

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Tingachhiya, Katihar			katiharkvk@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Bihar Agricultural University, Sabour, Bhagalpur, Bihar	0641- 2452606	0641- 2452614	vcbausabour@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Reeta Singh	KVK, Katihar	9931312288	katiharkvk@gmail.com

1.4. Year of sanction of KVK: F.No. 4-4/95/AE-1 Dated 27th Feb 2004.

1.5. Staff Position (as on 31st December 2022)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/OBC/Others)
1	Senior Scientist& Head	Dr. Reeta Singh	Sr. Scientist & head	Extension Education	Level -13 A / 143600	09.07.2022	Permanent	OBC
2	Subject Matter Specialist	Smt. Nandita Kumari	Subject Matter Specialist	Home Science	Level- 10	23.07.2001	Permanent	EBC
3	Subject Matter Specialist	Dr. Kamleshwari Prasad Singh	Subject Matter Specialist	Horticulture	Level- 10 /70900	10.06.2009	Permanent	OBC
4	Subject Matter Specialist	Dr. Sushil Kumar Singh	Subject Matter Specialist	Agronomy	Level- 10 /82200	15.06.2009	Permanent	OBC
5	Subject Matter Specialist	Sri Pankaj Kumar	Subject Matter Specialist	Extension Education	Level- 10/ 82200	16.11.2009	Permanent	EBC
6	Subject Matter Specialist							
7	Subject Matter Specialist							
8	Programme Assistant	Smt Swarn Prabha Reddy	Programme Assistant (Lab. Tech)	B. Sc. (Ag)	Level -6/ 47600	30.10.2012	Permanent	OBC
9	Computer Programmer	Sri Amarendra Kumar Vikas	Programme Assistant (Computer)	M.Sc. (IT)	Level -6/ 46200	13.05.2013	Permanent	Gen
10	Farm Manager	Sri Om Prakash Bharti	Farm Manager	B.Sc. (Ag)	Level -6/ 47600	05.11.2012	Permanent	EBC
11	Accountant / Superintendent	Sri Mukesh Kumar	Assistant	M.B.A. (Finance)	Level -6/ 46200	09.04.2013	Permanent	EBC
12	Stenographer	Sri Biswajit Datta	Stenographer	B.Sc. (Chemistry)	Level -4/ 33300	21.06.2013	Permanent	Gen
13.	Driver	Sri Ram Jee	Driver	Matric	Level -2/ 27600	09.05.2015	Permanent	OBC
14.	Driver	Sri Manoj Kumar Prajapati	Driver	Matric	Level -2/ 27600	12.05.2015	Permanent	Gen
15.	Supporting staff							
16.	Supporting staff							

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.50
2.	Under Demonstration Units	0.50
3.	Under Crops	4.0
4.	Orchard/Agro-forestry	1.20
5.	Others with details	12.80
Total		20.00

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					✓	280	Under use	ICAR
2.	Farmers Hostel					✓	400	Under use	ICAR
3.	Staff Quarters (6)					✓	460	Under use	ICAR
4.	Piggery unit	✓							
5	Fencing	✓							
6	Rain Water harvesting structure	✓							
7	Threshing floor					✓	740	Under use	ICAR
8	Farm godown					✓	1400	Under use	ICAR
9.	Dairy unit	✓							
10.	Poultry unit								
11.	Goatry unit					✓	24	Under use	ICAR
12.	Mushroom Lab					✓	150	Under use	ICAR
13.	Mushroom production unit					✓	25	Under use	ICAR
14.	Shade house					✓	84	Under use	ICAR
15.	Soil test Lab					✓	147	Under use	ICAR
16	Others, Please Specify								
	Vermi Compost Unit					✓	28	Under use	RKVY
	Azolla unit					✓	02	Under use	RKVY

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs. In lakh)	Total km. Run	Present status
Bolero (BR 39AP2391)	2019	8.00	29659	Good Condition
Tractor (BR 39A 8220)	2005	5.00	25 hours	Not in good condition
Tractor(BR 39GA 9228)	2020	9.90	315 hours	Good Condition
Motor Cycle (BR39R 4065)	2015	0.60	1390	Good Condition
Motor Cycle(BR39R 4066)	2015	0.60	989	Good Condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
A. Lab equipment				
SPM 509 stabilizer 5KVA	2017	12495/-	Good	RKVY
Bio Metric Machine	2017	5000/-	Good	BSDM
Mini Soil Kit	2017	76000/-	Good	ICAR
Mrida Parikshak Kit	2015	75000/-	Good	ICAR
Bunsen Burner for LPG Gas	2014	350/-	Good	ICAR
Muffle Furnace 4''X4''X9'' Chamber Size Make TANCO	2014	19500/-	Good	ICAR
Viscometer Ostwald glass	2014	350/-	Good	ICAR
Max-Min Thermometer	2014	1350/-	Good	ICAR
Hygrometer Make- Imported Digital	2014	3745/-	Good	ICAR
Automatic Vortexing Machine Cyclo Mixer TANCO make	2014	4500/-	Good	ICAR
Grinder	2014	30000/-	Good	ICAR
Spectrophotometer Bulb	2014	852/-	Good	ICAR
Spectrophotometer	2014	50394/-	Good	ICAR
Mechanical Shaker	2013	29000/-	Good	ICAR
Electronic Balance	2013	68000/-	Good	ICAR
PH meter	2013	14245/-	Good	ICAR
Flame Photometer	2013	39770/-	Good	ICAR
Hot Air Oven	2013	21500/-	Good	ICAR
Hot Plate	2013	8500/-	Good	ICAR
Digital Conductivity meter	2013	10000/-	Good	ICAR
Double Distillation Unit	2013	40000/-	Good	ICAR
Weighing Machine	2013	8925/-	Good	ICAR
kieltron Automatic Nitrogen estimate system(Digestive System)	2013	59600/-	Good	ICAR
kieltron Automatic Nitrogen estimate system(Distillation System)	2013	92400/-	Good	ICAR
Reagent Bottle with stopper 250 ml.	2014	1525/-	Good	ICAR
Reagent Bottle with stopper 500 ml.	2014	1650/-	Good	ICAR
Bottle Glass Amber 500 ml.	2014	3000/-	Good	ICAR
Bottle Glass Amber 250 ml.	2014	2550/-	Good	ICAR
Wash Bottle 250 ml	2014	4210/-	Good	ICAR
Wash Bottle 500 ml	2014	800/-	Good	ICAR
Burettes Automatic 0.2	2014	5050/-	Good	ICAR
Cylinder graduate 50 ml	2014	6100/-	Good	ICAR
Cylinder graduate 100 ml	2014	3500/-	Good	ICAR
Cylinder graduate 500 ml	2014	4225/-	Good	ICAR
Desiccated with Apx-1D200 mm	2014	12730/-	Good	ICAR
Desiccatedevaporators flat Bottle ML	2014	1920/-	Good	ICAR
Flask Distilling 80X248 300ml.	2014	3060/-	Good	ICAR
Conical Flask 64X105 mm 100ml	2014	1700/-	Good	ICAR
Conical Flask 65X140 mm 250ml	2014	2750/-	Good	ICAR

Conical Flask 104X180 mm 500ml	2014	1500/-	Good	ICAR
Conical Flask 131X225 mm 1000ml	2014	2500/-	Good	ICAR
Volumetric Flask 25ml	2014	3800/-	Good	ICAR
Volumetric Flask 50ml	2014	4300/-	Good	ICAR
Volumetric Flask 100ml	2014	7350/-	Good	ICAR
Volumetric Flask 250ml	2014	5700/-	Good	ICAR
Volumetric Flask 500ml	2014	5700/-	Good	ICAR
Volumetric Flask 1000ml	2014	2850/-	Good	ICAR
Bulb Pipettes 5ml	2014	1100/-	Good	ICAR
Bulb Pipettes 10ml	2014	1300/-	Good	ICAR
Graduated Pipetter 2ml	2014	575/-	Good	ICAR
Graduated Pipetter 5ml	2014	625/-	Good	ICAR
Graduated Pipetter 10ml	2014	650/-	Good	ICAR
Funnel 50ml	2014	1800/-	Good	ICAR
Dispensor bottle Set	2014	9075/-	Good	ICAR
Filter Paper No.-1	2014	11850/-	Good	ICAR
Filter Paper No.-42	2014	2280/-	Good	ICAR
Glass Rod 9"	2014	400/-	Good	ICAR
Beaker 10ml	2014	1200/-	Good	ICAR
Beaker 25ml	2014	1320/-	Good	ICAR
Beaker 50ml	2014	1120/-	Good	ICAR
Beaker 100ml	2014	1160/-	Good	ICAR
Beaker 250ml	2014	1260/-	Good	ICAR
Beaker 500ml	2014	3030/-	Good	ICAR
Crrasibal 25 mm	2014	2000/-	Good	ICAR
Bottle density 25 ml	2014	3850/-	Good	ICAR
Bottle (Polythene) 20 Lt.	2014	3994/-	Good	ICAR
Bottle (Polythene) 10 Lt.	2014	4356/-	Good	ICAR
Bottle (glass) for reagent with glass stopper 100ml.	2014	5800/-	Good	ICAR
Kieldahl round bottom 20gmneck 300ml.	2014	3060/-	Good	ICAR
Automatic pipettes 0.5-10 ml	2014	5600/-	Good	ICAR
Burette (Automatic) mounted ib (Reservoir) 100ml.	2014	6825/-	Good	ICAR
Electric Oven	2020	7000	Good	GKMS
Digital Balance	2020	2760	Good	GKMS
Soil Angen	2020	5940	Good	GKMS
Soil Samplex	2020	6700	Good	GKMS
Teusiometer	2020	11864	Good	GKMS
Core Samplex	2020	2033	Good	GKMS
B. Farm machinery				
Kashi/Spade	2017	600/-	Good	BSDM Prog.
Khurpi	2017	280/-	Good	BSDM Prog.
Watering can, 10 litres	2017	967/-	Good	BSDM Prog.
Grass cutter	2017	7616/-	Good	BSDM Prog.
Lown Mover	2017	7616/-	Good	BSDM Prog.
Budding & Grafting sets	2017	520/-	Good	BSDM Prog.

