeeding year (Off year).

Technology Assessed: **Assessment of proper doses of Paclobutrazol in mitigating irregular bearing in mango**.

Table: Assessment of proper doses of Paclobutrazol in mitigating irregular bearing in mango.

Treatments options	**Days to 50 % flowering from treatments**	**No of fruit/ plant**	**Per fruit weight (gm)**	**Average fruit yield (kg/plant)**	**Average fruit yield (q/ha.)**	**Cost of cultivation (Rs./ha)**	**Gross return (Rs/ha)**	**Net return (Rs/ha)**	**BC Ratio (Rs/ha)**
FP: No use	138	237+15	229+5	53+10	52.4+8	38100+1500	146720+2400	108620	3.85
TO_1: Paclobutrazol @ 1.0g a.i/m	130	326+15	241+5	79+10	78.4+8	46550+1500	219520+2400	172970	4.72
TO_2 : Paclobutrazol @ 1.5g a.i/m	122	502+15	247+5	124+10	122.6+8	50100+1500	343280+2400	293180	6.85
CD @ 5 %	4.7	32.4	27.1	13.6	-				

CV	**2.2**	**5.6**	**7.0**	**9.8**	**9.9**				

Result : The TO_2 exhibited maximum number of fruits/tree (502) followed by TO_1 (326). The fruits yield was significantly increased by both the doses of Paclobutrazol, the treatment TO_2 (124 kg/tree) produced maximum fruit yield followed by TO_1 (79 kg/tree) and FP (53 kg/tree). The data reveal that, the highest monetary returns (Rs. 293180/ ha) and the highest (6.58) B:C ratio was recorded in the TO_2: Paclobutrazol @ 1.5g a.i/m and it was followed by the TO_1:Paclobutrazol @ 1.0g a.i/m (4.72).

OFT-2 (Entomology) (Year- 2022-23)

- **Thematic area:** Integrated Pest management
- **Problem definition/Name of OFT:** Eco-friendly management practices to control fruit fly in cucurbits.

i.	**Season:**	Rabi
ii.	**Title of the OFT**	Eco-friendly management practices to control fruit fly in cucurbits.
iii.	**Thematic Area:**	Integrated Pest management
iv.	**Problem diagnosed**	Most of the fruit of cucurbits damage due to fruit fly, ultimately yield affected and farmers indiscriminate use hard insecticides which is harmful for human.
v.	**Important Cause**	Due to crop damage farmers could not achieve desired production.
vi.	**Production system:**	Vegetables cropping system
vii.	**Micro farming system:**	Medium-Up land
viii.	**Technology for Testing:**	Farmers practice- Use of any pesticides as per their knowledge. TO1- Commercial fruit fly pheromone trap @ 10/h. TO2- Self made poison bait fruit fly trap @ 10/h.
ix.	**Existing Practice:**	Farmers indiscriminate use hard insecticides
x.	**Hypothesis:**	Protect crop by attack of fruit fly keeping in view environmentally safe.
xi.	**Objective(s):**	To enhance the income of farmers through vegetable production.
xii.	**Treatments**	Farmers practice- Use of any pesticides as per their knowledge. TO1- Commercial fruit fly pheromone trap @ 10/h.

		TO2- Self-made poison bait fruit fly trap @ 10/h.
xiii.	**Critical Inputs:**	Pheromone trap/Insecticide for self-made poison bait fruit fly trap
xiv.	**Unit Size:**	2000 sqm
xv.	**No of Replications:**	10
xvi.	**Unit Cost:**	Rs.500
xvii.	**Total Cost:**	Rs.5000
viii.	**Monitoring Indicator:**	Technological observations: Number of fruits/infected fruits at different harvest Insect infestation (%) Yield (q/ha) Economic indicators: Cost of cultivation(Rs.) Net return (Rs.) B:C Ratio
xix.	**Source of Technology (ICAR/AICRP/SAU/ Other, please specify):**	**DRPCAU, Pusa**

Thematic area: Integrated Pest Management.
Problem definition: Farmers face yield losses of bitter gourd due to fruit fly insect infestation.
Technology assessed: Evaluation of eco-friendly management against fruit fly in cucurbits (Bitter gourd).

Table: Eco-friendly management of fruit fly.
.

Technology option	No. of trials	Fruit dammage (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmers practice- Use of any pesticides as per their knowledge.	10	5.54	112.57	65800	168855	103055	2.56
TO1- Commercial fruit fly pheromone trap @ 10/h.	10	4.32	118.39	61100	177585	116485	2.91
TO2- Self made poison bait fruit fly trap @ 10/h.	10	22.90	106.63	59600	159945	100345	2.68

Results: An OFT was conducted on different farmers field during year 2022-23(Summer) on "Eco-friendly management practices to control fruit fly in cucurbits (Bitter gourd)".

Result showed that minimum fruit damage (4.32%), in TO1 (Commercial fruit fly pheromone trap @ 10/h) followed by Farmers practice (5.54%). Maximum yield (118.39 q/h) found in TO1 with B:C 2.91, whereas in TO2 (Self made poison bait fruit fly trap @ 10/h.) showed highest fruit damage 22.90 % with minimum yield (106.63 q//h) with BC 2.68

Finally conclude for Eco-friendly management practices to control fruit fly in cucurbits (Bitter gourd) we suggest farmer to use Commercial fruit fly pheromone trap @ 10/h which is environmentally safe.

OFT- 03 (Entomology) (Year: 2022-23) Result Awaited

i.	**Season:**	Rabi
ii.	**Title of the OFT**	Management of *Phytophthora* heart rot and root rot disease in pineapple
iii.	**Thematic Area:**	Integrated disease management
iv.	**Problem diagnosed**	Heart rot and root rot one of the major disease caused by *Phytophthora parasitica* and *P. cinnamoni* is the most serious problem in all the pineapple growing area. So development of integrated disease management technology is very necessary.
v.	**Important Cause**	*Phytophthora parasitica* and *P. cinnamon* cause mortality in pineapple.
vi.	**Production system:**	Pineapple farming situation.
vii.	**Micro farming system:**	Medium-Up land
viii.	**Technology for Testing:**	TO1- (i) Soil application of Trichoderma sp. @ 5 Kg/ha with FYM (ii) Fosetyl AL @ 1000 ppm bi-monthly spray with first spray after two month of planting. TO2- (i) Soil application of Trichoderma sp. @ 5 Kg with FYM (ii) Mancozeb @ 2000 ppm and Difenconazole @ 1000 ppm alternate bi-monthly spray with first spray after two month of planting.
ix.	**Existing Practice:**	No use of any fungicide
x.	**Hypothesis:**	Protect crop by Heart rot and root rot for quality production
xi.	**Objective(s):**	To enhance the farmers income through quality production
xii.	**Treatments**	TO1- (i) Soil application of Trichoderma sp. @ 5 Kg/ha with FYM (ii) Fosetyl AL @ 1000 ppm bi-monthly spray with first spray

		after two month of planting. TO2- (i) Soil application of Trichoderma sp. @ 5 Kg with FYM (ii) Mancozeb @ 2000 ppm and Difenconazole @ 1000 ppm alternate bi-monthly spray with first spray after two month of planting.
xiii.	**Critical Inputs:**	Trichoderma, , Fosetyl AL, Mancozeb, Difenconazole
xiv.	**Unit Size:**	1000 sqm
xv.	**No of Replications:**	10
xvi.	**Unit Cost:**	Rs.1000
xvii.	**Total Cost:**	Rs. 10000
viii.	**Monitoring Indicator:**	Technological observations: Observation on disease severity, Plant mortality after 5 days of each spray, (Disease infestation%) Yield (q/ha) Economic indicators: Cost of cultivation(Rs.) Net return (Rs.) B:C Ratio
xix.	**Source of Technology (ICAR/AICRP/SAU/ Other, please specify):**	BAU, Sabour

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

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

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

OFT-4 (Entomology) (Year : 2023-24)

xx.	**Season:**	Summer-2024
xxi.	**Title of the OFT**	Eco-friendly management practices to control fruit fly in cucurbits.
xxii.	**Thematic Area:**	Integrated Pest management
xiii.	**Problem diagnosed**	Most of the fruit of cucurbits damage due to fruit fly, ultimately yield affected and farmers indiscriminate use hard insecticides which is harmful for human.
xiv.	**Important Cause**	Due to crop damage farmers could not achieve desired production.
xxv.	**Production system:**	Vegetables cropping system
xvi.	**Micro farming system:**	Medium-Up land
xvii.	**Technology for Testing:**	Farmers practice- Use of any pesticides as per their knowledge. TO1- Commercial fruit fly pheromone trap @ 10/h. TO2- Self made poison bait fruit fly trap @ 10/h.
viii.	**Existing Practice:**	Farmers indiscriminate use hard insecticides
xix.	**Hypothesis:**	Protect crop by attack of fruit fly keeping in view environmentally safe.
xxx.	**Objective(s):**	To enhance the income of farmers through vegetable production.
xxi.	**Treatments**	Farmers practice- Use of any pesticides as per their knowledge. TO1- Commercial fruit fly pheromone trap @ 10/h. TO2- Self-made poison bait fruit fly trap @ 10/h.
xxii.	**Critical Inputs:**	Pheromone trap/Insecticide for self-made poison bait fruit fly trap
xiii.	**Unit Size:**	2000 sqm
xiv.	**No of Replications:**	10
xxv.	**Unit Cost:**	Rs.500
xvi.	**Total Cost:**	Rs.5000
xvii.	**Monitoring Indicator:**	Technological observations: Number of fruits/infected fruits at different harvest Insect infestation (%) Yield (q/ha) Economic indicators: Cost of cultivation(Rs.) Net return (Rs.) B:C Ratio

viii.	**Source of Technology (ICAR/AICRP/SAU/ Other, please specify):**	**DRPCAU, Pusa**

Note: Farmers selection has been done.
Result: Result Awaited

OFT-5 (Entomology) (Year: 2023-24)

xx.	**Season:**	Summer-2024
xxi.	**Title of the OFT**	Management of *Phytophthora* heart rot and root rot disease in pineapple
xxii.	**Thematic Area:**	Integrated disease management
xiii.	**Problem diagnosed**	Heart rot and root rot one of the major disease caused by *Phytophthora parasitica* and *P. cinnamoni* is the most serious problem in all the pineapple growing area. So development of integrated disease management technology is very necessary.
xiv.	**Important Cause**	*Phytophthora parasitica* and *P. cinnamon* cause mortality in pineapple.
xxv.	**Production system:**	Pineapple farming situation.
xvi.	**Micro farming system:**	Medium-Up land
xvii.	**Technology for Testing:**	TO1- (i) Soil application of Trichoderma sp. @ 5 Kg/ha with FYM (ii) Fosetyl AL @ 1000 ppm bi-monthly spray with first spray after two month of planting. TO2- (i) Soil application of Trichoderma sp. @ 5 Kg with FYM (ii) Mancozeb @ 2000 ppm and Difenconazole @ 1000 ppm alternate bi-monthly spray with first spray after two month of planting.
viii.	**Existing Practice:**	No use of any fungicide
xix.	**Hypothesis:**	Protect crop by Heart rot and root rot for quality production
xxx.	**Objective(s):**	To enhance the farmers income through quality production
xxi.	**Treatments**	TO1- (i) Soil application of Trichoderma sp. @ 5 Kg/ha with FYM (ii) Fosetyl AL @ 1000 ppm bi-monthly spray with first spray after two month of planting. TO2- (i) Soil application of Trichoderma sp. @ 5 Kg with FYM (ii) Mancozeb @ 2000 ppm and Difenconazole @ 1000 ppm

		alternate bi-monthly spray with first spray after two month of planting.
xxii.	**Critical Inputs:**	Trichoderma, , Fosetyl AL, Mancozeb, Difenconazole
xiii.	**Unit Size:**	1000 sqm
xiv.	**No of Replications:**	10
xxv.	**Unit Cost:**	Rs.1000
xvi.	**Total Cost:**	Rs. 10000
xvii.	**Monitoring Indicator:**	Technological observations: Observation on disease severity, Plant mortality after 5 days of each spray, (Disease infestation%) Yield (q/ha) Economic indicators: Cost of cultivation(Rs.) Net return (Rs.) B:C Ratio
viii.	**Source of Technology (ICAR/AICRP/SAU/ Other, please specify):**	BAU, Sabour

Note: Farmers selection has been done.