Secatear	2017	680/-	Good	BSDM Prog.
Bucket	2017	660/-	Good	BSDM Prog.
Hedge cutter	2017	1050/-	Good	BSDM Prog.
Tree prunner(G)	2017	1560/-	Good	BSDM Prog.
Wheel barrow	2017	8064/-	Good	BSDM Prog.
Hand sprayer(Small & Big)	2017	5900/-	Good	BSDM Prog.
Mous grass	2017	2100/-	Good	BSDM Prog.
Fauda	2017	1020/-	Good	BSDM Prog.
kudal	2017	300/-	Good	BSDM Prog.
Ridger	2014	8000	Good	RF
Power reaper Tractor operator	2012	79500	Good	ICAR
Cultivator 9 tine	2012	17500	Good	ICAR
Power Sprayer	2012	9500	Good	ICAR
Disc Harrow 12 disc	2012	38500	Good	ICAR
Tractor operated Winnower	2012	14500	Good	ICAR
Power chain sow	2012	38500	Good	ICAR
Thresher (Multi crop)	2012	87500	Good	ICAR
Rotavator	2012	87840	Good	ICAR
Disc plough 2 disc	2012	20500	Good	ICAR
Land leveler	2011	9000	Good	RF
Hand winover	2011	4000	Good	RF
Mobile Seed processing plant	2011	970000	Good	RKVY
Tractor drawn reaper	2011	57000	Good	RKVY
Zero till seed cum fertilizer drill	2011	39480	Good	RKVY
Happy Seeder	2020	-	Good	BISA, Samastipur
Raised Bed Planter	2020	-	Good	BISA, Samastipur
Zero Tillage Machine	2020	-	Good	BISA, Samastipur
Green Seeker	2022	-	Good	BISA, Samastipur
Laser Land Leveler	2022	-	Good	BISA, Samastipur
Happy Seeder	2022	-	Good	BISA, Samastipur
Raised Bed Planter	2022	-	Good	BISA, Samastipur
Mounted Sprayer	2022	-	Good	BISA, Samastipur
Wheat seeder	2022	-	Good	BISA, Samastipur
TRACTOR (2559AU20)	2022	996151.5	Good	BISA, Samastipur
Multi Crop Thresher	2022	--	Good	BISA, Samastipur
BOD incubator	2022	157499	Good	TSP
Autoclave	2022	140401	Good	TSP
Vertical Laminar Air Flow Cabinets	2022	152500	Good	TSP
C. AV Aids				
Xerox Machine Canon	2006	1,00,000	Not in Working	ICAR
Camera (Digital)	2007	15,000	Not in Working	ICAR
TV with DVD	2007	15,000	Good	ICAR
Generator Set	2009	49,500	Good	ICAR
Computer with Accessories	2008	50000	Good	ICAR
Digital Weighing machine	2011	19500	Good	ICAR
PA System	2011	24679	Good	ICAR
Projector with Accessories	2011	99800	Good	ICAR
Camera (Digital)	2015	23,500	Good	Current
Desktop computer & Laptop	2016	82583	Good	RKVY

CCTV Camera and DVR (Accessories)	2016	21000	Good	RKVY
LED Flood Light With Stand	2016	6500	Good	RKVY
Sound System	2016	30165	Good	RKVY
Video Camera Handy cam	2016	82871	Good	RKVY
Projector with Tripod Projector Screen (Accessories)	2016	52000	Good	RKVY
Photo Copier Cum Printer (Acce)	2016	96173	Good	RKVY
Still Photographic Camera	2016	29600	Good	RKVY
SAMSUNG LED 55TV 8000 KXXL-WS	2022	69990	Good	Video conferencing (BAU, Sabour)
D) Farm implements				
Kudal	2012	190	Good	RF
Dabia	2012	180	Good	RF
Pati	2012	10	Good	RF
Khurpi	2012	110	Good	RF
Kachia	2012	40	Good	RF

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	25.06.2022	41	As given below	As given below	

* Salient recommendation of SAC in bullet form

Attach a copy of SAC proceedings along with list of participants

वैज्ञानिक सलाहकार समिति की 13वीं बैठक दिनांक 25.06.2022 की कार्यवाही का प्रतिवेदन

कृषि विज्ञान केन्द्र, कटिहार की 13वीं वैज्ञानिक सलाहकार समिति की बैठक का आयोजन डॉ अंजनी कुमार, निदेशक अटारी, जोन-IV, पटनाकी अध्यक्षता में दिनांक 25.06.2022 को कृषि विज्ञान केन्द्र, कटिहार के प्रशिक्षण कक्ष में आयोजित किया गया। इस कार्यक्रम में डॉ0 आर0 एन0 सिंह, सह निदेशक प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर, मो0 दिलनवाज अहमद, कमांडेंट, बी0एम0पी0, कटिहार, डॉ0 रीता सिंह, वरीय वैज्ञानिक एवं प्रधान, कृषि विज्ञान केन्द्र, कटिहार, जिला कृषि पदाधिकारी, कटिहार, अनुमंडल कृषि पदाधिकारी, कटिहार, प्रभारी पदाधिकारी, पाट अनुसंधान केन्द्र, कटिहार, जिला परियोजना प्रबंधक, जीविका, कटिहार, परियोजना निदेशक, आत्मा, कटिहार, डी0डी0एम0 नाबार्ड, केन्द्र के सभी वैज्ञानिक, 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 जुलाई 2022 से मई 2022 तक का प्रगति प्रतिवेदन एवं जून 2022 से दिसम्बर 2022 तक की कार्ययोजना को प्रस्तुत किया। इस बैठक में 12वीं वैज्ञानिक सलाहकार समिति की बैठक के अनुपालन प्रतिवेदन की भी समीक्षा सम्मानित सदस्यों द्वारा की गई, जिसे सदन द्वारा संपुष्ट किया गया।

मो0 दिलनवाज अहमद, कमांडेंट, बी0एम0पी0- 7, कटिहार

डॉ. अंजनी कुमार, निदेशक अटारी जोन-4, पटना

डॉ. आर. एन. सिंह, सह निदेशक प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौर

डॉ. रीता सिंह, वरीय वैज्ञानिक एवं प्रधान, कृषि विज्ञान केन्द्र, कटिहार

डॉ. वी. के. मिश्रा, प्रभारी पदाधिकारी, जूट अनुसंधान केन्द्र, कटिहार

श्री दिवाकर प्रसाद, जिला कृषि पदाधिकारी, कटिहार

श्री जितेन्द्र कुमार, परियोजना निदेशक, आत्मा, कटिहार
 श्री अमित कुमार सिन्हा, डी0डी0एम0 नाबार्ड, कटिहार
 श्री राजीव लोचन, ईफको, कटिहार
 श्री बद्रीनारायण मिश्रा, मैनेजर फार्म, जीविका, कटिहार
 डॉ. दिवाकर पासवान, कनीय वैज्ञानिक, पाट अनुसंधान केन्द्र, कटिहार
 अनुमंडल कृषि पदाधिकारी
 डॉ. सु"ील कुमार सिंह, वि.व.वि. (शष्य), कृ.वि.केन्द्र, कटिहार
 श्री पंकज कुमार, वि.व.वि. (प्रसार शिक्षा), कृ.वि.केन्द्र, कटिहार
 डॉ. रमा कान्त सिंह, वि.व.वि. (मृदा विज्ञान), कृ.वि.केन्द्र, कटिहार
 सुश्री स्वीटी कुमारी, वि.व.वि. (मौसम विभाग), कृ.वि.केन्द्र, कटिहार
 श्री मुके"ा कुमार, सहायक, कृ.वि.केन्द्र, कटिहार
 श्री ओमप्रका"ा भारती, प्रक्षेत्र प्रबंधक, कृ.वि.केन्द्र, कटिहार
 श्री अमरेन्द्र कुमार विकास, कार्यक्रम सहायक (कम्प्यूटर), कृ.वि.केन्द्र, कटिहार
 श्री वि"वजीत दत्ता, स्टेनो, कृ.वि.केन्द्र, कटिहार
 श्री धनंजय कुमार, सी0 एफ0 ए0, ईफको, कटिहार
 श्री उदय शंकर सिंह, प्रगति"ील किसान
 श्री उमे"ा कुमार, प्रगति"ील किसान
 श्री सु"ील कुमार सिंह, प्रगति"ील किसान
 श्री शा"ी कुमार सिन्हा, प्रगति"ील किसान
 श्री संजय कुमार सिंह, प्रगति"ील किसान
 श्री मुके"ा कुमार, प्रगति"ील किसान
 श्री रणजीत कुमार, प्रगति"ील किसान
 श्री उमे"ा कुमार, प्रगति"ील किसान
 श्री सु"ील कुमार सिंह, प्रगति"ील किसान
 श्री रंजीत कुमार, प्रगति"ील किसान
 श्री गौतम कुमार, प्रगति"ील किसान
 श्री राम नरेष कुमार, प्रगति"ील किसान
 श्री कीर्ति ज्योतिसम, प्रगतिशील किसान
 सुश्री मनजुसा कुमारी, प्रगति"ील किसान
 श्रीमती अनुपमा भारती, प्रगति"ील किसान
 श्रीमती पुजा कुमारी, प्रगति"ील किसान
 श्री सदानन्द मंडल, प्रगति"ील किसान
 श्री रावधेन्द्र नारायण, प्रगति"ील किसान
 श्री काली दास बनर्जी, प्रगति"ील किसान
 श्री कुमारी प्रीति, प्रगति"ील किसान
 श्रीमती सीमा सिन्हा, प्रगति"ील किसान
 श्री मनोज यादव, बीसा, कटिहार
 श्री रोहित जायसवाल, टी.ए. बीसा, कटिहार

उपस्थिति : पंजी संधारित

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

1. कार्यवाही प्रतिवेदन के साथ रिपोर्ट की सारांश का एक पन्ना जोड़ना है एवं उसे कार्यवाही प्रतिवेदन के साथ संबंधित करना है।

(अनुपालन— वरीय वैज्ञानिक एवं प्रधान)

2. बिहार कृषि विश्वविद्यालय, सबौर द्वारा निर्मित वेस्ट डिकम्पोजर के प्रभाव का अध्ययन फसल अवशेष प्रबंधन के लिए किया जाय।

(अनुपालन— वि.व.वि. (प्रसार शिक्षा))

3. समेकित कृषि प्रणाली को सुचारु ढंग से तीन महीने के अन्दर संचालित करना सुनिश्चित किया जाय।

(अनुपालन—प्रक्षेत्र प्रबंधक)

4. वर्ष 2023 को अन्तर्राष्ट्रीय मिलेट वर्ष घोषित किया गया है। कृषि विज्ञान केन्द्र द्वारा आयोजित किए जाने वाले अग्रिम पंक्ति प्रत्यक्षण में उपयुक्तता को ध्यान में रखते हुए मिलेट को शामिल किया जाय।

(अनुपालन— वि.व.वि. (शस्य))

5. नारी परियोजना में आंगनबाड़ी केन्द्र में स्थल का अभाव होने पर सार्वजनिक स्थान पर पोषण वाटिका की स्थापना की जाय। परियोजनान्तर्गत डेटा बेस का निर्माण किया जाय की जो भी खपत होगा उससे कितनी कैलोरी ग्रहण की गई एवं उससे कितने बच्चों का कुपोषण दूर हुआ।

(अनुपालन— वरीय वैज्ञानिक एवं प्रधान)

6. बी.एम.पी. कटिहार में महिला प्रशिक्षुओं को पोषण सम्बन्धी प्रशिक्षण प्रदान किया जाय, साथ ही एक पोषण वाटिका बी.एम.पी. कटिहार में स्थापित की जाय जिसमें सहजन, पपीता, केला, निंबू, मिर्च इत्यादि के पौध को वरीयता दी जाय।

(अनुपालन— वरीय वैज्ञानिक एवं प्रधान)

7. जलवायु अनुकूल कृषि कार्यक्रम में उपज ऑकड़ा कृषि विभाग के पदाधिकारियों के समक्ष प्राप्त किया जाय। साथ ही उपज परिणाम को जिले में कृषि से संबंधित विभागों को भी प्रेषित किया जाय।

(अनुपालन—वि.व.वि. (शस्य))

8. कृषि विज्ञान केन्द्र के प्रक्षेत्र पर प्राकृतिक खेती की प्रदर्शन इकाई स्थापित की जाय।

(अनुपालन— वि.व.वि. (शस्य) एवं प्रक्षेत्र प्रबंधक)

9. दूर दराज के क्षेत्र में कृषि विज्ञान केन्द्र के द्वारा माह में एक से दो प्रशिक्षण कार्यक्रम आयोजित किया जाय।

(अनुपालन— सभी वैज्ञानिकगण)

10. TSP परियोजना अन्तर्गत प्राप्त धनराशि का उपयोग प्रशिक्षण, संसाधन निर्माण हेतु भी किया जाय।

(अनुपालन— वरीय वैज्ञानिक एवं प्रधान एवं सभी वैज्ञानिकगण)

11. धान एवं गेहूं की फसल में Biofortified किस्मों को बढ़ावा देना है।

(अनुपालन— वि.व.वि. (शस्य))

12. कृषि विज्ञान केन्द्र द्वारा कृषि तकनीक के सफल या असफल होने के कारणों का अध्ययन प्रसार शिक्षा के OFT में किया जाय।

(अनुपालन— वि.व.वि. (प्रसार शिक्षा))

13. कृषि विज्ञान केन्द्र के प्रक्षेत्र में 1 हे० क्षेत्र में लगे दीर्घकालिक प्रयोग को सफलतापूर्वक सम्पादित करने एवं उपयोग होनेवाले संसाधनों के लिए BISA से अतिरिक्त धनराशि की मांग की जाय।

(अनुपालन— वरीय वैज्ञानिक एवं प्रधान, वि.व.वि. (शस्य))

14. जिले में संचालित FPO को मखाना उत्पादन प्रसंस्करण एवं विपणन हेतु तकनीकी रूप से सशक्त किया जाय।

15. अटारी, पटना द्वारा पौध उत्पादन के लक्ष्य के अनुरूप कृषि विज्ञान केन्द्र में पौध उत्पादन करना है।
(अनुपालन- वि.व.वि. (उद्यान) एवं प्रक्षेत्र प्रबंधक)

2. a. District level data on agriculture, livestock and farming situation (2022)