Result: Result Awaited

OFT- 6 (Agril. Engg.) Not started/ conducted due to transfer

i.	**Season:**	Kharif – 2023
ii.	**Title of the OFT**	**Assessment of different weeding tools in paddy.**
iii.	**Thematic Area:**	Farm mechanization
iv.	**Problem diagnosed**	Inter-culturing of paddy is costly and strenuous
v.	**Important Cause**	Low level of farm mechanization
vi.	**Production system:**	Rice-maize
vii.	**Micro farming system:**	Irrigated upland

viii.	**Technology for Testing:**	Suitability of inter culturing tools for paddy.
ix.	**Existing Practice:**	Manually by local hand tools
x.	**Hypothesis:**	Use of power weeder will increase the field capacity and reduce drudgery
xi.	**Objective(s):**	To increase the level of farm mechanization.
xii.	**Treatments**	**a) Farmer Practice (FP):** Manually by local hand tools **b) TO_1**: Manual inter culturing by grubber. **c) TO_2:** Inter culturing with power weeder.
xiii.	**Critical Inputs:**	Weeder, Seed
xiv.	**Unit Size:**	600 m^2
xv.	**No of Replications:**	06
xvi.	**Unit Cost:**	35000
xvii.	**Total Cost:**	40000
xviii.	**Monitoring Indicator:**	**A. Technological observations:** • Field capacity (ha/h) • Field efficiency (%) • Weeding efficiency (%) **B. Economical observations:** • Cost (Rs/ha) • Yield (q/ha) • B:C ratio
xix.	**Source of Technology (ICAR/AICRP/SAU/ Other, please specify):**	DRPCAU, Pusa, Samastipur

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

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

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

OFT – 7 (Agril. Engg.) Not started/ conducted due to transfer

I.	**Season:**	Rabi/Summer – 2023
II.	**Title of the OFT**	**Assessment of Multi crop planter for sowing of pulses in different field conditions.**
III.	**Thematic Area:**	Farm Mechanization
IV.	**Problem diagnosed**	
V.	**Important Cause**	
VI.	**Production system:**	Paddy – Maize/ Paddy - wheat cropping system
VII.	**Micro farming system:**	Medium land
VIII.	**Technology for Testing:**	Sowing of pulses with Multi crop planter.
IX.	**Existing Practice:**	Broadcasting in tilled condition.
X.	**Hypothesis:**	Line sowing will increase the production.
XI.	**Objective(s):**	i. To find out the best sowing method of pulses.
XII.	**Treatments**	a. Farmer's Practice: Broadcasting in tilled condition. b. TO_1: Sowing with Multi crop planter in no tilled condition. c. TO_2: Sowing with Multi crop planter in tilled condition.
XIII.	**Critical Inputs:**	Seed, fuel for planting, herbicide.
XIV.	**Unit Size:**	1000 m^2
XV.	**No of Replications:**	08
XVI.	**Unit Cost:**	1250/-
XVII.	**Total Cost:**	10000/-
VIII.	**Monitoring Indicator:**	**A. Technological observations:** • No. of plants/m^2 • Labour saving (man-days/ha) • Yield **B. Economics:** • Cost of cultivation (Rs/ha) • Net return (Rs/ha) • B:C ratio
XIX.	**Source of Technology (ICAR/AICRP/SAU/**	RPCAU, Pusa

	Other, please specify):	

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

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

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

OFT-08 (Agronomy) (Starting Year: 2023)

- **Thematic area:** INM
- **Problem definition/Name of OFT:** Improvement of Nitrogen use efficiency in paddy

1.	Title of On farm Trial (OFT)	**Improvement of Nitrogen use efficiency in paddy**
2.	Problem diagnosed	Excessive use of chemical fertilizer and Spiraling price of urea leads to increase in cost of cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice- **RDF (100:40:20) Kg/ha** TO1- **50% of RDN & 100% PK + nano urea @4ml/lt. water (Single spray at pre flowering stage)**. TO2- **50% of RDN & 100% PK + 2 sprays of Nano Urea at (25 to 30 days) and (60-65 days) @ 4 ml/lt water.** **(Especially for Medium duration variety of BAU Sabour, BAU Ranchi and Dr RPCAU, Pusa, ICAR RCER, Patna)**
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour
5.	Production system and thematic area	Paddy-Maize and INM

6.	Performance of the Technology with performance indicators	Plot size (10 x10 m2)/ in each tech. option, soil data before and after (pH, EC, OC, NPK,), Yield data, No. of effective tillers/m2, 1000 grain weight, Panicle weight, Grain and Straw yield and Economics.
7.	Final recommendation for micro level situation	Table reveal that maximum grain yield was recorded with TO1 (50% of RDN & 100% PK + nano urea @4ml/lt. water (Single spray at pre flowering stage)) followed by TO2 (50% of RDN & 100% PK + 2 sprays of Nano Urea at (25 to 30 days) and (60-65 days) @ 4 ml/lt water). Maximum net return Rs 63514 per ha and B:C 2.94 were recorded with TO1 followed by TO2. Both are maximum over farmer practice.
8.	Constraints identified and feedback for research	Farmers are showing low interest to spray nano urea in Paddy. Due to high rainfall and regular rain during the spray so this is critical to spray at critical growth stage.
9.	Process of farmers participation and their reaction	Training, group meeting and gosthi

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

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
INM	Farmers practice- RDF (100:40:20) Kg/ha	2.8	2.8	32.56	34500	71078	36578	2.06
	TO1- 50% of RDN & 100% PK + nano urea @4ml/lt. water (Single spray at pre flowering stage).			44.12	32800	96314	63514	2.94
	TO2- 50% of RDN & 100% PK + 2 sprays of Nano Urea at (25 to 30 days) and (60-65 days) @ 4 ml/lt water.			42.74	33100	93301	60501	2.82

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

OFT-09 (Agronomy) (Starting Year: 2023)

- **Thematic area: INM**
- **Problem definition/Name of OFT: Improvement of Nitrogen use efficiency in wheat.**

1.	Title of On farm Trial (OFT)	Improvement of Nitrogen use efficiency in wheat.
2.	Problem diagnosed	Excessive use of chemical fertilizer and Spiraling price of urea leads to increase in cost of cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice- **RDF (100:40:20) Kg/ha** TO1- **50% of RDN & 100% PK + nano urea @4ml/lt. water (Single spray at 35 DAS).** TO2- **50% of RDN & 100% PK + 2 sprays of Nano Urea at (35 DAS) and (60-65DAS) @ 4 ml/lt water.** **(Timely sown variety of BAU Sabour. BAU Ranchi and RPCAU, Pusa, ICAR RCER, Patna)** **Under Rice-Wheat cropping system.**
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour
5.	Production system and thematic area	**Rice-Wheat cropping system and INM**
6.	Performance of the Technology with performance indicators	Plot size (10x10 m2)/ in each tech. option, soil data before and after (pH, EC, OC, NPK,), Yield data, No. of effective tillers/m2, 1000 grain wt., Panicle wt., Straw yield and Economics.
7.	Final recommendation for micro level situation	Result Awaited (Crop at tillering stage)
8.	Constraints identified and feedback for research	Result Awaited (Crop at tillering stage)
9.	Process of farmers participation and their reaction	Training, group meeting and gosthi

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

Thematic area	**Technology options with detailed treatments**	**Area (ha in crop & Fodder)/ Nos (in livestock)**		**Yield (q/ha)**	**Cost of cultivation (Rs./ha)**	**Gross return (Rs/ha)**	**Net return (Rs./ha)**	**BC ratio**
		Proposed	**Actual**					
INM	Farmers practice- **RDF (100:40:20) Kg/ha**	2.8	2.8	Result awaited				

	TO1- **50% of RDN & 100% PK + nano urea @4ml/lt. water (Single spray at 35 DAS).**			
	TO2- **50% of RDN & 100% PK + 2 sprays of Nano Urea at (35 DAS) and (60-65DAS) @ 4 ml/lt water.**			

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

OFT :10 (Horticulture) 2023

- **Thematic area:** Plant Growth Regulator
- **Problem definition/Name of OFT: Assessment and performance of plant growth regulator for synchronize flowering in pineapple (Var-Kew)**

1.	Title of On farm Trial	**Assessment and performance of plant growth regulator for synchronize flowering in pineapple (Var-Kew)**
2.	Problem diagnosed	The pineapple requires higher cost of cultivation (Rs about one lakh per acre). Traditionally farmers use imbalanced and non-judicious use of hormones due to desynchronize flowering and low yield of pineapple.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmer Practice:** Use of Ethrel 25 ppm. **TO_1 :** Application of 25ppm Ethephone in combination with 2 % urea and 0.04 % $CaCO_3$ **TO_2 :** Application of 10 ppm NAA
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Pineapple Research Station, Vazhakkulam, Kerala Agricultural University, Vellanikkara. Thrissur, Kerala
5.	Production system and thematic area	Pineapple based cropping system, Plant Growth Regulator
6.	Performance of the Technology with performance indicators	**A. Technological observations:** Plant height (cm), Days to flowering, Days to first fruit harvest, Yield (q/ha), Soil testing **B. Economical observations:** Cost , Net return (Rs), B:C ratio

7.	Final recommendation for micro level situation	**Result Awaited**
8.	Constraints identified and feedback for research	Result Awaited
9.	Process of farmers participation and their reaction	Training, group meeting and gosthi

Thematic Area: Plant Growth Regulator.

Problem Definition: The pineapple requires higher cost of cultivation (Rs about one lakh per acre). Traditionally farmers use imbalanced and non-judicious use of hormones due to desynchronize flowering and low yield of pineapple.

Technology Assessed: **Assessment and performance of plant growth regulator for synchronize flowering in pineapple (Var-Kew)**.

Table – Effect of plant growth regulator Pineapple (LS-45) for synchronization flowering in pineapple (*var- Kew*)

Treatment	Flowering (Days) after treatment	Days to fruit maturity after treatment	fruit yield (q/ha)	Grass cost Rs.	Grass return Rs	Net Profit Rs	BCR
Farmers Practice: (Use of Ethrel 25 ppm)	Result Awaited						
TO1: Application of 25ppm Ethephone in combination with 2 % urea and 0.04 % $CaCO_3$							
TO2: Application of 10 ppm NAA							

Result: Result awaited

OFT-11 (Horticulture)

- **Thematic area:** IPM & IDM
- **Problem definition/Name of OFT: Assessment of fruit bagging in Guava for quality improvement**

1.	Title of On farm Trial (OFT)	**Assessment of fruit bagging in Guava for quality improvement**
2.	Problem diagnosed	Low guava productivity and income result from flower and fruit drop, black spot, and fruit fly issues. These issues significantly impact the overall yield and quality of guava crops.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice- **No Bagging** TO1- **Cellophane bag cover** TO2- **Paper bagging**
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Finalization in OFT workshop held in BAU, Sabour
5.	Production system and thematic area	Guava based cropping system and IPM & IDM
6.	Performance of the Technology with performance indicators	Result Awaited
7.	Final recommendation for micro level situation	Result Awaited
8.	Constraints identified and feedback for research	Days to maturity, Fruit fly damage (%), Disease incidence (%), physical damage (%), Fruit wt.(gram), Appearance pulp colour, Shelf life (days), Yield per tree or per ha, Economics (Rs./ha)
9.	Process of farmers participation and their reaction	Training, group meeting and gosthi

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

Thematic area	**Technology options with detailed treatments**	**Area (ha)**		**Yield (q/ha)**	**Cost of cultivation (Rs./ha)**	**Gross return (Rs/ha)**	**Net return (Rs./ha)**	**BC ratio**
		Proposed	**Actual**					
IPM & IDM	Farmers practice- **No Bagging**	3.23	3.23	**Result Awaited**				
	TO1- **Cellophane bag cover**							
	TO2- **Paper bagging**							

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

3.3 ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS (FLD)

Sl. No	Season	Crop	Variety	Technology	Area in ha.	No. of Demonstration
1.	Summer	Jute	JRO – 204	Jute sowing by multi row jute seed drill	4.0	10
2.	Summer	(Pointed Gourd) Cucurbitaceous crop	Existing Farmer's Variety	Pheromone trap for management of fruit fly	4.0	20
3.	Kharif	Brinjal	Existing Farmer's Variety / Hybrid	Emamectin Benzoate 5 SG for management of Fruit and Shoot borer	4.0	20
4.	Kharif	Tea	Existing Farmer's Variety (T-24/25)	Yellow Sticky Trap	8.0	20
5.	Kharif	Finger Millet	Available Variety	Improved Seed	4.0	10
6.	Rabi	Pseudo Millet (Buck Wheat)	Him Priya	Improved Seed	4.0	10
7.	Rabi	Makhana	Sabour Makhana – 1	Improved Seed	7.0	7
8.	Rabi	Maize	Hybrid	Inter culturing by brush cutter cum weeder	2.0	10
9.	Rabi	Maize	Existing Farmer's Variety / Hybrid	Emamectin benzoate 5SG, Thiomethoxame and Lamdacyhalothrin for management of fall army worm	4.0	20
10.	Rabi	Pine apple	Existing Farmer's Variety / Joint Kew	Post emergence herbicide for weed control	4.0	10
Total					**37**	**137**