S.N.	Item	Information														
1	Major Farming system/enterprise	<ol style="list-style-type: none"> 1. Paddy- wheat 2. Paddy-Wheat-green gram 3. Jute- Mustard 4. Paddy-Maize 5. Mustard- Makhana 6. Paddy- Mustard- Boro paddy 7. Fish Culture 8. Bamboo Production & Processing 9. Mushroom Production& its Value added products 10. Makhana Cultivation and primary processing 11. Poultry production 12. Vermi Compost production 13. Tissue Culture Banana 														
2	Agro-climatic Zone	Zone-II (North – East Alluvial Plain) High Temperature, High Humidity, Sandy to clay soil, Flood Prone area														
3	Agro ecological situation	<p>Up land sandy soil: Suitable for maize, wheat, Banana, vegetables & fruits</p> <p>Medium Sandy loam soil:Wheat, Maize, Jute, Rice, Oil seeds, pulses, vegetable & fruits cultivation</p> <p>Low lying clay soil: Flood & water lodging condition Suitable for Boro paddy, Makhana & para cropping Diara land of Kosi, Ganga and Mahananda with sandy soil.</p> <p>Loamy soil : Suitable for Rabi Maize, wheat, oil seeds pulses & cucurbitaceous vegetable flooded during Kharif Season</p>														
4	Soil type	<p>Up land sandy soil- Suitable for vegetables wheat, maize, Banana</p> <p>Medium Loamy Soil– Well drained rich in organic carbon suited for wheat, Maize, oil seeds, pulses & vegetables</p> <p>Low lying clay soils– Suitable for Makhana, Boro paddy & fishery</p> <p>New alluvial diara land soil– Deposition of clay soil year after year good for Rabi crops.</p>														
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	<table border="1"> <thead> <tr> <th>Name of Crops</th> <th>Productivity(q/ha)</th> </tr> </thead> <tbody> <tr> <td>Rice</td> <td>41.00</td> </tr> <tr> <td>Maize</td> <td>72.00</td> </tr> <tr> <td>Wheat</td> <td>33.00</td> </tr> <tr> <td>Mustard</td> <td>12.00</td> </tr> <tr> <td>Makhana</td> <td>20.00</td> </tr> <tr> <td>Pulses (others) (lentil)</td> <td>10.80</td> </tr> </tbody> </table>	Name of Crops	Productivity(q/ha)	Rice	41.00	Maize	72.00	Wheat	33.00	Mustard	12.00	Makhana	20.00	Pulses (others) (lentil)	10.80
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		Potato	535.36																																																																																	
		Okra	200.79																																																																																	
		Jute (Fibre)	22.0																																																																																	
		Cauliflower	250.69																																																																																	
		Brinjal	600.80																																																																																	
		Banana	352.00																																																																																	
		Tomato	315.79																																																																																	
		Cabbage	289.90																																																																																	
		Chili	21.60																																																																																	
		Mango	103.90																																																																																	
		Guava	114.00																																																																																	
		Lichi	150.58																																																																																	
		Onion	400.86																																																																																	
6	Mean yearly temperature, rainfall, humidity of the district	<table border="1"> <thead> <tr> <th rowspan="2">Month</th> <th colspan="2">Temperature(⁰C)</th> <th rowspan="2">Rainfall (mm)</th> <th colspan="2">Relative Humidity (%)</th> </tr> <tr> <th>Max</th> <th>Min</th> <th>Max</th> <th>Min</th> </tr> </thead> <tbody> <tr> <td>Jan, 2022</td> <td>20</td> <td>11</td> <td>3.28</td> <td>59</td> <td>37</td> </tr> <tr> <td>Feb, 2022</td> <td>24</td> <td>12</td> <td>32.98</td> <td>60</td> <td>29</td> </tr> <tr> <td>March, 2022</td> <td>31</td> <td>16</td> <td>0.00</td> <td>53</td> <td>25</td> </tr> <tr> <td>April, 2022</td> <td>35</td> <td>19</td> <td>24.75</td> <td>50</td> <td>28</td> </tr> <tr> <td>May, 2022</td> <td>35</td> <td>25</td> <td>103.21</td> <td>65</td> <td>45</td> </tr> <tr> <td>June, 2022</td> <td>33</td> <td>25</td> <td>132.50</td> <td>85</td> <td>55</td> </tr> <tr> <td>July, 2022</td> <td>34</td> <td>27</td> <td>112.62</td> <td>88</td> <td>62</td> </tr> <tr> <td>August, 2022</td> <td>33</td> <td>26</td> <td>133.91</td> <td>80</td> <td>63</td> </tr> <tr> <td>Sept, 2022</td> <td>32</td> <td>26</td> <td>172.14</td> <td>85</td> <td>60</td> </tr> <tr> <td>Oct, 2022</td> <td>31</td> <td>24</td> <td>138.20</td> <td>55</td> <td>45</td> </tr> <tr> <td>Nov, 2022</td> <td>28</td> <td>16</td> <td>00.00</td> <td>50</td> <td>43</td> </tr> <tr> <td>Dec, 2022</td> <td>24</td> <td>13</td> <td>00.00</td> <td>50</td> <td>40</td> </tr> </tbody> </table>	Month	Temperature(⁰ C)		Rainfall (mm)	Relative Humidity (%)		Max	Min	Max	Min	Jan, 2022	20	11	3.28	59	37	Feb, 2022	24	12	32.98	60	29	March, 2022	31	16	0.00	53	25	April, 2022	35	19	24.75	50	28	May, 2022	35	25	103.21	65	45	June, 2022	33	25	132.50	85	55	July, 2022	34	27	112.62	88	62	August, 2022	33	26	133.91	80	63	Sept, 2022	32	26	172.14	85	60	Oct, 2022	31	24	138.20	55	45	Nov, 2022	28	16	00.00	50	43	Dec, 2022	24	13	00.00	50	40
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7	Production of major livestock products like milk, egg, meat etc.	<table border="1"> <thead> <tr> <th>Name of livestock</th> <th>Total(No of Cattle)</th> </tr> </thead> <tbody> <tr> <td>Cow</td> <td>399287</td> </tr> <tr> <td>Buffaloes</td> <td>70734</td> </tr> <tr> <td>Goat</td> <td>445861</td> </tr> <tr> <td>Sheep</td> <td>6700</td> </tr> <tr> <td>Poultry</td> <td>1122122</td> </tr> <tr> <td>Fish</td> <td>8643 ton</td> </tr> </tbody> </table>	Name of livestock	Total(No of Cattle)	Cow	399287	Buffaloes	70734	Goat	445861	Sheep	6700	Poultry	1122122	Fish	8643 ton																																																																				
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2.b. Details of operational area / villages (2022)

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Katihar	Korha	Musapur	Vegetable Banana Paddy Maize Oil Seeds	Lack of high yielding varieties, pest & diseases control	Varietal Improvement, Promotion of IPM Practices

2.	Katihar	Sirsa	Banana, Makhana, Wheat, Paddy, Maize, Vegetables	Lack of high yielding varieties, Pest & Disease control	Varietal Improvement, Promotion of IPM Practices Promotion of Banana Makhana based farming system and jute cultivation
3.	Korha	Rautara	Maize, Paddy, Wheat, Makhana	Lack of high yielding variety, pest & diseases control, INM	Varietal Improvement, Promotion of IPM Practices Promotion of INM Practices
4.	Korha	Baharkhal	Paddy,Potato Oil Seeds,Pulse Maize,Wheat	Lack of high yielding variety,pest & diseases control, INM	Varietal Improvement, Promotion of IPM Practices Promotion of INM Practices,CRA

2. c. Details of village adoption programme:

Name of the villages adopted by Sr. Scientist & Head and SMS (in the year 2022) for its development and action plan

Name of village	Block	Action taken for development
Baharkhal	Korha	CRA activities Krishak Gosthi Training Programmes
Sirsa	Katihar	Krishak Gosthi Training Programmes FLD
Rautara	Korha	Training Programmes FLD OFT
Musapur	Korha	CRA activities Krishak Gosthi Training Programmes FLD

2.1 Priority thrust areas

S. No	Thrust area
1	Promotion of Banana, Makhana based farming system and jute cultivation.
2	Development of Suitable cropping system for diara, tal land of the district.
3	Women empowerment through mushroom production and value addition of agricultural products.
4	Post harvest Technology of Makhana and its value added products.
5	Drudgery reduction of farm women.
6	Promotion of Entrepreneurship development.
7	Promotion of FPOs.
8	Promotion of Natural Farming.
9	Promotion of Climate Resilient Agriculture (CRA).
10	Popularization of Agro advisory services regarding different crops.

11	Nutrition management in crops.
12	Promotion and adoption of Integrated farming system.
13	Popularization of good quality vegetable seeds.
14	Technology dissemination through production and supply of plant and seed materials.
15	Market linkage of crops.

3. TECHNICAL ACHIEVEMENTS

3.A.Details of target and achievement of mandatory activities by KVK during the year

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	T	M	F	T	M	F	T				M	F	T	M	F	T	M	F	T	M	F	T			
07	07	287	25	07	20	18	1	9	25	24	47	287	10	10	240	10	05	18	06	19	11	28	21	22	240				

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	T	M	F	T	M	F	T				M	F	T	M	F	T	M	F	T	M	F	T			
110	133	3200	260	288	109	274	12	170	38	213	158	330	2000	2021	8000	688	194	920	219	607	139	739	173	217	299	491	137		

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	T	M	F	T	M	F	T	M	F	T			M	F	T	M	F	T	M	F	T			
200	209	17	2	7	27	4	63	6	6	107	112	9	130	150	156	16	7	96	16	7	96	10	6	126			

Seed production (q)											Planting material (in Lakh)										
Target		Achievement									Target		Achievement								
150		173									70000		71800								
Livestock strains and fish fingerlings produced (in lakh)*											Soil, water, plant, manures samples tested (in lakh)										
Target		Achievement									Target		Achievement								
00		00									700		756								

* Give no. only in case of fish fingerlings

3. B. Publication by KVKs

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	00	00	00	00	00	00	00
Seminar/conference/symposia papers	00	00	00	00	00	00	00
Books	01	1000	00	00	00	00	00
Bulletins	00	00	00	00	00	00	00
News letter	04	4000	00	00	00	00	00
Popular Articles	09	3600	00	00	00	00	00
Book Chapter	00	00	00	00	00	00	00
Extension Pamphlets/literature	00	00	00	00	00	00	00
Technical reports	06	80	00	00	00	00	00
Electronic Publication (CD/DVD etc)	00	00	00	00	00	00	00
TOTAL	20	8680	00	00	00	00	00

OFT- (Agronomy)

1.	Title of On farm Trial	To assess the mitigation of cold injury of Boro Paddy in nursery
2.	Problem diagnosed	Cold injury of Boro Paddy in nursery limiting the yield potential due to low germination, slow growth, leaf yellowing and stunted growth
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO₁ : Farmers Practice (No efforts for preventing cold injury in nursery) TO₂ : Recommended dose of N & K (1.0 kg N & 1.0 kgK ₂ O/100m ² area) + double dose of P ₂ O ₅ (2.0 kg P ₂ O ₅ /100 m ² area) TO₃ : TO ₂ + irrigating nursery in morning and let out water in evening
4.	Design	RBD
5.	No. of replication	10
6.	Source of Technology	A.N.G.R.A.U, Hyderabad
7.	Production system and thematic area	Jute- Mustard -paddy and Nursery management
8.	Performance of the Technology with performance indicators	Root length(cm), shoot length (cm), seedling height (cm) at 15 and 30 days after sowing
9.	Final recommendation for micro level situation	TO ₂ - Recommended dose of N & K (1.0 kg N & 1.0 kg K ₂ O/100m ² area) + double dose of P ₂ O ₅ (2.0 kg P ₂ O ₅ /100 m ² area + irrigating nursery in morning and let out water in evening)

Results:**Table-1: Effect of different treatments on root length, shoot length, and seedling height at 15 DAS**

Treatment	Root length (cm)	Shoot length (cm)	Seedling height (cm)
TO ₁	1.36	3.81	5.43
TO ₂	3.33	6.62	6.12
TO ₃	4.62	8.51	9.87
CD (p=0.05)	0.47	1.05	1.26

Table-2 : Effect of different treatments on root length, shoot length, and seedling height at 30 DAS

Treatment	Root length (cm)	Shoot length (cm)	Seedling height (cm)
TO ₁	2.52	5.64	7.84
TO ₂	4.86	10.12	13.96
TO ₃	5.92	12.05	15.95
CD (p=0.05)	0.98	3.16	1.58

Conclusion : Recommended dose of N & K (1.0 kg N & 1.0 kg K₂O/100m² area) + double dose of P₂O₅ (2.0 kg P₂O₅/100 m² area) and irrigating nursery in morning and let out water in evening resulted in highest root length, Shoot length and seedling height at 15 and 30 days after sowing.

OFT- (Agronomy)

1.	Title of On farm Trial	Weed Management in Jute
2.	Problem diagnosed	Weed causes huge reduction in fibre yield (upto 70%) of jute. It reduces input efficiency, interfere with agricultural operations and acts as alternate host for several insects and pests
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO ₁ : Farmers Practice (one hand weeding at 25-30 DAS) TO ₂ : Application of Pendimethalin 30% EC @ 525 gm a.i. /ha (within 48 hours after sowing) + one hand weeding at 15 DAS TO ₃ :Application of Quizalofop ethyl 5 % EC @ 60 gm a.i./ha + Ethoxy sulfuron 15 % WDG @ 100 gm a.i./ha at 30 DAS + one hand weeding at 15 DAS
4.	Design	RBD
5.	No. of replication	10
6.	Source of Technology	JRS, Katihar
7.	Production system and thematic area	Jute- Mustard and Weed management
8.	Performance of the Technology with performance indicators	Weed biomass (gm), Fibre yield (q/ha), Gross return (Rs./ha), net return (Rs./ha),B:C ratio

Result:**Table-1: Effect of different treatments on Weed Biomass**

Treatment	Weed Biomass (q/ha)		
	15DAS	30DAS	45DAS
TO ₁	2.13	6.62	2.96
TO ₂	1.61	1.06	2.19
TO ₃	1.22	1.23	2.28
CD (p=0.05)	0.55	0.73	0.69

Table-2: Effect of different treatments on plant height, basal diameter and fiber yield of jute

Treatment	Plant height (cm)	Basal diameter(cm)	Fiber yield
TO ₁	263.5	1.25	20.13
TO ₂	272.6	1.41	27.34
TO ₃	264.8	1.39	26.32
CD (p=0.05)	NS	0.12	3.17

Table-3: Effect of different treatments Economics of Jute

Treatment	Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
TO ₁	73474	42124	2.34
TO ₂	99791	66391	2.98
TO ₃	96068	62968	2.90

Conclusion: Application of Pendimethalin 30% EC @ 525 gm a.i. /ha (within 48 hours after sowing) + one hand weeding at 15 DAS resulted in highest fibre yield (27.34q/ha) whereas application of Quizalofop ethyl 5 % EC @ 60 gm a.i./ha + Ethoxy sulfuron 15 % WDG @ 100 gm a.i./ha at 30 DAS + one hand weeding at 15 DAS given highest net return (Rs. 66391 /ha) and B:C ratio 2.98.

OFT (Agronomy)

1	Title of On farm Trial	Improvement of nitrogen use efficiency in wheat
2	Problem diagnosed	Excessive use of chemical fertilizer and spiraling price of urea increase in cost of cultivation
3	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : RDF (100:40:20 N:P:K) kg/ha TO ₁ : 50% RDN& 100 % PK + Nano urea @ 4ml/lit.water (Single spray at 35 DAS) TO ₂ : 50% RDN& 100 % PK + 2 spray of Nano urea at 35 DAS and 60-65 DAS Nano urea @ 4ml/lit. water
4	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OFT Workshop at BAU, Sabour, Bhagalpur
5	Production system and thematic area	Paddy-wheat and INM
6	Performance of the Technology with performance indicators	No. of tillers/m ² , 1000 grain weight (gm), panicle weight , grain yield (q/ha) gross return (Rs/ha), net return(Rs/ha),BC ratio.
7	Design	RBD
8	Plot Size	0.1ha
9	Replication	8

Result: Awaited

OFT (Agronomy)

1.	Title of On farm Trial	Integration of fertilizer in different form on yield of lentil
2.	Problem diagnosed	Injudicious use of chemical fertilizer
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Seed treatment +RDF TO ₁ : 50% RDF +WS 18:18:18 @ 5gm/liter water (single spray at flowering stage) TO ₂ : Seed treatment with PSB+Rhizobium, 50% RDF +WS 18:18:18 @ 5gm/liter water (single spray at flowering stage)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OFT Workshop at BAU, Sabour, Bhagalpur
5.	Production system and thematic area	Paddy-wheat/ lentil
6.	Performance of the Technology with performance indicators	no. of plants/m ² , No. of pods/plant, 1000 grain weight (gm), panicle weight, grain yield (q/ha), gross return (Rs/ha), net return (Rs/ha), BC ratio
7.	Design	RBD
8.	Plot Size	0.10 ha
9.	Replication	8

Result: Awaited

OFT (Horticulture)

1.	Title	Measures to management of Panama Wilt of Banana.
2.	Farming Situation	Irrigated
3.	Hypothesis formulated	Suitable plant protection technique reduces yield loss due to disease.
4.	Experiment Design	RBD
5.	Detail the technology selected for assessment / refinement	TO ₁ - Carbendazim 50WP @3g/ liter of water (Drenching the soil near root zone at 15 days interval for three times in standing crop) TO ₂ - Application of Trichoderma harzianum @10 ml per liter of water (Drenching the soil near root zone at 15 days interval for three times in standing crop) TO ₃ - Mass multiplication of trichoderma with FYM (Trichoderma harzianum 1 Litre + FYM 50 Kg) applied near root zone of the plants @ 250 g per plant at one month interval for four times. TO ₄ - Mass multiplication of trichoderma with compost (Trichoderma harzianum 1 Litre + decomposed banana pseudo stem 50 Kg) applied near root zone of the plants @ 250 g per plant at one month interval for four times.
6.	Replication	BAU, Sabour
7.	Plot Size	0.4 ha
8.	Observation Parameter	Disease (%), Yield q/ha, B:C ratio
10.	Critical Input	Fungicide (Carbendazim 50WP) & Bio – agents

Table-1: Wilt incidence in different treatments

Treatments	% Wilt incidences				Mean Wilt incidence
	No of Trials	5th months	7th month	9th month	
TO ₁ - Carbendazim 50WP @3g/ liter of water	10	8.50	13.25	17.50	13.80
TO ₂ - Application of Trichoderma harzianum @10 ml per liter of water	10	5.15	7.40	8.90	7.15
TO ₃ - Mass multiplication of trichoderma with FYM (Trichodermaharzianum1 Litre + FYM 50 Kg) applied near root zone of the plants @ 250 g per plant at one month interval for four times.	10	2.50	3.70	5.00	3.73
TO ₄ - Mass multiplication of trichoderma with compost (Trichoderma harzianum 1 Litre + decomposed banana pseudo stem 50 Kg) applied near root zone of the plants @ 250 g per plant at one month interval for four times.	10	2.80	3.00	5.13	3.64

Table-2: Yield and Economics

Treatment	Yield (q/ha)	Cost of Cultivation (Rs./ha)	Gross return (Rs./ha)	Net Return (Rs./ha.)	B:C ratio
TO ₁ - Carbendazim 50WP @ 3g/ liter of water	194.00	90500.00	194000.00	103500.00	2.14
TO ₂ - Application of Trichoderma harzianum @10ml per liter of water	226.50	93750.00	226500.00	132750.00	2.41
TO ₃ - Mass multiplication of trichoderma with FYM (Trichodermaharzianum1 Litre + FYM 50 Kg) applied near root zone of the plants @ 250 g per plant at one month interval for four times.	266.70	95500.00	266700.00	171200.00	2.79
TO ₄ - Mass multiplication of Trichoderma with compost (Trichoderma harzianum 1 Litre + decomposed banana pseudo stem 50 Kg) applied near root zone of the plants @ 250 g per plant at one month interval for four times.	318.70	96500.00	318700.00	222200.00	3.30

Result: On the basis of observation from the trial it is observed that there is a significant yield increment of 64.27 % with treatment No. 4 i.e. mass multiplication of trichoderma Harzianum with compost in comparison with to farmer's practice similarly the highest B: C ration is found with treatment No.4 is cultivation practice of banana although the cost of cultivation is increased by 6.63 % in comparison to farmer's practices of banana in the district. Therefore the treatment No.4 i.e. mass multiplication of trichoderma with compost may be the best option in cultivation of banana against the problem in the Katihar district.