A. Overall achievements of FLDs conducted during the year 2023

S.No	Crop category	No. of FLD	Area (ha)	No of beneficiaries	Yield in Demo (q/ha)	Yield in check (q/ha)
	Cereals					
	Finger Millet	1	4.0	10	**5.8**	**4.2**
	Paddy (Var- Sabour Hira)	1	2.0	10	**45.15**	**32.65**
	Paddy (Var- Sabour Sona)	1	2.0	10	**40.26**	**32.65**
	Paddy (Nano Urea)	1	25	100	**41.42**	**39.78**
	Pseudo Millet (Buck Wheat)	1	4.0	10	Result awaited (Flowering stage)	
	Maize	1	2.0	10	Not conducted due to non-availability of agril. Engg. scientist	
	Maize	1	4.0	20	Result awaited (Vegetative Stage)	
	Oil Seed					
	Pulses					
	Horticulture Crops					
	(Pointed Gourd) Cucurbitaceous crop	01	4.0	20	Result awaited (Farmers selection done)	
	Brinjal	01	4.0	20	Result awaited	
	Tea	01	8.0	20	Result awaited	
	Makhana	01	7.0	07	Result awaited (Seedling stage)	
	Pine apple	01	4.0	10	Result Awaited	
	Other crops (Jute)	01	4.0	10	Result awaited (Farmers selection done)	
	Hybrid crop					
	Livestock					
	Fisheries					
	Other enterprises					
	Women empowerment					
	Farm Machinery					
	Grand Total	**13**	**74**	**257**		

B. Details of FLDs conducted during the year 2023

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
Finger Millet	ICM	Improved Seed	10	4.0	5.8	4.2	38.09	20510	34800	14290	1.69	18750	25200	6450	1.34
Paddy	Varietal	(Var- Sabour Hira)	10	2.0	45.15	32.65	38.28	34240	98562	64322	2.87	32210	71275	39065	2.21
Paddy	Varietal	(Var- Sabour Sona)	10	2.0	40.26	32.65	23.30	34240	87887	53647	2.56	32210	71275	39065	2.21
Paddy	INM	(Nano Urea)	100	25	41.42	39.78	4.12	32500	90420	57920	2.78	33800	86840	53040	2.57
Pseudo Millet (Buck Wheat)	ICM	Improved Seed	10	4.0	Result awaited (Flowering stage)										
Maize	RCT	Inter culturing by brush cutter cum weeder	10	2.0	Not conducted due to not availability of agril. Engg. scientist										
Maize	IPM	Emamectin benzoate 5SG, Thiomethoxame and Lamdacyhalothrin for management of fall army worm	20	4.0	Vegetative Stage										
Total			**170**	**43**											

2. Oilseeds

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

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

3. Pulses

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

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

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

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
(Pointed Gourd) Cucurbitaceous crop	IPM	Pheromone trap for management of fruit fly	20	4.0	Result awaited (Farmers selection done)										
Brinjal	IPM	Emamectin Benzoate 5 SG for management of Fruit and Shoot borer	20	4.0	Result awaited										
Tea	IPM	Yellow Sticky Trap	20	8.0	Result awaited										
Makhana	ICM	Improved Seed	07	7.0	Result awaited (Seedling stage)										
Pine apple	IWM	Post emergence herbicide for weed control	10	4.0	Result Awaited										
	Total		**77**	**27**											

* 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
Jute	RCT	Jute sowing by multi row jute seed drill	10	04	Result awaited (Farmers selection done)												
	Total		**10**	**04**													

6. Demonstration details on crop hybrid varietie

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

Others (Pl. specify)	--	--	--	--	--	--	--	--	--	--
Total Pulses	--	--	--	--	--	--	--	--	--	--
Vegetable crops	--	--	--	--	--	--	--	--	--	--
Bottle gourd	--	--	--	--	--	--	--	--	--	--
Capsicum	--	--	--	--	--	--	--	--	--	--
Cucumber	--	--	--	--	--	--	--	--	--	--
Tomato	--	--	--	--	--	--	--	--	--	--
Brinjal	--	--	--	--	--	--	--	--	--	--
Okra	--	--	--	--	--	--	--	--	--	--
Onion	--	--	--	--	--	--	--	--	--	--
Potato	--	--	--	--	--	--	--	--	--	--
Field bean	--	--	--	--	--	--	--	--	--	--
Others (Pl. specify)	--	--	--	--	--	--	--	--	--	--
Total Veg. Crops	--	--	--	--	--	--	--	--	--	--
Commercial Crops	--	--	--	--	--	--	--	--	--	--
Cotton	--	--	--	--	--	--	--	--	--	--
Coconut	--	--	--	--	--	--	--	--	--	--
Others (Pl. specify)	--	--	--	--	--	--	--	--	--	--
Total Commercial Crops	--	--	--	--	--	--	--	--	--	--
Fodder crops	--	--	--	--	--	--	--	--	--	--
Napier (Fodder)	--	--	--	--	--	--	--	--	--	--
Maize (Fodder)	--	--	--	--	--	--	--	--	--	--
Sorghum (Fodder)	--	--	--	--	--	--	--	--	--	--
Others (Pl. specify)	--	--	--	--	--	--	--	--	--	--
Total Fodder Crops	--	--	--	--	--	--	--	--	--	--

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

** BCR= GROSS RETURN/GROSS COST

7. Livestock

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

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

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

8. Fisheries

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

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

9. Other enterprises

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

Sericulture	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Apiculture	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Others (pl.specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total																	

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

10. Women empowerment

Name of technology	**No. of demonstrations**	**Name of technology**	**Observations**		**No. of Beneficiaries**
			Check	**Demonstration**	
Women					
Drudgery Reduction	--	--	--	--	--
Enterprises	--	--	--	--	--
Farming System	--	--	--	--	--
Health and nutrition	--	--	--	--	--
Kitchen Garden	--	--	--	--	--
Nutrigarden	--	--	--	--	--
Storage Technique	--	--	--	--	--
Value addition	--	--	--	--	--
Women Empowerment	--	--	--	--	--
Others	--	--	--	--	--
Total - Women	--	--	--	--	--
Children	--	--	--	--	--
Health and nutrition	--	--	--	--	--
Others	--	--	--	--	--
Total - Children	--	--	--	--	--
Other if any	--	--	--	--	--
Total others	--	--	--	--	--
Grand Total	0	0			

11. Farm implements and machinery

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

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

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	09.02.2023, 10.05.2023, 13.06.2023, 08.06.2023, 14.11.2023, 23.11.2023, 25.11.2023	07	476	-
2.	Farmers Training	18.07.2023, 02.05.2023, 4.7.2023, 6.7.2023, 7.7.2023, 19.07.2023, 26.07.2023, 14.06.2023, 20.03.2023, 06.05.2023, 11.7.2023, 06.01.2023, 08.02.2023, 16.08.2023, 01.12.2023, 07.12.2023, 09.11.2023, 24.11.2023, 25.11.2023, 27.11.2023, 29.11.2023, 30.11.2023, 12.12.2023, 09.09.2023, 26.09.2023, 24.05.2023, 07.03.2023, 08.05.2023, 3.7.2023, 03.08.2023, 05.09.2023, 11.08.2023, 09.10.2023, 10.10.2023, 11.10.2023,	41	1450	-

		13.10.2023, 08.12.2023, 17.11.2023, 29.05.2023, 04.10.2023, 06.10.2023			
3.	Media coverage				-
4.	Training for extension functionaries	-	-	-	-

Technical Feedback on the demonstrated technologies (if any)

Sl. No	Crop	Feed Back
1	Paddy (Sabour Hira)	Long duration, high yield, resistance to lodging, resistance to bacterial leaf blight and shith blight.
2	Paddy (Sabour Sona)	Medium duration, good aroma, resistance to bacterial leaf blight and shith blight, medium grain size. Suitable for medium land.
3	Paddy (Nano urea)	Difficult to spraying , early stage due to regular and high rain fall during the rainy season.
4	Finger Millet	Kishanganj receive high rain fall during kharif season. So, difficult to cultivation of finger millet during kharif season.

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

(During Kharif, Rabi and Summer)

1. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha) 7 years	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Mustard Rabi 2022-23	Local (Lotaniya Sarso)	6.8	487	445	520	R- Suflam, Pendimethyline, Sulpher	75	30	9.5	7.75	8.90	-31.12	-20.88	-40.67
2	Mustard Rabi 2023-24	Local (Lotaniya Sarso)	6.8	487	445	520	DRMR-150-35, PSB and Azotobactor	75	30	Result awaited (Flowering stage)					
3	Green Gram Summer 2022-23	Local	4.10	360	285	790	IPM 205-7, Pendimethyline, rhizobium, Boron, imidacloprid	50	20	6.25	5.8	6.0	-16.67	-13.67	-50

2. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	R- Suflam, Pendimethyline, Sulpher (2022-23)	18636	36000	17364	1.93	20111	44500	24389	2.21
2	DRMR-150-35, PSB and Azotobactor (2023-24)	Result awaited (flowering stage)							
3	IPM 205-7, Pendimethyline, rhizobium, Boron, imidacloprid	12800	34850	22050	2.72	16200	51000	34800	3.15

3. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Mustard, R-Suflam	26700	25375	50	375	950	for cultivation of paddy and other crop and lively hood	48
2	Mustard, DRMR-150-35	Result awaited (flowering stage)						
3	Green Gram, IPM 205-7	12000	11068	85	612	320	Family Expense	46

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

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	R- Suflam, Pendimethyline, Sulpher	Yes	Farmer likes variety	78%	No	Yes	Timely sowing give better result
2	Mustard, DRMR-150-35	Result awaited (flowering stage)					
3	IPM 205-7, Rhizobium, Boron, Trivum, Pendimythline	Yes	Farmer likes variety	66%	After maturity picking not properly done	Yes, upto some extent	Due to weather fluctuation yield affected

C. Specific Characteristics of Technology and Performance

Mustard (R. Suflam)

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
1. Plant Height	158 – 162 cm	101 – 104 (cm)	Higher yield in comparison to local seed
2. No. of Plant /m^2	26	17	
3. No. of seed / Pod	16	8	
4. Seed Wt.	6.21g/1000 seed	4.16/1000 seed	

Green gram (IPM 205-7)

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
1. Plant Height at 60 DAS	55 cm	42 cm	If weather favours then better yield obtained
2. No. of branches/Plant	20	16	
3. No. of Pods/Branch	18.10	14.12	
4. Seed Wt.	29.60g/1000 seed	23.46g/1000 seed	

D. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Scientific cultivation of summer green gram	28.03.2023, Kishanganj	25
2	Scientific cultivation of summer green gram	30.03.2023, Kishanganj	25
3	Cultivation of Mustard	08.11.2023, KVK, Kishanganj	44
4	Cultivation of Mustard	28.11.2023, KVK, Kishanganj	31

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

F. Farmers' training photographs

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

H. Details of budget utilization

Crop (Provide crop wise information)	**Items**	**Budget Received (Rs.)**	**Budget Utilization (Rs.)**	**Balance (Rs.)**
Mustard Rabi 2022-23	i) Critical input	79,200	1,44,000	-64,800
	ii) TA/DA/POL etc. for monitoring	18,000	9,830	8,170
	iii) Extension Activities (Field Day)			
	iv)Publication of literature			
	Total	**97,200**	**1,53,830**	**-56,630**

Crop (Provide crop wise information)	**Items**	**Budget Received (Rs.)**	**Budget Utilization (Rs.)**	**Balance (Rs.)**
Mustard Rabi 2023-24	i) Critical input	0	45,183	-45,183
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field Day)			
	iv)Publication of literature			
	Total	**0**	**0**	**-45,183**

Crop (Provide crop wise information)	**Items**	**Budget Received (Rs.)**	**Budget Utilization (Rs.)**	**Balance (Rs.)**
Green Gram Summer 2022-23	i) Critical input	35,640	1,59,662	-1,24,022
	ii) TA/DA/POL etc. for monitoring	3,960	8,035	-4,075
	iii) Extension Activities (Field Day)			
	iv)Publication of literature			
	Total	**39,600**	**1,67,697**	**-1,28,097**

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	3	32	16	48	9	9	18	3	2	5	44	27	71
Resource Conservation Technologies	3	142	0	142	0	0	0	2	0	2	144	0	144
Cropping Systems													
Crop Diversification	3	78	3	81	1	0	1	6	0	6	85	3	88
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	4	82	35	117	2	0	2	0	0	0	84	35	119
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)	5	341	8	349	28	7	35	0	0	0	369	15	384
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)	2	53	9	62	1	0	1	0	0	0	54	9	63
Training and pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													

c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post-harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													

Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
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	4	82	6	88	3	4	7	0	0	0	85	10	95
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any (Natural Farming)	3	50	19	69	3	3	6	8	0	8	61	22	83
Integrated nutrient management													
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													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	**27**	**860**	**96**	**956**	**47**	**23**	**70**	**19**	**2**	**21**	**926**	**121**	**1047**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping	2	15	25	40	4	1	5	0	0	0	19	26	45
Integrated farming													
Seed production	1	15	5	20	1	0	1	0	0	0	16	5	21
Production of organic inputs / Vermiculture													
Integrated Farming													
Planting material production													
Vermi-culture	1	7	16	23	1	1	2	0	0	0	8	17	25
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	1	28	2	30	0	0	0	0	0	0	28	2	30
Training and pruning of orchards													
Value addition													
Production of quality animal products													

Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL	**5**	**65**	**48**	**113**	**6**	**2**	**8**	**0**	**0**	**0**	**71**	**50**	**121**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Value addition													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology	1	29	1	30	0	0	0	0	0	0	29	1	30
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													
TOTAL	**1**	**29**	**1**	**30**	**0**	**0**	**0**	**0**	**0**	**0**	**29**	**1**	**30**

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	3	38	0	38	1	0	1	23	16	39	62	16	78
Resource Conservation Technologies	3	68	14	82	6	2	8	0	0	0	74	16	90
Cropping Systems													
Crop Diversification	1	28	2	30	0	0	0	0	0	0	28	2	30
Integrated Farming													
Water management													
Seed production													
Nursery management	1	25	3	28	0	0	0	0	0	0	25	3	28
Integrated Crop Management	15	354	15	369	0	0	0	30	31	61	384	46	430
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)	2	14	17	31	1	1	2	15	14	29	30	32	62
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment	3	55	6	61	4	0	4	0	0	0	59	6	65
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)	2	42	12	54	3	1	4	0	0	0	45	13	58
Training and pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													

Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post-harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management	1	4	0	4	0	0	0	13	8	21	17	8	25
Poultry Management													
Piggery Management													
Rabbit Management													

Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	1	30	0	30	0	0	0	0	0	0	30	0	30
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements	1	28	0	28	2	0	2	0	0	0	30	0	30
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management	9	221	22	243	10	3	13	0	0	0	231	25	256
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any (Natural Farming)	4	100	18	118	2	1	3	0	0	0	102	19	121
Integrated nutrient management	3	92	15	107	0	0	0	0	0	0	92	15	107
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													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	**49**	**1099**	**124**	**1223**	**29**	**8**	**37**	**81**	**69**	**150**	**1209**	**201**	**1410**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs / Vermiculture	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	6	70	16	86	10	9	19	26	18	44	106	43	149
Resource Conservation Technologies	6	210	14	224	6	2	8	2	0	2	218	16	234
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	4	106	5	111	1	0	1	6	0	6	113	5	118
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	1	25	3	28	0	0	0	0	0	0	25	3	28
Integrated Crop Management	19	436	50	486	2	0	2	30	31	61	468	81	549
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0

Others, (cultivation of crops)	7	355	25	380	29	8	37	15	14	29	399	47	446
II. Horticulture	0	0	0	0	0	0	0	0	0	0	0	0	0
a) Vegetable Crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	3	55	6	61	4	0	4	0	0	0	59	6	65
Production of low volume and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Cultivation of Vegetable)	4	95	21	116	4	1	5	0	0	0	99	22	121
Training and pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any(INM)	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0

Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairy Management	1	4	0	4	0	0	0	13	8	21	17	8	25
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any Goat farming	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Home Science/Women empowerment	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0

Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VI. Agril. Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	1	30	0	30	0	0	0	0	0	0	30	0	30
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	1	28	0	28	2	0	2	0	0	0	30	0	30
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	13	303	28	331	13	7	20	0	0	0	316	35	351
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Natural Farming)	7	150	37	187	5	4	9	8	0	8	163	41	204
Integrated nutrient management	3	92	15	107	0	0	0	0	0	0	92	15	107
VIII. Fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0

Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**76**	**1959**	**220**	**2179**	**76**	**31**	**107**	**100**	**71**	**171**	**2135**	**322**	**2457**

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Bee-keeping	2	15	25	40	4	1	5	0	0	0	19	26	45
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	1	15	5	20	1	0	1	0	0	0	16	5	21
Production of organic inputs / Vermiculture	1	7	16	23	1	1	2	0	0	0	8	17	25
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	1	28	2	30	0	0	0	0	0	0	28	2	30
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0

Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**5**	**65**	**48**	**113**	**6**	**2**	**8**	**0**	**0**	**0**	**71**	**50**	**121**

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	1	29	1	30	0	0	0	0	0	0	29	1	30
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**1**	**29**	**1**	**30**	**0**	**0**	**0**	**0**	**0**	**0**	**29**	**1**	**30**

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

Discipline	Clientele	Title of the training	Duration (Days)	Venue	Number of SC/ST			Number of participants (others)			Over all participants
					M	F	Total	M	F	Total	
Agril. Engg.	PF	Integrated nutrient management in maize crop	1	Off	2	0	2	28	0	28	30
Agril. Engg.	PF	Irrigation water management in maize crop	1	Off	0	0	0	30	0	30	30
Crop Production	PF	Millets cultivation	1	On	1	0	1	22	2	24	25
Crop Production	PF	Zero tillage wheat cultivation	1	On	2	2	4	21	2	23	27
Crop Production	PF	Mustard cultivation	1	On	1	0	1	11	14	25	26
Crop Production	PF	Millets cultivation	1	On	6	0	6	21	0	21	27
Crop Production	PF	Raised bed maize sowing	1	On	2	0	2	13	0	13	15
Crop Production	PF	Raised bed maize cultivation	1	On	0	0	0	79	0	79	79
Crop Production	PF	Raised bed maize cultivation	1	On	0	0	0	50	0	50	50
Crop Production	PF	Scientific cultivation of maize	1	On	9	9	18	0	0	0	18
Crop Production	RY	Scientific cultivation of summer green gram	2	On	1	0	1	15	5	20	21
Crop Production	PF	Scientific cultivation of finger millet and its benefits	1	Off	0	0	0	20	0	20	20
Crop Production	PF	Millets cultivation	1	Off	0	0	0	19	1	20	20
Crop Production	PF	Millets cultivation	2	Off	0	0	0	28	2	30	30
Crop Production	PF	Direct Seeding of rice	1	Off	0	0	0	30	0	30	30
Crop Production	PF	Scientific cultivation of paddy in flood prone area	1	Off	10	8	18	7	0	7	25
Crop Production	PF	Direct seeding rice	1	Off	0	0	0	28	1	29	29
Crop Production	PF	Nursery preparation and paddy transplanting	1	Off	0	0	0	25	4	29	29
Crop Production	PF	Training on Paddy transplanting	1	Off	0	0	0	23	2	25	25
Crop Production	PF	Use of leaf colour chart for fertilizer management	1	Off	0	0	0	25	2	27	27
Crop Production	PF	Use of leaf colour chart for fertilizer management	1	Off	0	0	0	24	2	26	26
Crop Production	PF	Cultivation of finger millets	1	Off	0	0	0	24	0	24	24

Crop Production	PF	Cultivation of finger millets	1	Off	14	19	33	12	0	12	45
Crop Production	PF	Crop residue management and vermicompost production	1	Off	15	14	29	4	0	4	33
Crop Production	PF	Direct seeding rice	1	Off	1	1	2	10	17	27	29
Crop Production	PF	Scientific cultivation of summer green gram	1	Off	0	0	0	24	1	25	25
Crop Production	PF	Cultivation of summer green gram by Zero tillage	1	Off	0	0	0	50	0	50	50
Crop Production	PF	Scientific cultivation of summer green gram	1	Off	6	4	10	15	0	15	25
Crop Production	PF	Catch the water harvest	1	Off	6	0	6	24	2	26	32
Crop Production	PF	Importance and benefit of land levelling	1	Off	0	0	0	26	3	29	29
Crop Production	PF	Direct sowing of paddy	1	Off	0	2	2	18	9	27	29
Crop Production	PF	Direct Seeding of rice	1	Off	0	0	0	26	0	26	26
Crop Production	PF	Weed management in paddy	1	Off	10	9	19	6	0	6	25
Crop Production	PF	Cultivation of paddy by drum seeder and broadcasting method	1	Off	14	7	21	6	0	6	27
Crop Production	PF	Cultivation of finger millets	2	Off	0	0	0	28	2	30	30
Crop Production	PF	Nursery prepration for paddy	1	Off	0	0	0	25	3	28	28
Crop production	PF	Raised bed wheat cultivation	1	On	0	0	0	27	0	27	27
Crop production	PF	Cultivation of finger millets	1	On	0	0	0	16	1	17	17
Crop production	PF	Cultivation of Mustard	1	On	0	0	0	15	29	44	44
Crop production	PF	Cultivation of Mustard	1	On	2	0	2	24	5	29	31
Crop production	PF	Raised bed maize cultivation cum input distribution	1	On	20	5	25	3	7	10	35
Crop production	PF	Raised bed maize cultivation cum input distribution	1	On	1	2	3	79	0	79	82
Crop production	PF	Raised bed maize cultivation cum input distribution	1	On	0	0	0	95	0	95	95
Crop production	PF	Raised bed maize cultivation cum input distribution	1	On	7	0	7	66	0	66	73
Crop production	PF	Raised bed maize cultivation cum input distribution	1	On	0	0	0	98	1	99	99
Horticulture	PF	Insect and disease management in bitter gourd and ginger	1	Off	0	0	0	22	3	25	25
Horticulture	PF	Production technique of vermicompost	1	Off	4	0	4	8	2	10	14

Horticulture	PF	Bitter gourd intercropping with ginger cultivation	1	Off	0	0	0	24	5	29	29
Horticulture	PF	Bitter gourd intercropping with ginger cultivation	1	Off	3	1	4	18	7	25	29
Horticulture	PF	Ginger-Bitter gourd intercropping	1	Off	0	0	0	25	1	26	26
Horticulture	PF	Use of lactofeed for cow (milk production)	1	Off	13	8	21	4	0	4	25
Horticulture	PF	Vegetable cultivation in Nutri garden under NARI	1	On	0	0	0	22	8	30	30
Horticulture	PF	Scientific cultivation of cucurbits	1	On	1	0	1	31	1	32	33
Horticulture	RY	Gardener	3	On	0	0	0	28	2	30	30
Plant Protection	PF	Preparation and use of beejamrit, jevvamrit etc	1	On	3	3	6	23	1	24	30
Plant Protection	RY	Ex trainees training beekeeper on beekeeping	1	On	1	1	2	5	16	21	23
Plant Protection	RY	Beekeeping and production of honey	3	On	3	0	3	10	9	19	22
Plant Protection	PF	Integrated nutrient management in maize wheat	1	Off	0	0	0	30	0	30	30
Plant Protection	PF	Green mannuring for improvement of soil fertility by sesbania	1	Off	0	0	0	25	2	27	27
Plant Protection	PF	LCC based nutrient management in paddy	1	Off	0	0	0	37	13	50	50
Plant Protection	PF	Insect Pest Management in mustard	1	Off	2	0	2	28	0	28	30
Plant Protection	PF	Insect management of Rabi oilseed and pulses crop	1	Off	0	0	0	20	0	20	20
Plant Protection	PF	Insect management of Rabi maize	1	Off	5	0	5	24	1	25	30
Plant Protection	PF	Insect management in Rabi Maize	1	Off	0	0	0	29	1	30	30
Plant Protection	PF	Fruitfly management in cucurbit vegetable	1	Off	3	3	6	15	4	19	25
Plant Protection	PF	Insect and disease management in paddy	1	Off	0	0	0	19	3	22	22
Plant Protection	PF	Fruit and shoot borer management in brinjal	1	Off	0	0	0	20	5	25	25
Plant Protection	PF	Insect and weed management in paddy	1	Off	0	0	0	42	8	50	50
Plant Protection	PF	Insect and disease management in paddy	1	Off	0	0	0	24	0	24	24
Plant Protection	PF	Natural/Organic Farming	1	Off	0	0	0	31	3	34	34
Plant Protection	PF	Prepration of Beejamrit, Jeevamrit for natural farming	1	Off	2	1	3	25	2	27	30
Plant Protection	PF	Prepration of Beejamrit, Jeevamrit for natural farming	1	Off	0	0	0	22	6	28	28

Plant Protection	PF	Prepration of Beejamrit, Jeevamrit for natural farming	1	Off	0	0	0	22	7	29	29
Plant Protection	PF	Insect management in summer moong	2	On	0	0	0	19	1	20	20
Plant Protection	PF	Training on millets cultivation	1	On	0	0	0	35	1	36	36
Plant Protection	PF	Insect and weed management in paddy	2	On	3	4	7	12	1	13	20
Plant Protection	PF	Insect and disease management in paddy	1	On	0	0	0	25	2	27	27
Plant Protection	PF	Insect management in brinjal	1	On	0	0	0	26	2	28	28
Plant Protection	PF	Use of beejamrit, jeevamrit etc in Natural farming	1	On	8	0	8	17	1	18	26
Plant Protection	PF	Prepration of Beejamrit, Jeevamrit for natural farming	1	On	0	0	0	10	17	27	27
Plant Protection	EF	Scientific cultivation of kharif paddy	2	On	0	0	0	29	1	30	30
Plant Protection	RY	Vermicompost production technique	2	On	1	1	2	7	16	23	25
		Total	**93**		**182**	**104**	**286**	**2053**	**269**	**2322**	**2608**

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	
Beekeeper (RPL)	Beekeeper	Beekeeper	10	10	20	30	-	-	-	-