OFT (Horticulture)

1.	Intervention	Horticulture
2.	Title	Performance Pactobutrazol on irregular or biennial cultivars for regular bearing of Mango in Bihar
3.	Farming situation	Micro farming situation

4.	Production system	Mango-Mango
5	Thematic area	Orchards
6.	Problem	Many Cultivars have irregular, biennial behavior in fruiting like Langra, Zardulu, Himsagar, Fzli, Chausa etc. resulting yield is very poor.
7.	Potential solution	To improve the irregular, Biennial, old, senile and unproductive mango orchard into production, ultimately yield will be enhanced
8.	Source of technology	BAU, Sabour
9.	Technology option	TO ₁ – Farmer Practice (No use of Pactobutrazol by the farmers) TO ₂ –Application of full dose of recommended dose of fertilizers (1000:500:500g NPK with 25 to 30 kg FYM) TO ₃ - TO ₂ + Application of Pactobutrazol @ 1ml/m ² with sufficient water so that it should be drenched in the soil. TO ₄ - TO ₂ + Application of Pactobutrazol @ 2ml/m ² with sufficient water so that it should be drenched in the soil. TO ₅ - TO ₂ + Application of Pactobutrazol @ 3ml/m ² with sufficient water so that it should be drenched in the soil.
10	No of Plants/ Unit	5
11	Replication	07
12	Variety	Langra
13.	Critical input	Application of FYM, Vermi compost and Chemical fertilizers were applied before application Pactobutrazol.
14	Irrigation Method	Heavy irrigation should be given just after application of treatment in modified basin methods
15	Cultural Practices	Thining should done of unwanted and overcrowded branches
16	Additional Information	Pactobutrazol should be used in off- season and avoid in on season
17.	Performance indicators	Technical observations plant height(m), Plant girth (cm), Plant spread(East- West & North – South) (m), Canopy Volume (m ³) no. of fruit/Plant, Average fruit weight(gm), Fruit Yield (kg/Plant) , Fruit Size (mm)(length speath,
		Economic Indicator Net return, BC ratio
		Farmers' reaction/ feedback

Table-1:Porformanceof paclobutrazol on irregular / biennial cultivars for regular bearing of mango cv. Langra.

Treatments	Plant height (m)	Plant spread E-W(m)	Plant spread N-S(m)	Fruit length (cm)	Fruit breadth (cm)	Fruit weight (g)	Yield (kg/tree)	B:C ratio
T ₁ -Farmers practices (no use of paclobutrazol)	5.15	4.01	3.87	9.08	6.62	342.10	70.15	3.77
T ₂ - Application of full dose of RDF	5.53	6.66	4.37	9.33	6.70	338.25	95.12	2.36

1000:500:500g NPK with 25 kg of FYM per tree								
T ₃ -: T ₂ + Application of paclobutrazol @ 3.2 ml/m ² with sufficient water	4.77	3.24	3.19	8.56	5.93	289.35	132.15	2.14
CD (P=0.05)	1.11	1.19	0.73	0.30	0.19	37.85	18.33	-
CV%	14.10	14.62	8.82	2.72	2.23	10.76	8.21	-

Result:

The plant height, plant spread East-West and North- South direction and yield per tree was observed maximum with the application of recommended dose of fertilizers i.e. 5.53 m, 6.66 m, 4.37m, 9.33 cm, 6.70 cm and 338.25g respectively, whereas maximum yield of 132.15kg per tree was recorded under the application of paclobutrazol. In concern to benefit /cost ratio was noted maximum of 3.77 in farmers practices.

Title	Study on awareness and perception of farmers about Soil Health Card
Thematic Area	Capacity Building
Problem diagnosed	Farmers unawareness about soil health card benefits
Treatments	TO ₁ - Farmers not having Soil Health card TO ₂ - Farmers having soil health card
Source of Technology	BAU, Sabour
No. of respondents	120

Distribution of respondents according to their personal, socio, economic characteristics. (N=120)

S.No.	Particulars	Category	Frequency (No)	Percentage (%)
1.	Age (yrs.)	Young (20 - 35)	44	36.66
		Middle (35 - 50)	57	47.5
		Old (50 & above)	19	15.83
2.	Gender	Male	120	100.00
		Female	0	0.00
3.	Caste	General	39	30.00
		OBC	65	54.16
		SC/ ST	19	15.83
4.	Education	Illiterate	6	5.00
		Read & Write	23	19.16
		Primary School	15	12.50
		Middle School	43	35.83
		Intermediate	24	20.00
		UG/ PG	9	7.50
5.	Occupation	Agriculture	107	89.16
		Service	13	10.83
6.	Monthly Income (Rs.)	Below 10,000	22	18.33

	10,001 -1 5,000	57	47.50
	15,001 & above	41	34.16
	Small (<= 5)	13	60.00
	Medium (5 - 10)	72	29.16
	Large (> 10)	35	5.83
	Kachcha	7	60.00
	Pacca	72	34.16
	Mixed	41	18.33
	Small (<= 2)	22	65.83
	Medium (2.1 - 4)	79	15.83
	Large (>= 4.1)	19	8.33
	Low (<=5)	10	38.33
	Medium (5-10)	46	53.33
	High (>=10)	64	7.5
	Low (<=5)	9	40.83
	Medium (5-10)	49	51.66
	High (>=10)	62	60.00

Distribution of respondents according to awareness about SHC

Treatments	No. of Replications	Awareness Level (Score)		
		Frequency (No)/ (Percentage (%))		
		Low (<=5)	Medium (5-10)	High (>=10)
TO1 – Farmers not having Soil Health card	60	42 (70)	16 (27)	2(3)
TO2 – Farmers having soil health card	60	2(3)	6(10)	52(87)

Distribution of respondents according to their perception regarding SHC

Treatments	No. of Replications	Frequency (No)/ (Percentage (%))		
		Less Favorable	Favorable	Most Favorable
TO1 – Farmers not having Soil Health card	60	53 (88)	4(7)	3(5)
TO2 – Farmers having soil health card	60	0	14 (23)	46 (77)

Distribution of respondents according to their constraints expressed by farmers in utilization of SHC

S.No.	Constraints	Frequency (No)	Percentage (%)	Rank
1	Mindset about traditional fertilizer use pattern	104	86.00	I
2	Distance from Field to Lab	86	71.00	II
3	Change in Productivity	78	65.00	III
4	SHC is not in the Priority list of farmers	62	51.00	IV
5	Waiting for others adoption success rate	57	47.5	V
6	Unable to calculate fertilizer dose as per the recommendation	49	40.83	VI
7	Constraints of capital at crucial time of farming	36	30.00	VI
8	Irregularity of extension services	32	26.66	VII

Result : It was observed from this OFT that high awareness level 87% and favorable perception 77% found in case of farmers having soil health card. Mindset about fertilizer use pattern and fear to change in productivity was major constraints

Title	Assessment of the effectiveness of different sources of Agro – advisory services provided to the farmers in respect to Wheat for katihar District
Thematic area	HRD
Problem diagnosed	Different sources of agro- advisory service are not giving better impact for solving the problem
Treatments	TO1– Farmers generally got advice through neighboring farmers TO2– Farmers receiving Agro- advisory through GKMS TO3– Farmers receiving Agro- advisory through IFFCO
Source of Technology	Anand Agricultural University , Anand, Gujrat
No. of respondents	120
Performance Parameters	Change in Knowledge among sample Farmers Extend of Problem solving Constraints faced by farmers during Agro- advisory services

Change in Knowledge among sample Farmers N= 120

Technology	TO ₁		TO ₂		TO ₃	
	Before(%)	After(%)	Before(%)	After(%)	Before(%)	After(%)
Selection of Seed	33.2	56.5	31.5	43.5	36.3	43.6
Seed Treatment	17.5	19.3	18.6	39.9	21.2	32.5
Land Preparation	23.6	29.6	26.3	37.9	29.3	37.7
Fertilizer Management	43.5	49.7	41.6	53.3	36.3	61.4
Weather Forecast	3	4.5	4.5	83.0	4.2	43.6
Irrigation Mngement	36	53.6	42.5	81.5	39.3	56.8
Insect Mngement	22.3	29.5	26.7	47.5	24.2	37.6
Disease Management	23.1	27.3	31.6	41.7	32.1	43.6

Constraints faced by farmers during Agro- advisory services

Constraints	TO ₁	TO ₂	TO ₃
Clear Information	20.5	93.3	89.29
Easily Understandable	16.3	92.2	89.56
Timely information	69.5	77.14	69.56

Complete	32.55	42.65	36.55
Practical in the field conditions	41	73	65.59

Extend of Problem solving

TO ₁ – Farmers generally got advice through neighboring farmers	19.6%
TO ₂ – Farmers receiving Agro- advisory through GKMS	31.5%
TO ₃ – Farmers receiving Agro- advisory through IFFCO	21.2%

Result: The study has shown that in terms of Knowledge gain by farmers the advisory through GKMS effective in a range of 10.1 to 78.5 with minimum constraints and 31.5% problem solving is better than in comparison to other technologies tested during the Study.

Result: Awaited

OFT (Home Science)

1.	Title of On farm Trial	Assessment of preparation methods of carrot jam for more shelf life, enhancement of nutrition and income		
2.	Problem diagnosed	Carrot is rich in vitamin A and minerals and is very nutritious. As fresh carrot is very cheaper in season, that's why consume by all age groups but its self life is very less. To increase a self life of carrot and enhance the income of rural woman with locally available cheaper carrot through carrot jams.		
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO ¹ - Local people consume fresh carrot as such as vegetables or juice TO ² - Preparation of carrot jam (Formulation-Ingredients, Carrot-1.0 kg., Sugar-1.0 kg., Water-100 ml., Citric acid-6.0 gm., Pectin powder-10gm., Sodium Benzoate-1.0 gm.) TO ³ - Preparation of carrot jam (Formulation-Ingredients, Carrot-1.0 kg., Sugar-1.0 kg., Water-200 ml., Citric acid-6.0 gm., Pectin powder-10gm., Sodium Benzoate-1.0 gm, Lemon essence-5 ml.)		
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	DRPCA, Pusa, Samastipur		
5.	Production system and thematic area			
6.	Performance of the Technology with performance indicators	TSS (%)	%	0, 15, 30, 45, 60, 75 (at 15 days interval)
		Acidity (%)		
		Sensory Analysis -		
		Taste	score	
		Color	score	
		Flavour	score	

		Texture	score	
		Overall acceptability	score	
		Packaging materials – Glass jar 500 gm.		
		Shelf Life (0, 15, 30, 45, 60, 75)	Days	
7.	Design			
8.	Plot Size			
9.	Replication			

Results and findings (Table and Graphs)

Sensory evaluation

Colour of Carrot Jam

Storage period(Days).

Treatments	0	15	30	45	60	75
TO1	5.0	4.8	4.6	4.5	4.1	4.0
TO2	5.0	4.9	4.8	4.6	4.3	4.2

Table 1 : Mean score of farm women for colour of carrot jam

Taste of Carrot Jam

Storage Period (Days)

Treatments	0	15	30	45	60	75
TO1	5.0	4.7	4.5	4.3	4.2	4.1
TO2	5.0	4.9	4.6	4.5	4.4	4.3

Flavour of Carrot Jam

Storage Period (Days)

Treatments	0	15	30	45	60	75
TO1	5.0	4.9	4.7	4.3	4.3	4.0
TO2	5.0	5.0	4.8	4.5	4.4	4.1

Texture of Carrot Jam

Storage Period (Days)

Treatments	0	15	30	45	60	75
TO1	5.0	5.0	4.8	4.6	4.5	4.2
TO2	5.0	5.0	4.9	4.7	4.5	4.3

Mean score of farm women for texture of carrot jam.

Overall acceptability

Storage Period (Days)

Treatments	0	15	30	45	60	75
TO1	5.0	4.9	4.7	4.5	4.2	4.0
TO2	5.0	4.9	4.8	4.6	4.4	4.1

Total soluble solids (TSS)

Treatments	0	15	30	45	60	75
TO1	66.5	67.4	68	68.4	70.1	71.2
TO2	67.6	68	68.4	68.9	70.5	71.7

Influence of treatments and storage periods (Days) on total soluble solids of carrot jam.

Due to the nutritional value of carrot has much importance in our diet. Carrot is easily available and cheap source of B-carotene. Carrot is used to reduce risks of several kinds of cancer such as skin and breast cancer and also play a vital role in liver health and eye sight. Jam is a semi-solid mixture, obtained upon cooking of fruits or vegetables with sugar, citric acid and pectin. All the jam samples were analysed for sensory evaluation at 15 days interval for three months of storage. It was demonstrated that storage has great effect on quality and stability of carrot jam. On the basis of different analysis and parameters, it was concluded that treatments TO2 was of good qualities than TO1 during analysis of sensory evaluation.

SN	Particulars	Description
1.	Intervention	Extension Education
2.	Title	Assessing the Extension Education Methods for awareness and use of Soil Health Card
3.	Problem diagnose	Farmers unawareness about Soil Health Card
4.	Thematic area	Assessment analysis
5.	Source of technology	OFT Workshop at ATARI, Patna
6.	Technology option	TO ₁ : Farmers having SHC with Training Literature TO ₂ : Farmers having SHC with Training Literature TO ₃ : Farmers having SHC with Training Literature and Customized Social Media Advisory
7.	No. of Respondents:	60
8.	Observation to be taken:	1. Knowledge related to SHC 2. Change in Awareness level with respect to use of SHC 3. Adoption of Recommended Practice in relation to SHC 4. Data related to Extension Efficiency Parameter

.1.2 Technology Assessed by KVK (Discipline wise)

Technologies assessed under various crops by KVKs (Crop Production)				
	Thematic areas	Number of the technologies (Technology Interventions)	No. of trials	No. of Locations
1	Integrated Nutrient Management	03	10	07
2	Varietal Evaluation	00	00	00
3	Integrated Pest Management	00	00	00
4	Integrated Crop Management	00	00	00
5	Integrated Disease Management	04	10	08
6	Small Scale Income Generation Enterprises	00	00	00
7	Weed Management	03	10	04
8	Resource Conservation Technology	00	00	00
9	Farm Machineries	00	00	00
10	Integrated Farming System	00	00	00
11	Seed / Plant production	00	00	00
12	Post Harvest Technology / Value addition	00	00	00
13	Drudgery Reduction	00	00	00
14	Storage Technique	00	00	00
15	Others (Pl. specify) Performance Pactobutrazol on irregular or biennial cultivars for regular bearing of Mango in Bihar	05	07	05
16	Cropping Systems	00	00	00

17	Farm Mechanization	00	00	00
18	Others	00	00	00
	Total	15	37	30

Technologies assessed under livestock by KVKs

	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Disease Management	00	00	00
2	Evaluation of Breeds	00	00	00
3	Feed and Fodder management	00	00	00
4	Nutrition Management	00	00	00
5	Production and Management	00	00	00
6	Processing and value addition	00	00	00
7	Others (Pl. specify)	00	00	00
	Total	00	00	00

Technologies assessed under various enterprises by KVKs

	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery reduction	00	00	00
2	Entrepreneurship Development	00	00	00
3	Health and nutrition	00	00	00
4	Processing and value addition	00	00	00
5	Energy conservation	00	00	00
6	Small-scale income generation	00	00	00
7	Storage techniques	00	00	00
8	Household food security	00	00	00
9	Organic farming	00	00	00
10	Agroforestry management	00	00	00
11	Mechanization	00	00	00
12	Resource conservation technology	00	00	00
13	Value Addition	00	00	00
14	Others (Capacity Building)	02	120	04
	HRD	03	120	06
	Total	05	240	10

Technologies assessed under various enterprises for women empowerment

	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery Reduction	00	00	00
2	Entrepreneurship Development	00	00	00
3	Health and Nutrition	00	00	00
4	Value Addition	03	10	08
5	Others	00	00	00
	Total	03	10	08

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year 2022

Crop	Them atic area	Name of the technolog y demonstra ted	No. of Farmers	Area(ha)	Yield (q/ha)		% increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demons tration	Check		GrossCost	Gross Return	Net Return	BCR	GrossCost	Gross Return	Net Return	BCR
Cauli flower	Vegeta ble Product ion Techno logy	Seed (Sabour Agrim)	10	03	175	148	15.42	86320	28000	193680	2.24	81210	236800	155590	1.91
Brinjal	Vegeta ble Product ion Techno logy	Seed (PH 6)	10	01	326	241	13.80	95281	456400	361119	3.70	80405	337400	256995	3.19
Paddy	INM	Bio fertilizer (Azotobact or & P.S.B.)	10	4	40.85	32.05	27.45	28300	65360	37060	2.30	26500	43920	17420	1.66
Jute	ICM	Seed (JBO- 2003H)	15	08	22.00	17.85	23.22	29200	79200	50000	2.71	28700	64260	35560	2.24
Paddy	ICM	Seed (Sabour Ardhjal)	10	4	40.05	32.60	22.85	26700	64080	37380	2.40	26000	52160	26160	2.01
Fodde r Sorgh um	FP	Seed (CSV33 MF)	10	4	696.5	539.65	16.93	26500	139300	112800	5.25	22600	80947	58347	3.58

Cereals

Sl No	Crop	Them atic area	Technology Demonstrat ed with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reaso ns for shortf all in achie veme nt
				Prop osed	Act ual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	

1.	Paddy	ICM	Seed (Sabour Ardhjal)	04	04	1		2	2	4	1	7	3	10	
2.	Paddy	INM	Bio Fertilizer (Azotobact or + PSB)	04	04	1		3		4	2	8	2	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigate d)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P ₂ O ₅	K ₂ O					
Paddy	Kharif	Irrigated	scl	364	80	109.42	Wheat	06.07.2022	06.11.2022	768.21	-
Paddy	Kharif	Irrigated	scl	286	27	119.00	Moong	10.07.2022	08.11.2022	768.21	-

In both the Tables, information of same crop should be provided. For example, if in Table 3.2A crops are mentioned as a,b,c,d etc., in the table for Details of farming situation, the same crop should be mentioned in the identical sequence.