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

I) Sponsored Training Programmes

Sl. No.	Title	Thematic Area	Month	Duration (Days)	Clientale	No. of courses	No. of Participants									Sponsored Agency
					PF/ RY /EF		Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total
1	Training programme on dragon fruit	Promotion of dragon fruit	February	5	PF	1	30	0	0	0	0	0	30	0	0	30	ATMA, Madhepur

2	Training programme on dragon fruit	Promotion of dragon fruit	March	5	PF	1	29	1	0	0	0	0	29	1	0	30	ATMA, Samastipur
3	Production technique for oilseed for Extension Funtionaries under TRFA programme	ICM	March	1	EF	1	94	0	0	4	0	0	98	0	0	98	DAO, Kishanganj
4	Scientific cultivation of paddy and millets	ICM	May	1	PF	1	90	4	0	19	2	0	109	6	0	115	ATMA, Kishanganj
5	Nursery management & scientific cultivation of kharif paddy and insect disease management	ICM	June	1	PF	1	79	0	0	11	0	0	90	0	0	90	ATMA, Kishanganj
6	Training on beneficial and harmful insect	Crop Management	July	1	PF	1	40	0	0	0	0	0	40	0	0	40	ATMA, Kishanganj
7	Integrated Pest Management	IPM	July	1	PF	1	40	0	0	0	0	0	40	0	0	40	ATMA, Kishanganj
8	Insect and disease management in paddy	Crop Management	July	1	PF	1	40	0	0	0	0	0	40	0	0	40	ATMA, Kishanganj
9	Insect and disease management in paddy	IPM & IDM	August	2	PF	1	19	3	0	3	5	0	22	8	0	30	ATMA, Kishanganj
10	Weed Management in Maize, Paddy and Wheat	Weed Management	August	1	PF	1	40	0	0	0	0	0	40	0	0	40	ATMA, Kishanganj
11	Insect and disease management in paddy	IPM & IDM	September	1	PF	1	38	0	0	2	0	0	40	0	0	40	ATMA, Kishanganj
12	Insect pest management in rabi crop	IPM	October	1	PF	1	122	2	0	8	3	0	130	5	0	135	ATMA, Kishanganj
13	Beekeeping	Beekeeping	November	3	RY	1	10	5	0	10	0	0	20	5	0	25	DHO, Kishanganj

14	Jute cultivation		December	1	PF	1	25	0	0	0	0	0	25	0	0	25	DAO, Kishanganj
							696	**15**	**0**	**57**	**10**	**0**	**753**	**25**	**0**	**778**	

J. Information on ASCI Skill Development Training Programme funded by ICAR undertaken during 2023

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

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

Total no of training organised	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
1	Beekeeper (RPL)	Beekeeper	**80**	**2**	**2**	**0**	**0**	**8**	**18**	**10**	**20**	**30**	**Rs. 61070**

3.5. A. ACHEVEMENTS OF EXTENSION/OUTREACH ACTIVITIES

(Including activities of FLD Programmes)

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Kisan Mela organized	0	0	0	0	0	0	0	0	0	0	0
Kisan Mela	2	5875	2486	8361	18	246	85	331	6121	2571	8692
Field Day	8	458	115	573	6	35	4	39	493	119	612
KisanGhosthi other than KisanChaupal	0	0	0	0	0	0	0	0	0	0	0
Exhibition organized	0	0	0	0	0	0	0	0	0	0	0
Participation in exhibition	1	1523	425	1948	5	8	5	13	1531	430	1961
Film Show	0	0	0	0	0	0	0	0	0	0	0
Method Demonstrations	2	95	23	118	4.5	12	2	14	107	25	132
Farmers Seminar	0	0	0	0	0	0	0	0	0	0	0
Workshop	0	0	0	0	0	0	0	0	0	0	0
Group meetings	12	348	18	366	3.52	6	2	8	354	20	374
Lectures delivered as resource persons	22	486	35	521	6.35	12	4	16	498	39	537
Advisory Services	486	461	25	486	4.885	18	2	20	479	27	506

Scientific visit to farmers field	18	216	8	224	9.3	8	3	11	224	11	235
Farmers visit to KVK	38	269	32	301	12.31	23	1	24	292	33	325
Diagnostic visits	4	73	24	97	2.1	4	2	6	77	26	103
Exposure visits	3	254	45	299	7.8	4	3	7	258	48	306
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0	0
Soil health Camp	1	356	24	380	8.3	4	1	5	360	25	385
Animal Health Camp	0	0	0	0	0	0	0	0	0	0	0
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	0	0	0	0	0	0	0	0	0	0	0
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	0	0	0	0	0	0	0	0	0	0	0
MahilaMandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0
Special day celebration	0	0	0	0	0	0	0	0	0	0	0
Sankalp Se Siddhi	3	234	54	288	10.53	4	2	6	238	56	294
Swatchta Hi Sewa	18	849	246	1095	2.65	37	24	61	886	270	1156
Celebration of important date	26	898	229	1127	2.826	135	35	170	1033	264	1297
Other	0	0	0	0	0	0	0	0	0	0	0
Total	**644**	**12395**	**3789**	**16184**	**3.5**	**556**	**175**	**731**	**12951**	**3964**	**16915**

B. Other Extension/content mobilization activities

Nature of Extension Activity	No. of activities
Newspaper coverage	43
Radio talks	04
TV talks	00
Popular articles	06
Extension Literature	09
Electronic media	02
Animal health camp	00
Any other	00

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	6	2	8	22	03	25	28	5	33

National Science Day (28th Feb)	1	0	50	50	03	01	04	03	51	54
International Women's Day (8th Mar.)	1	0	32	32	02	04	06	02	36	38
World Water Day (22nd March)	1	10	20	30	02	01	03	12	21	33
Ambedkar Jayanti (14th Apr.)	1	04	0	04	07	01	08	11	01	12
World's Veterinary Day (Last week of April)	1	38	22	60	03	02	05	41	24	65
World 'Milk Day (01st June)	1	29	01	30	03	02	05	32	03	35
World Environment Day (05th June)	1	98	20	118	05	0	05	103	20	123
International Yoga Day (21st Jun.)	1	04	0	04	07	01	08	11	01	12
ICAR Foundation Day 16th July	1	64	03	67	05	01	06	69	04	73
Independence Day (15th Aug.)	1	08	02	10	22	03	25	30	05	35
Parthenium Awareness Week (16th to 22nd Aug.)	1	37	13	50	10	01	11	47	14	61
Hindi Diwas (14th Sep.)	1	04	0	04	07	01	08	11	01	12
Rastriya Poshan Maha (Sep.)	2	50	19	69	03	00	03	53	19	72
Gandhi Jayanti (2nd Oct.)	1	08	01	09	04	02	06	12	03	15
Mahila Kisan Diwas (15th Oct.)	1	22	0	22	02	01	03	24	01	25
World Food Day (16th Oct.)	1	20	01	21	01	02	03	21	03	24
Vigilance Awareness Week	1	28	01	29	03	01	04	31	02	33
National Unity Day (31st Oct.)	1	29	01	30	03	02	05	32	03	35
World Science Day (10th Nov.)	1	24	08	32	03	01	04	27	09	36
National Education Day (11th Nov.)	1	27	0	27	02	01	03	29	01	30
Fisheries day (21 Nov)	1	119	07	126	02	01	03	121	08	129
National Constitution Day (26th Nov.)	1	117	08	125	01	01	02	118	09	127
World Soil Day (5th Dec.)	1	115	05	120	03	01	04	118	06	124
Kisan Diwas (23rd Dec.)	1	37	13	50	10	01	11	47	14	61
Any other day	**26**	**898**	**229**	**1127**	**135**	**35**	**170**	**1033**	**264**	**1297**

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

Sl. No.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/ Others	Total
1	27.02.2023	PM Live telecast programme (Krishi Samman Nidhi Programme)	Hon'ble PM Telecast	40	8	2	50
2	18.03.2023	PM Live telecast programme on awareness-cum-goshti on millet	Hon'ble PM Telecast	72	8	1	81
3	30.04.2023	PM Live telecast programme on 100th episode of mann ki baat	Hon'ble PM Telecast	63	8	1	72
4	06.05.2023	Interation with Central Agricultural Minister	Hon'ble Ag. Minister	25	6	2	33
5	08.06.2023	Malnutrition eradication programme at DKAC enaugration by H'onble Agriculture Minister, GoB	Hon'ble Ag. Minister, GoB	265	6	4	275
6	27.07.2023	Live telecast of PM-KISAN Programme	Hon'ble PM Telecast	147	14	2	163
7	13.10.2023	Kisano se baat mantri ke sath online programme with Ag. Minister, GoB	Hon'ble Ag. Minister, GoB	17	14	3	34
8	15.11.2023	PMKS nidhi 15th installment fund transfer Telecast	Hon'ble PM Telecast	114	8	2	124
		Total		**743**	**72**	**17**	**832**

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							
Paddy	Sabour Sampann	135.6	501720				
Wheat	HD-2967	51.00	204000				
Maize	Bahubali	13.75	22000				
Buckwheat	Himpriya	0.20	1600				
Oil seed							
Mustard	RH 725	1.00	12000				
Pulses	--	--	--				
Green Manure	--	--	--				
Commercial crop	--	--	--				
Vegetables							
Capsicum		0.75	3000				
Potato	Ucmap, Baddi Allo, Pokhraj	12.00	21600				
Fodder	--	--	--				
Spices	--	--	--				
Fruits							
Makhana	Sabour Makhana	6.60	118800				
Forest crop	--	--	--				
Ornamental/flower	--	--	--				
Medicinal	--	--	--				
Grand Total		**220.90**	**884720.00**				

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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
Dragon Fruit	Rosa	1515	60600				
Grand Total		**1515**	**60600**				

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	--	--	--				
Others (Pl. specify)	--	--	--				
Small ruminants							
Sheep	--	--	--				
Goat	--	--	--				
Other, please specify	--	--	--				
Poultry							
Broilers	--	--	--				
Layers	--	--	--				
Duals (broiler and layer)	--	--	--				
Japanese Quail	--	--	--				
Turkey	--	--	--				
Emu	--	--	--				
Ducks	--	--	--				
Others (Pl. specify)	--	--	--				
Piggery							
Piglet	--	--	--				
Hog	--	--	--				
Others (Pl. specify)	--	--	--				
Rabbitry							
Fisheries							
Indian carp	--	--	--				

Exotic carp	--	--	--				
Mixed carp	--	--	--				
Fish fingerlings	--	--	--				
Spawn	--	--	--				
Others (Pl. specify)	--	--	--				
Grand Total	--	--	--				

H. SOIL & WATER TESTING

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

Sl. No	Name of the Equipment	Qty.
1	Shaker	1
2	Wash Bottle (500ml)	1
3	Meter	1
4	Wash Bottle (250ml)	1
5	Hot Plate	1
6	Tissue Paper	2
7	Sieve Small	2
8	Bottle Brush	1
9	Sieve Big	1
10	Test Tube Brush	1
11	Solar Plate with controller & Cable	1
12	Syringe 10ml	2
13	Manual	1
14	Syringe 5ml	2
15	Funnel	20
16	Measuring Cylinder Glass (25ml)	1
17	Breaker	20
18	Test Tube Stand	2
19	Test Tube graduated 50ml	40
20	Safety Glass (Google)	1
21	Glass Test Tube (50ml)	20
22	Training CD	1
23	Spoon (Small)	1
24	Software for Soil Health Card CD	1
25	Spoon (Big)	1
26	Distillation Unit glass single stage 4 Ltr	1
27	Stirring Rod (Plastic)	2
28	Soil Testing Kit	1
29	Stirring Rod (Glass)	2
30	Extra Reagent Kit	1
31	Beaker Glass 100ml	4
32	Hot Air Oven	1
33	Graduated Measuring Cylinder Glass (10ml)	1
34	Distillation Unit glass single stage 4 Ltr	1

35	Graduated Measuring Cylinder Glass (50ml)	1
36	Laptop Dell INS. 3576/821	1
37	Marker Pen 4 Colors	4
38	P.H. Meter	1
39	Note Pad	1
40	Weighing Balance 0.5 GSM	1
41	Pen	1
42	Conductivity Meter	1
43	Cloth	1
44	Microprocessor based Spectrophotometer	1
45	Gloves	1
46	Reagent Brown Bottle Glass (125ml)	2
47	Weighing Balance	1

b. Details of samples analyzed so far

Total number of soil samples analyzed till now		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
0	12	12

c. Detail of Soil, Water and Plant analysis at KVK (2023)

Sl.	Analysis	No. of Samples analyzed	No. of Villages covered	No. of Farmers benefitted	Amount realized (Rs.)
1.	Soil	12	05	12	0
2.	Water	02	0	0	0
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
1	01	10	124	04	Izharul Hussain - MLA Kishanganj, Dr Md Jawaid, MP, Kkishanganj, Shri Tushar Singla, District Magistrate, Kishanganj, Sri K. N. Chakarwarti, DAO, Kishanganj	128

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: NA

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

2. Quality Seed Production of Pulses

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2023	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Rabi 2023	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--
Summer/Spring 2023	--	--	--	--	--	--
	--	--	--	--	--	--
	--	--	--	--	--	--

3. Financial Progress

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

4. Infrastructure Development

Item	Progress
Seed processing unit	--
Seed storage structure	--

Nursery	--
Animal sector	--
Mushroom / other enterprises	--
Others	--

3.6 PUBLICATIONS, HUMAN RESOUSES DEVELOPMENT & AWARDS & RECOGNITION

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

S.No	Item	Details of publication bibliographic form	NASS Rating
1	Research paper		

B. Details of Other Publications

Particulars	Details of publication bibliographic form	No of copies published (if any)	No of copies distributed (if any)
Seminar/conference/ symposia papers			
Books	Hemant Kumar Singh, Rajeev Singh (2023)/Nutrient management in vegetable crops, ISBN No.-978-81-896021-7-4, PP-134	10	5
Book Chapter	Rajeev Singh (2023)/ Financial Management in Agriculture, ISBN No. 981-81-896021-7-3, Pg No.-26-36		
	Rajeev Singh (2023)/ Corperative Management in Agriculture, ISBN No. 981-81-896021-7-3, Pg No.-37-44		
	Rajeev Singh (2023)/ Primary Agricultural credit societies, ISBN No. 981-81-896021-7-3, Pg No.-45-54		
	Rajeev Singh (2023)/ Digital Financial Platforms, ISBN No. 981-81-896021-7-3, Pg No.-55-65		
	Rajeev Singh (2023)/ Digital Wallets, ISBN No. 981-81-896021-7-3, Pg No.-66-94		
Popular articles			
success story			
Bulletins			
Agro-advisory bulletins			
Extension Folders			
Technical reports			
News letter			
Electronic Publication (CD/DVD etc)			

TOTAL			

C. Details of HRD programmes undergone by KVK personnel

Sl. No.	Name of KVK personnel and designation	Name of course/training program attended	Date and Duration	Organizer/Venue
1.	Dr. Rajeev Singh, Senior Scientist and Head	Evolving Extension Science towards Secondary Agriculture for Sustainable Development	22-24th June, 2023	UAS, Bengaluru

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

Type of attachment	No of student trained	No of days stayed
RAWE	34	180

E. Awards/Recognition

Institutional Award received by KVK

Sl. No.	Name of the Award	Conferring Authority	Amount	Purpose
1.	Best stall Award-2023	BAU, Sabour	-	Best stall in Kisan Mela- 2023

Award received by KVK Scientists

Sl.	Name of the Award	Name of the Scientist	Value in Amount/	Purpose	Conferring Authority
1	Best Performer of the KVKs Nodal Officer Award	Dr. Hemant Kumar Singh	-	Best Performer of as a Nodal Officer NICRA project	ICAR

Award received by Farmers

Sl.	Name of the Award	Name of the Farmer	Address	Contact No.	Aadhar No.	Amount	Purpose	Conferring Authority
	Millionaire Horticulture Farmer of India	Jaimini Krishna	Thakur ganj , Kishanganj	7768897222	369553866263	-	Millionaire Horticulture Farmer of India	Krishi Jagran

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
	Twisting Technique for crop regularization in Guava	After canopy management by pruning, the new branches are twisted in a specific way in the twisting (massage) technique of the guava, and multiple blooms appear from each leaf	This technology adopted in 245 Acer area in Kishanganj district.	--

		node of the twigs. A large crop of massage can be harvested after seven months. By using the massage method at the appropriate moment, one can therefore use this approach to obtain a good harvest as desired.		

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

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

Give details of by the farmer (if Any)

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

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

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

4. IMPACT

4.1 Impact of KVK activities till now (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Modern Dairy Management	810	41	24500 (Yearly)	32000(Yearly)
Artificial Insemination	101	48	25300 (Yearly)	68200 (Yearly)
Mushroom production	440	18	8500 (Yearly)	12600(Yearly)
Banana (G-9) Tissue Culture	260	68	40000 (Yearly)	70000 (Yearly)
HYV of late sown wheat (HD 2985)	210	23	26000/ha	35000/ha
HYV of Mustard (R-Suflam)	1512	41	8500/ha	14500/ha
HYV of Jute(JRO 204)	325	49	13000/ha	19500/ha
Vermicompost	312	22	20000 (Yearly)	60000 (Yearly)
Beekeeping	140	18	15000 (Yearly)	1,30,000 (Yearly)
Twisting Technique of Guava	190	35	24000 (Yearly)	2,04,000 (Yearly)
use of PGR in Pineapple	1202	68	60000 (Yearly)	2,22,500 (Yearly)

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

4.2. Cases of large-scale adoption (Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	**Horizontal spread**
Pineapple cultivation	15000 (ha)
Use of combined harvester	11 (no.) – 14000 (ha)

Boro paddy	2200 ha
Seed treatment	1250 ha.
Twisting Technique of Guava for crop regulation	120 ha
Organic Dragon Fruit Cultivation	8.5 ha

Give information in the same format as in case studies

4.3. Details of impact analysis of KVK activities carried out during the reporting period

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
1.	CFLD (Oilseed)	About 28 percent farmers adopted the oilseed production after the demonstration of variety RajendraSuflam since 2016-17.	Increasing agricultural production and productivity through dissemination of appropriate resource and location specific agricultural technologies.
2.	Nutritional Garden	**Nutritional Security** About 26 percent of tribal and rural women farmers growing and habited for the nutritional garden in backyard space round the year after training and demonstration under this project and awareness, training on importance of nutritional value for humain being.	Enhancement of livelihood and nutritional security of tribal communities and other rural women of family through agro-enterprise diversification.
3.	Dragon fruit	**Entrepreneurship development** Dragon fruit cultivation in Kishanganj district of Bihar was introduced in 2014 from 100 plants. Now in present time about 08 ha area covered in the district and also supply of planting materials through KVK and farmers fields for others district of Bihar and West Bengal. KVK developed the cultivation of Dragon fruit and disseminated the technology through training, demonstration and use of ICT	Enhancing of commercial fruit production in Horticulture sector and introduce the exotic fruit crops in Bihar.
4	Guava Cultivation	**Twisting Technique of Guava** Guava cultivation in Kishanganj district with set of a technology twisting technique of guava for off season production and get more income. About 04-acre area with 400 plants transplanted by farmers during 2014. Now in present time about 100 ha area cover with technology by rural youth farmers in Kishanganj district. KVK Kishanganj also disseminating the technology since 2016 after validation at KVK farm.	Validation and adaptation of technology for off season production and high yielding of guava.

4.3. **Details of entrepreneurship development**

<table>
<tr><td colspan="4">Entrepreneurship development</td></tr>
<tr><td>Name of the enterprise</td><td colspan="3">Makhana Cultivation</td></tr>
<tr><td>Name & complete address of the entrepreneur</td><td colspan="3">Sri Kshameshwar Mandal, At- Shital Nagar, Block- Kochadhaman, Kishanganj</td></tr>
<tr><td>Role of KVK with quantitative data support:</td><td colspan="3">Since 2016 KVK, Kishanganj is providing technical support to him in respect of Scientific Cultivation of Makhana. In 2020 he was provided with improved seed of Makhana i.e. SabourMakhana- 1, under Makhana Development Scheme, which has high yield and more popping percentage then local seed.</td></tr>
<tr><td>Timeline of the entrepreneurship development</td><td colspan="3">Sri Mandal was involved in rearing fish in the low laying area of public and private land since 1992. He started cultivation of Makhana in 2004 with local variety of Makhana in his low laying area of 4 ha. Now from 2016 he is getting technical support and assistance from KVK, Kishanganj for scientific cultivation of Makhana. He also exposed to the marketing of Makhana through various platforms.</td></tr>
<tr><td>Technical Components of the Enterprise</td><td colspan="3">Makhana cultivation in low laying area and introduction of improved seed of Makhana</td></tr>
<tr><td rowspan="11">Status of entrepreneur before and after the enterprise</td><td colspan="3">Before Adoption</td></tr>
<tr><td>Component</td><td>Area (acre)</td><td>Net Return (Rs.)</td></tr>
<tr><td>Paddy</td><td>4</td><td>31380</td></tr>
<tr><td>Fisheries</td><td>5</td><td>320000</td></tr>
<tr><td colspan="2">Total</td><td>351380</td></tr>
<tr><td colspan="3">After Adoption</td></tr>
<tr><td>Component</td><td>Area (acre)</td><td>Net Return (Rs.)</td></tr>
<tr><td>Paddy</td><td>4</td><td>59552</td></tr>
<tr><td>Makhana</td><td>10</td><td>530000</td></tr>
<tr><td>Fisheries</td><td>5</td><td>545000</td></tr>
<tr><td colspan="2">Total</td><td>1134552</td></tr>
<tr><td>Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):</td><td colspan="3">The scope of Makhana Cultivation is very high as there are lots of low laying pockets in his block. He is familiar in fish farming and there is enough labour available for Makhana farming and fish cultivation. The Market of the produce is also available. Under Makhana Development Scheme the farmers are provided with improved seed and are being linked to processing marketing facilities.</td></tr>
<tr><td>Horizontal spread of enterprise</td><td colspan="3">Many farmers of nearby villages started Mkahana Cultivation in low laying areas, which were not in use earlier and area under Makhana cultivation in the area is about 50 ha.</td></tr>
</table>

4.5. Success stories/Case studies, if any (two- or three-pages write-up on 1-2 best case(s) with suitable action photographs)

Success Story: 1

Name of farmer	Asammuddin
Address & Contact details (Phone, mobile, email Id)	Address: Vill- Lohadanga, Post- Belwa, Block- Kishanganj, Distt- Kishanganj Contact details: 9631793481
Assets (Landholding (in ha.)/Livestock)	05 Acre
Name and description of the farm/ enterprise	Asammuddin is a young enthusiastic farmer ready to adopt any positive technology that he sees fit for his situation. He owns 5 acres of land where he grew Paddy, maize and ginger before 2020. But after getting support from CRAP, he has diversified the cropping by growing mustard in raised bed and also practices green manuring by incorporating sesbania which he takes as summer crop. In Current year 2023, he has taken Line transplanting paddy in Kharif, Raised bed maize in Rabi and Sesbania in Summer-2022. He also grows vegetables like Brinjal and Ginger. He has also adopted Goatery as a new enterprise.
Achievement of the farmers	He has decreased the nutritional requirements of his field by green manuring thus decreasing cost of cultivation and gaining profit. He has also taken other enterprise goatery for side income.
KVK intervention (planning & Implementation)	KVK Kishanganj helped Asammuddin in obtaining good quality seeds and technology through Climate Resilient Agriculture Project. Learning from the exposure visits and training provided by the project helped him in diversifying his cropping system and also helped him in taking new enterprise such as goatery.
Impact (Economic/ Social/Environmental)	**
Outcome (Horizontal/ Vertical spread)	The farmers witnessing his success are adopting raised bed maize cropping system in adjacent areas and also some non- CRA villages.

Impact**

Economic

Impact Factor	Before 2020	In 2023
Gross Cost	309050	435430
Gross Income	467308	894560
Gross Return	158258	459130
B:C ratio	1.512079	2.05443

Social: He is receiving good attention by fellow farmers and he has gained respect as progressive farmer in his area. Many farmers ask him for advisory. He has also good repo with KVK officials and is helpful in conducting training and exposure visits to remote locations.

Environmental: By incorporating sesbania in the cropping system, dependency on chemical fertilizers has decreased to some extent.

Success Story: 2

Name of farmer	Mohammad Nuved
Address & Contact details (Phone, mobile, email Id)	Address: Village- Chhagalia, Post- Belwa, Block- Kishanganj, Distt- Kishanganj Contact details: 9341382455
Assets (Landholding (in ha.)/Livestock)	3 Acre
Name and description of the farm/ enterprise	Md. Nuved is a dynamic farmer and an entrepreneur. He saw profit in agriculture and was looking for new opportunities to upgrade his normal paddy-wheat cropping system in 2020. He came in contact of KVK Kishanganj under Climate Resilient Agriculture Programme and started growing the interventions provided by the project. He is growing paddy, raised bed mustard, and raised-bed potato obtaining good quality seeds from CRA project. As of now in 2023, he also practices new enterprises like livestock, goat rearing and poultry. Besides, he runs a custom hiring centre with 2 tractors, rotavator and some equipment from KVK like zero tillage seed drill and raised bed maize planter, etc.
Achievement of the farmers	He has successfully doubled his income in three years by taking multiple enterprises. He helps other farmers by planting maize with raised bed maize planter and zero tillage machines.

KVK intervention (planning & Implementation)	KVK helped him in setting up custom hiring centre by providing zero tillage machines and raised bed maize planters. He also received good quality seeds through CRA project and also has received a number of trainings on crop protection and management.
Impact (Economic/ Social/Environmental)	**
Outcome (Horizontal/ Vertical spread)	As a village resource person he motivates other farmers of village as well as other villages to adopt raised bed maize technology and diversifying the enterprises.

Impact**

Economic

Impact Factor	Before 2020	In 2023
Gross Cost	298500	631099
Gross Income	575895	1349290
Gross Return	277395	718191
B:C ratio	1.93	2.13

Social He is coordinator of CRA project in his village and helps farmers in planting maize at crucial times. Other farmers look up to him for assistance in cropping and disease management.

Environmental He runs multiple enterprises like goat rearing, poultry and livestock and recycles cow dung, poultry droppings for crop fields thus reducing dependency on chemical fertilizers.

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

S.No	Name of organization	Nature of linkage
1	Line department	• Providing funds for infrastructure development. • Inviting for meetings, workshops, exhibitions, Scientist-farmers interactions in districts. • Formulation of different programmes on various enterprises of farmers conducting bimonthly workshops, diagnostic surveys. • Linkages with trainees for providing subsidy through line department • Jointly organizing Animal Health Camp, Special Programme and others.
2	ATMA	• The staff of the KVK was involved in preparation of SREP. • Serving as resource person for training programme to the Extension Personnel of the line departments. • Participation in Pre-rabi and Pre-kharifmahostav as well as farmers fair in the district. • Financial support for conducting the training and refinement of technologies on farmers field.
3	IFFCO	• Training programme related to fertilizers application and uses for farmers
4	NABARD	• Providing technical support for NABARD project in Kishanganj • Formation of FPOs and Kisan Clubs in collaboration with NABARD
5	JEEVIKA	• Organizing joint group meetings of farmers and creation of SHGs groups. • Financial supports for farmers in KVK adopted villages.
6	NGOs	• Working with Many NGOs like Pradan, Rahat, Going to School and Nomi Network for developments of entrepreneurship and self-employment of rural youth. • Providing skill development training for NGOs groups and demonstration of technology in operation area.
7	BSF, SHQ, and BSF , Kishanganj	• Establishment of Nutri-garden at BSF, Sector HQ under NARI project • Awareness and sensitization programme against Wheat blast diseases in border area with BSF collaboration • To provide training programme for SSB linked farmers in border area of Kishanganj.
8	Doordarshan, Patna, AIR, Purnea	Broadcasting

5.2. Details of Externally funded project & Programmes during 2023 (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.)
CRA Programme	Demonstration of CRA technology	2022-23	Govt. of Bihar	8820000
Natural Farming	Awareness and demonstration Programme	2022-23	Govt. of India	167693
NICRA	Demonstration and awareness of climate resilient technology	2022-23	Govt. of India	906250
Makhana Development Scheme	Seed production & Training	2022-23	Govt. of Bihar	122000

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.	Vermicompost	2016	4 pit	A Foetida	Vermi compost	10.00 qt	4500	6000	
2.	Azolla Unit	2019	2 Pit	*A.pinnata*	Azolla				-
3.	Waste Decomposer	2019	2 tank	-	-				-
4.	NADEP	2019	2 tank						-
5.	Nutri-garden	2020	180	*Seasonal vegetables*	*Vegetables*				-

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Rem.
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Mustard	30.11.2022	-	0.4	RH 725	TFL	Crop is standing in the field	-	-	
Wheat	27.11.2022 to 03.12.2022	-	4.0	HD 2967	C/S		-	-	
Potato	22.11.2022	-	0.10	UC Map/ Bari Aloo/ KufriPokhraj	TFL		-	-	
Maize	24.11.2022	-	0.10	VMH 1896	Hybrid		-	-	
Buck – Wheat	29.11.2022	-	0.1	Hempriya	TFL				
Paddy	08.07.2023	20.11.2023		Sabour Samppan	C/S				
Mustard	23.11.2023	--		DRMR 150-35	T/L	Standing			
Wheat	05.12.2023	--		HD2967	F/S				
Makhana	20.12.2023	--		Sabour Makhana-1	T/L				

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.	--	--	--	--	--	--	--

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): 30

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
February, 2023	30	05	
March, 2023	30	05	
September, 2023	36	01	
Total:	**96**	**11**	

(For whole of the year)

6.7 Utilization of staff quarters

- Whether staff quarters have been completed: Yes
- No. of staff quarters: 04
- Date of completion: June – 2014
- Occupancy details:

Months	Q I (PC)	QII (FM)	Q III (TA)	QIV (TA)	Q V	QVI
January	Y	Y	Y	Y	-	-
February	Y	Y	Y	Y	-	-
March	Y	Y	Y	Y	-	-
April	Y	Y	Y	Y	-	-
May	Y	Y	Y	Y	-	-
June	Y	Y	Y	Y	-	-
July	Y	Y	Y	Y	-	-
August	Y	Y	Y	Y	-	-
September	Y	Y	Y	Y	-	-
October	Y	Y	Y	Y	-	-
November	Y	Y	Y	Y	-	-
December	Y	Y	Y	Y	-	-

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Krishi Vigyan Kendra, (CA)	SBI	Gandhi Chowk, Kishanganj(SBIN0000117)	11715398178
ProgrammeCordinator (Saving)	SBI	Gandhi Chowk, Kishanganj(SBIN0000117)	11715399727
Cfld oil seeds kvk kishanganj	SBI	Khagra Kishanganj(SBIN0018645)	42323781610
Cfld pulses kvk kishanganj	SBI	Khagra Kishanganj(SBIN0018645	42323781360
Skill devlopment training programme kvk kishanganj	SBI	Khagra Kishanganj(SBIN0018645	42327732352
Rpl/up-scaling kvk kishanganj	SBI	Khagra Kishanganj(SBIN0018645	42327730842
Natural farming kvk kishanganj	SBI	Gandhi Chowk, Kishanganj(SBIN0000117)	42021261014

7.2.Utilization of funds under CFLD on Oilseed *(Rs. In Lakhs) Up to 01.04.2023*

Item	Released by ICAR		Expenditure		Unspent balance as on - 01.04.2023
	Kharif	Rabi	Kharif	Rabi	
Mustard	0.972	--	1.5383	--	-0.5663

7.3.Utilization of funds under CFLD on Pulses *(Rs. In Lakhs) Up to 01.04.2023*

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2023
	Kharif	Rabi	Kharif	Rabi	
Green gram	--	0.396	--	1.67697	-1.28097

7.4. Utilization of KVK funds during the year 2022 (Not audited) 01.04.2023 to 31.12.2023

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	9139700	6404500	6741047
2	Traveling allowances	140000	90000	88579
3	HRD	30000	30000	6500
4	Contingencies			
A	Office Contingency	400000	400000	400000
B	Training & Training Material	700000	700000	162437
C	FLD			
D	OFT			
E	Extension Activities			
F	NARI			
G	Maintaince of Building	40000	35400	0
TOTAL (A)		**10449700**	**7659900**	**7398563**
B. Non-Recurring Contingencies				

1	SCCP-General	200000	104000	33750
2	SCSP-Capital	100000	49000	0
TOTAL (B)		**300000**	**153000**	**33750**
GRAND TOTAL (A+B)		**10749700**	**7812900**	**7432313**
C. REVOLVING FUND AS ON 31.12.2023		**50,95,993.56**		

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)
2019-20	12,16,799.06	6,62,168.00	6,12,363.00	12,66,604.56
2020-21	12,66,596.06	5,95,301.00	3,48,078.00	15,13,819.56
2021-22	15,13,819.06	31,12,648.00	4,70,092.00	41,56,374.56
2022-23	41,56,374.56	15,88,128.00	7,81,513.00	49,62,989.56
2023-24 (Upto 31 – Dec – 2023)	49,62,989.56	5,37,397.00	4,04,393.00	50,95,993.56

7.6. (i) Number of SHGs formed by KVKs : 0
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities : 05
(iii) Details of marketing channels created for the SHGs: NA

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	Both
Rabi Abhiyan	07	Rabi	Line department	ATMA, Kishanganj	Both
Karif Abhiyaan	07	Kharif	Line department	ATMA, Kishanganj	Both
World Soil Day	01	Rabi	Line department	ATMA, Kishanganj	Both
Farmers Scientist interaction	02	Rabi	Line department	ATMA, Kishanganj	Both

7.8 Revenue generation

Sl. No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Bank Interest (RF)	1,04,830.00	
Total		**1,04,830.00**	-

7.9 Resource Generation

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1	Training Hall	Engage of training during sponsored programme	Sponsored Programme	7000.00	-
2	Farmer's Hostel	Accommodation of training during sponsored programme	Sponsored Programme	3600.00	-
3	Seed Production	Quality seed	Makhana, Potato, Paddy, Wheet, Mustard Seed	293031.00	
4	Plating Material	Dragon Fruit Planting Material	Dragon Fruit Planting Material	22560.00	-
			Total	**3,26,191.00**	

8. MISCELLANEOUS INFORMATION

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
Late blight	Potato	January	18	25-30	Application of Ridomil Gold MZ 68 WG @2.5 g./lt water with interval of 7 to 8 days,
Aphid	Mustard	Jan-Feb	15	18-20	Application of Imdichloprid 17.8 % SL, @ 2ml/3lt water with interval of one week.
Fall Army Worm	Maize	December	11500	04-09	Application of Emamectin benzoate 5 SG @ 0.4 g/l of water

8.2. Prevalent diseases in Livestock/Fishery

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

8.3. Nehru Yuva Kendra (NYK) Training

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

8.4. PPV & FR Sensitization training Programme

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

8.5. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	1500
2.	No. of farmers registered in the portal	5000
3.	Mobile Apps developed by KVK	0
4.	Name of the App	-
5.	Language of the App	-
6.	Meant for crop/ livestock/ fishery/ others	-
7.	No. of times downloaded	-

8.6 Details of KVK Portal

No. of Events added by KVK	**No. of Facilities added by KVK**	**No. of filled Report on Package of Practices**				**No. of filled Profile Report**				
		Crop	Horticulture	Livestock	Fisheries	Employees	Posts	Finance	Soil Health Cards	Appliances
1367	11	11	10	-	-	-	-	-	-	-

8.7 Kisan Mobile Advisory Services/KMAS (m-Kisan Portal/National Farmers Portal/ SMS Portal)

Sl. No.	Discipline	No. of Advisories	No. of Messages (text+ videos)	Total messages	No. of Farmers
1.	Crop	10	14	24	6200
2.	Livestock				
3.	Weather				
4.	Marketing				
5.	Awareness				
6.	Enterprises				
7.	Others				
8.	Total	10	14	24	6200

8.5 Kisan Sarathi

Name of KVK	No. of Farmers Registered on Portal
KVK, Kishanganj	6085

8.6. a. Observation of Swachhta hi Sewa (2nd -31st Oct 2023)

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
03.10.2023	01	04	102	08	114

04.10.2023	01	8	27	0	35
05.10.2023	01	04	100	0	104
06.10.2023	01	8	28	0	36
07.10.2023	01	04	100	0	104
09.10.2023	01	8	23	4	35
10.10.2023	02	12	102	1	115
11.10.2023	02	15	121	6	142
12.10.2023	02	14	118	8	140
13.10.2023	01	8	13	2	23
Total	**13**	**85**	**734**	**29**	**848**

b. Observation of Swachta Pakhwada (15 Dec -31st Dec 2023)

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
18.12.2023	01	8	30	0	39
19.12.2023	01	8	30	0	39
20.12.2023	01	8	30	0	39
21.12.2023	01	8	32	1	42
28.12.2023	01	2	100	0	103
Total	**05**	**34**	**222**	**01**	**262**

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

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

8.7. Details of '*Pre-Rabi Campaign*' Programme

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

8.8. Vikisit Viksit Bharat Sanklap Yatra (LLB and ULB)

Sl.	No of events attended	No. of Gram Panchayat covered	Total no of farmer participated	No of Lecture Delivered on Soil Health/ Natural Farming
01	58	58	41918	116

8.9. 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

9. Information on Visit of Ministers 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)
06.05.2023	Sri Kailash Choudhary	Central State Minister for Agricultural and Farmers welfare	

10. List of other visitors (MP/MLA/DM/VC/Zila Parishad/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit
--	--	--

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

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

- Year: NA
- Introduction / General Information: NA

Trial Name	Area covered	Variety name	Duration	Method of planting	Sowing	Grain Yield	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	BCR
Kharif	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
Rabi	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--

11.2 Details of Tribal Sub Plan (TSP): NA

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 (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

b. Fund received under TSP in 2023-24 (Rs. In lakh): NA

c. Achievements of physical outcome under TSP during 2023: NA

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 2023: NA

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	03	66
b.	Women	-	-
c.	Rural Youths	-	-
d.	Extension Personnel	-	-
2)	OFT	No. of OFTs	No. of beneficiaries
		0	0
3)	FLD	No. of FLDs	No. of beneficiaries
		03	44
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		12	450
5)	Other activities		
a.	Participants in extension activities (No.)	63	
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.)	-	

11.4. NICRA (Technology Demonstration component)

a. Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
Vermicompost Unit	02 Pit/farmer	10	0.0027	-	-	01	-	09	-	10	-	10	

b. Crop Management / Production

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	
Makhana (Sabour Makhna-1)	07	02	0	0	0	05	0	07	0	07	
Rice (Swarna Sub-1)	12	0	0	11	10	09	0	20	10	30	
Rice (Swarna Samridhi)	12	0	0	11	10	09	0	20	10	30	
Rice (Sabour Sampann)	04	01	0	03	0	06	0	10	0	10	
Maize (P3526)		0	0	05	0	15	0	20	0	20	
Potato (K. Khyati and K. Pukhraj)	0.5	0	0	04	0	16	0	20	0	20	
Oat (Kent)	1.25	0	0	03	0	17	0	20	0	20	
Berseem (Mescavi)	01	0	0	04	0	16	0	20	0	20	
Total	**37.75**	**3**	**0**	**41**	**20**	**93**	**0**	**137**	**20**	**157**	

c. Livestock and fisheries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
Cow (lacto feed)	20	20	-	0	0	6	4	10	0	16	4	20	
Fish (Jayanti Rohu)	30000	10	-	0	0	3	0	7	0	10	0	10	
Total	**30020**	**30**		**0**	**0**	**9**	**4**	**17**	**0**	**26**	**4**	**30**	

d. Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	
-	-	-	-	-	-	-	-	-	-	-	-	-

e. Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
Crop management	04	0	0	25	32	62	0	87	32	119
INM	01	0	0	11	11	04	0	15	11	62

Weed management	01	0	0	10	09	06	0	16	09	25
IPM	01	0	0	11	10	08	0	19	08	27
Disease Management	01	0	0	08	09	12	0	20	9	29
Organic Production	01	0	0	05	08	14	0	19	08	27
Farm mechanization	01	0	0	12	15	02	0	14	15	29
Fodder production	01	0	0	02	0	24	02	26	02	28
Lacto feed Management	01	0	0	13	08	04	0	17	08	25
Total	**12**	**0**	**0**	**97**	**102**	**136**	**2**	**233**	**102**	**371**

f. Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
Farmer's Scientist Interaction	04	09	0	42	17	25	0	76	17	93
Workshop-cum-Training	01	16	0	17	28	56	0	89	28	117
Mobile Agro Advisory	23	12	0	56	14	42	0	110	14	124
Field Visit	25	18	0	87	32	78	0	183	32	215
Total	**53**	**55**	**0**	**202**	**91**	**201**	**0**	**458**	**91**	**549**

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

S.No	No. of blocks allocated	Name of blocks	No. of FPOs registered	Average no of members per FPO	No. of FPO received Management cost	No. of FPO received Equity Grant	No. of FPOs doing business
--	--	--	--	--	--	--	--

Number of commodity-based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
1	JANHIT FED FARMER PRODUCER CO. LTD.	CIN : U01110BR2021PTC052566 Dt: 25.06.2021	25.06.2021	Support in Input supply, Market linkage and capacity building	Vegetables	400	1.25	
2	LAXMI POOJA ANARAS FARMERS PRODUCER CO. LTD	10AAECL3696GIZM Dt. 26.06.2021	26.06.2021	Post Harvest Processing and Marketing	Pineapple	125	4.86	

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
16	10000 sq mt	0	100	06	165	02	185

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	**100**	**100**
Bio-fortified Crops	**0**	**0**
Value addition (in no. of Unit or no. of Enterprise)	**0**	**0**
Other Enterprises (in no. of Unit or no. of Enterprise)	0	0

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.	Mahingaon, Dodhariya, Simghiya, Kalimitta, Dekabhinga, Korathbangama, Dastarbingama, Dahuwabari, Maltola, Koratbangama, Aambari, Nasimganj, Chhapati, Pipartola, Ramjibari, Lohadanga	Kitchen Garden	100	10000	100
2.	-	Community level	-	-	-
3.	-	Terrace Garden	-	-	-
4.	-	Vertical Garden	-	-	-
TOTAL			100	10000	100

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
Mahingaon	Nutri-Garden	03	80
Dodhariya	Nutri-Garden	01	25
Lohadanga	Nutri-Garden	01	32
Chhapati	Nutri-Garden	01	28

g. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
Mahingaon	Awareness programme on Nutri-Garden	01	93
Lohadanga	Awareness programme on malnutrition	01	72

h. Details of recipe contest (if applicable)

No of events organised	Name of location/village	No. of participants
1	-	-
2	-	-

11.7Attracting and Retaining Youth in Agriculture (ARYA) : NA

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

11.8 Out-scaling of Natural Farming

a. Overall achievements

S.No	Name of Activity	No. of activities	No. of beneficiaries
1.	Awareness programme	01	25
2.	Training programme	09	241
3.	Demonstrations	12	12

b. Details of Training programmes

S.No	Name of training programme	Date	Location/ Venue	No. of beneficiaries
1	Natural and organic farming	22.03.2023	Kishanganj	23
2	Natural and organic farming	23.03.2023	Kishanganj	25

3	Natural and organic farming	22.05.2023	Kishanganj	23
4	Preparation of Beejamrit, Jeevamrit etc. for Natural Farming	06.06.2023	Kishanganj	30
5	Preparation and use of beejamrit, jevvamrit etc	02.08.2023	Kishanganj	28
6	Preparation & use of Beejamrit, Jeevamrit and ghanjeevamrit etc	02.09.2023	Kishanganj	29
7	Use of Beejamrit, Jeevamrit in Natural Farming	12.10.2023	Kishanganj	26
8	Preparation and use of beejamrit, jevvamrit etc	16.11.2023	Kishanganj	27
9	Preparation and use of beejamrit, jevvamrit etc	02.12.2023	Kishanganj	30

c. Details of Awareness programmes

S.No	Name of Activity	Date	Location/Venue	No. of beneficiaries
1	Awareness Programme on Natural Farming	23.05.2023	Kishanganj	25

e. Details of Demonstrations

S.No	Name of Crop	Location of Demo.	Area of Demo.
1	Green Gram (Virat)	KVK, Kishanganj	0.5 Acre
2	Paddy (Sabour Sampann)	KVK, Kishanganj	0.5 Acre
3	Wheat (HD- 2967)	KVK, Kishanganj	0.5 Acre
4	Banana (Malbhog)	Khanabari, Thakurganj, Kishanganj	01 Acre
5	Capsicum (Indra)	Balubari, Thakurganj, Kishanganj	01 Acre
6	Dragon Fruit (Rosa/Siam Red)	Thakurganj, Kishanganj	03 Acre
7	Pineapple (Kew)	Gilhabari, Pothia, Kishanganj	03 Acre

11.9 District Agro Meteorological Unit (DAMU) : NA

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
--	--	--	--	--	--	--
--	--	--	--	--	--	--
--	--	--	--	--	--	--

11.10 KSHAMTA

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

11.11 Agri-Drone

S.No	Name on the project implementation center (PIC)	No. of kisan drones sanctioned	No. of kisan drones purchased by the PIC	Procurement of no of drones in process	Area covered under the kisan drone demonstration (ha)	No. of demonstration conducted	No. of Pilot training proposed	No. of Pilot training conducted
1		1	1	1	0	0	2	0

11.12 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.	--	--	--	--	--	--	--	--

11.13 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					

11.14 Any other programme organized by KVK, not covered above

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants

Climate Resilient Agricultural Programme:

Season	Crop	Variety	Intervention	Area (in acre)	No. of Demo
Summer 2023	Green Gram	IPM 205 - 07	Zero Tillage	10	18
Summer 2023	Ginger + Bitter Gourd	(R-Sonia + Little Champ)	Inter Cropping	15	36
Summer 2023	Sesbania	Local	Broadcasting Method	250	250
Kharif 2023	Paddy	Sabour Sampann	DSR / Transplanter	320	320
Kharif 2023	Paddy	Sabour Sampann	AWD	40	40
Kharif 2023	Paddy	Sabour Sampann	Water Harvesting	100	100
Kharif 2023	Paddy	Sabour Sampann	INM	100	100
Rabi 2023 - 24	Wheat	HD-2967	Raised bed	15	15
Rabi 2023 - 24	Wheat	HD-2967	Zero tillage	15	15
Rabi 2023 - 24	Mustard	NRCHB-101	Zero Tillage	20	20
Rabi 2023 - 24	Maize	P-3526	Raised bed	257.5	515
Rabi 2023 - 24	Maize	P-3526	Line sowing		
Rabi 2023 - 24	Maize	P-3526	INM	35	35

Rabi 2023 - 24	Potato	UC MAP and K-Pukhraj	Raised bed	3.0	10

Capacity building (under CRA)

S. No.	Details of the Program	No. of events	Male	Female	No. of Beneficiaries
1.	Training programs	31	1188	130	1318
2.	Field Days	7	374	49	423
3.	Exposure visits/ Travelling Seminars	11	672	141	813
Total		**49**	**2234**	**320**	**2554**

12 Good quality action photographs with caption in JPEG FORMAT SEPARATELY of overall achievements of KVK during the year (best 10)


कृषि विज्ञान केन्द्र, किशनगंज
आन फार्म ट्रायल
(बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर)
टी.ओ.-1

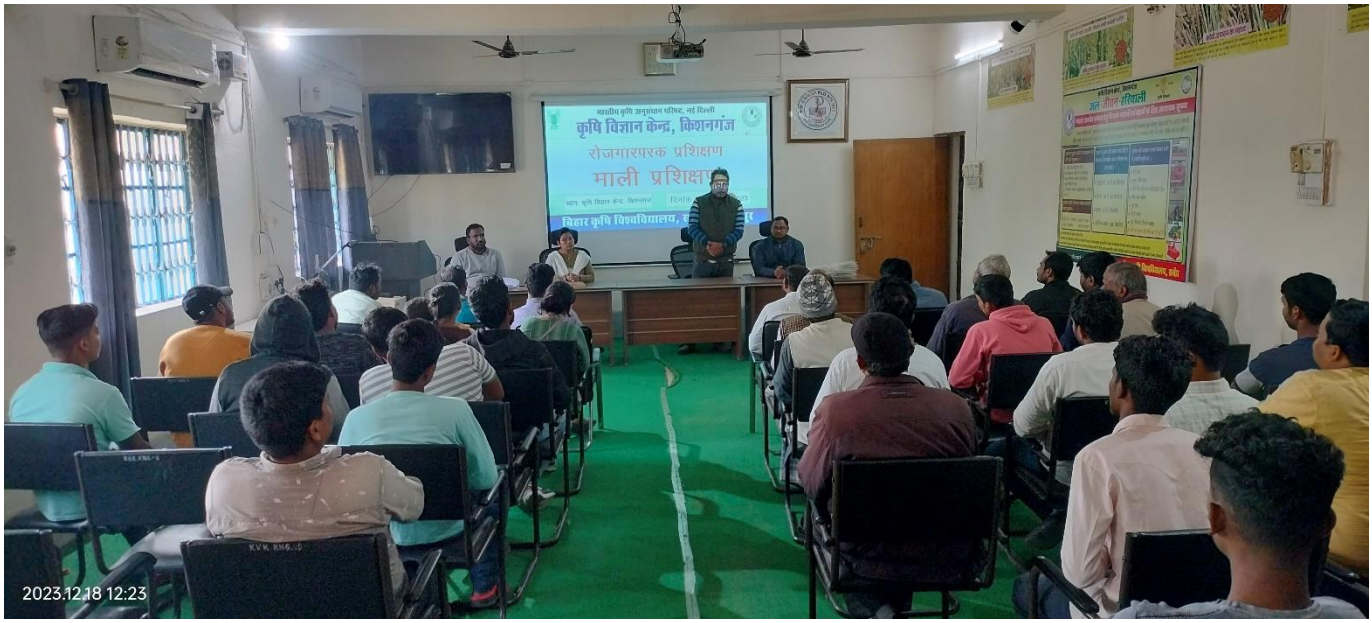

कृषि विज्ञान केन्द्र, किशनगंज
कृषकों के लिए प्रशिक्षण कार्यक्रम


भारतीय कृषि अनुसंधान परिषद, नई दिल्ली
कृषि विज्ञान केन्द्र, किशनगंज
मोटे अनाज
पर
प्रशिक्षण कार्यक्रम
MILLETS
कृषि विश्वविद्यालय, सबौर, भागलपुर


कृषि विज्ञान केन्द्र, किशनगंज
जल-जीवन-हरियाली
फसल कटनी परीक्षण


कृषि विज्ञान केन्द्र, किशनगंज
जल-जीवन-हरियाली
फसल कटनी परीक्षण
13/11/2023 12:41


कृषि विज्ञान केन्द्र, किशनगंज
(बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर)
के अन्तर्गत
क्षेत्र दिवस
25/11/2023 12:40


कृषि विज्ञान केन्द्र, किशनगंज
रोजगारपरक प्रशिक्षण
माली प्रशिक्षण
2023.12.18 12:23

***