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Them atic Area	Name of the technolo gy demonst rated	No. of Farm ers	Are a (ha)	Yield (q/ha)		% Incre ase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					De mo	Che ck		Gr oss Cos t	Gr oss Retu rn	Net Retu rn	** BC R	Gr oss Cos t	Gr oss Retu rn	Net Retu rn	** BC R
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

Pulses

Frontline demonstration on pulse crops

Crop	Them atic Area	Name of the technology demonst rated	No. of Farm ers	Are a (ha)	Yield (q/ha)		% Incre ase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Dem o	Chec k		Gr oss Cos t	Gross Retur n	Net Retur n	** BC R	Gr oss Cos t	Gross Retur n	Net Retur n	** BC R
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

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		De mo	Ch eck	Gross Cost	Gross Return	Net Return	** B C R	Gross Cost	Gross Return	Net Return	** B C R
Jute	ICM	Seed (JBO-2003H)	15	08	22.00	17.85	23.22			29200	79200	50000	2.71	28700	64260	35560	2.24
Sorghum	ICM	Seed (CSV-33 MF)	10	4	696.5	539.65	16.93			26500	139300	112800	5.25	22600	80947	58347	3.58
Cauliflower	Vegetable Production Technology	Seed (Sabour Agrim)	10	03	175	148	15.42			86320	28000	193680	2.24	81210	236800	155590	1.91
Brinjal	Vegetable Production Technology	Seed (PH 6)	10	01	326	241	13.80			95281	456400	361119	3.70	80405	337400	256995	3.19

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		De mo ns rati on	Ch eck	Gross Cost	Gross Return	Net Return	** B C R	Gross Cost	Gross Return	Net Return	** B C R
Dairy	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Cow	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Buffalo	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Poultry	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Rabbitry	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Pigerry	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Sheep and goat	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Duckery	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others (pl. specify)	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00

* 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

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	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Mussels	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Ornamental fishes	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others (pl. specify)	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
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

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	
Sericulture	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Apiculture	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Total																	

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women	00	00	00	00	
Pregnant women	00	00	00	00	
Adolescent Girl	00	00	00	00	
Other women	00	00	00	00	
Children	00	00	00	00	
Neonatal	00	00	00	00	
Infants	00	00	00	00	

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	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								

* 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

Demonstration details on crop hybrids

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	
Bajra	00	00	00	00	00	00	00	00	00	00	00
Maize	00	00	00	00	00	00	00	00	00	00	00
Paddy	00	00	00	00	00	00	00	00	00	00	00
Sorghum	00	00	00	00	00	00	00	00	00	00	00
Wheat	00	00	00	00	00	00	00	00	00	00	00
Others (Pl.specify)	00	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00	00
Oilseeds	00	00	00	00	00	00	00	00	00	00	00
Castor	00	00	00	00	00	00	00	00	00	00	00
Mustard	00	00	00	00	00	00	00	00	00	00	00
Safflower	00	00	00	00	00	00	00	00	00	00	00
Sesame	00	00	00	00	00	00	00	00	00	00	00
Sunflower	00	00	00	00	00	00	00	00	00	00	00
Groundnut	00	00	00	00	00	00	00	00	00	00	00
Soybean	00	00	00	00	00	00	00	00	00	00	00
Others (Pl.specify)	00	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00	00
Pulses	00	00	00	00	00	00	00	00	00	00	00
Greengram	00	00	00	00	00	00	00	00	00	00	00
Blackgram	00	00	00	00	00	00	00	00	00	00	00
Bengalgram	00	00	00	00	00	00	00	00	00	00	00
Redgram	00	00	00	00	00	00	00	00	00	00	00
Others (Pl.specify)	00	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00	00
Vegetable crops	00	00	00	00	00	00	00	00	00	00	00
Bottle gourd	00	00	00	00	00	00	00	00	00	00	00

Capsicum	00	00	00	00	00	00	00	00	00	00
Cucumber	00	00	00	00	00	00	00	00	00	00
Tomato	00	00	00	00	00	00	00	00	00	00
Brinjal	00	00	00	00	00	00	00	00	00	00
Okra	00	00	00	00	00	00	00	00	00	00
Onion	00	00	00	00	00	00	00	00	00	00
Potato	00	00	00	00	00	00	00	00	00	00
Field bean	00	00	00	00	00	00	00	00	00	00
Others (Pl.specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
Commercial crops	00	00	00	00	00	00	00	00	00	00
Cotton	00	00	00	00	00	00	00	00	00	00
Coconut	00	00	00	00	00	00	00	00	00	00
Others (Pl.specify)	00	00	00	00	00	00	00	00	00	00
Fodder crops	00	00	00	00	00	00	00	00	00	00
Napier (Fodder)	00	00	00	00	00	00	00	00	00	00
Maize (Fodder)	00	00	00	00	00	00	00	00	00	00
Sorghum (Fodder)	00	00	00	00	00	00	00	00	00	00
Others (Pl.specify)	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1.	Jute	Improved variety increased fibre quality, production and enhance income of farmers
2.	Paddy	Improved Seed variety increased production against traditional paddy varieties
3.	Lentil	Improved Seed variety and Nutrient Management increased production
4.	Green gram	Increase farm income and Productivity of Farm
5.	Black Gram	Improved Seed variety, Practices of Preemergence weedicide increased production
6.	Sorghum	Increase Milk Production
7.	Mustard	Improved Cultivation enhance Oil seed production and better price
8.	Dragon Fruit	As a crop diversification for income and employment generation.
9.	Mushroom Production	Additional source of income and also provide nutritional security to tribles and rural family.

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	06.03.2022	01	38	
		18.07.2022	01	67	
		29.07.2022	01	25	
		25.07.2022	01	29	
		04.08.2022	01	41	
		13.08.2022	01	38	

		18.11.2022	01	45	
		25.11.2022	01	35	
2.	Farmers Training	15.04.2022	01	30	
		11.06.2022	01	25	
		09.07.2022	01	30	
		13.07.2022	01	28	
		18.08.2022	01	39	
		07.09.2022	01	29	
		28.10.2022	01	35	
		15.11.2022	01	45	
		30.11.2022	01	35	
		3.	Media coverage	-	-
4.	Training for extension functionaries	17.12.2022	01	40	
		09.02.2022	01	39	

Farm Machinery

Category	Name of the implement / Equipment / Tool	Crop (if applicable)	No. of Technologies	No. of Demos	Area (ha)
Sowing and planting tools and machineries					
Total		00	00	00	00
Intercultural operation tools and machineries					
Total		00	00	00	00
Irrigation management tools and machineries					
Total		00	00	00	00
Plant protection tools and machineries					
Total		00	00	00	00
Harvesting tools and machineries					
Total		00	00	00	00
Postharvest processing tools and machineries					
Total		00	00	00	00
Total mechanization tools and machineries					
Total		00	00	00	00
Others					
Total		00	00	00	00
Grand Total		00	00	00	00

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
--	--	--
--	--	--
--	--	--

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	--	--	--	--

2.	Farmers Training	--	--	--	--
3.	Media coverage	--	--	--	--
4.	Training for extension functionaries	--	--	--	--

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2022 and Rabi 2021-22 and 2022-23:

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area	Yield (q/ha)		% increase	Economics of Demonstration (Rs/ha)			Economics of Check (Rs/ha)		
					De mo	Che ck		Gross Return	Net Return	BC R	Gross Return	Net Return	BC R
Soya bean	Oilseed Production	Animika, Seed, INM, IWM & Bio fertilizer	50	20	17.45	13.32	31	68928	44328	2.8	52614	30114	2.34
Mustard	Oilseed Production	RH-406 & RH-749, Seed, Seed Treatment, INM, IWM	75	30	16.9	12.4	36.2	46300	21200	3.18	30200	19400	2.56
Green	Pulse Production	IPM 205-7 Seed, Seed Treatment, INM, IWM	25	10	8.36	6.22	34.41	58520	40720	3.29	43540	26890	2.62
Blackgr	Pulse Production	PU 31 Seed, Seed Treatment, INM, IWM	25	10	7.95	6.43	24.64	48495	31245	2.81	39223	23123	2.44
Mustard	Oil Seed production	Pant Sweta, Seed, Seed Treatment, INM, IWM	50	20	Crop Standing in field								

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's variety name)	Existing yield (q/ha)	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 (%)		
				Dist ict yield (D)	Sta te yield (S)	Poten tial yield (P)				Ma x.	Min .	Av.	D	S	P
1	Soya bean	Animika	13.32	1260	754	2500	Animika, Seed, INM, IWM & Bio fertilizer	50	20	18.3	16.6	17.45	27.79	56.7	-43.26

2	Mustard	RH-406 & RH-749	12.4	1050	1187	2200 - 2500	RH-406 & RH-749, Seed, Seed Treatment, INM, IWM	75	30	18.2	15.6	16.9	37.86	29.76	-39.05
3	Green gram	IPM 205-7	6.22	634	628	1200 - 1500	IPM 205-7 Seed, Seed Treatment, INM, IWM	25	10	9.74	6.98	8.36	24.16	24.88	-61.48
4	Black gram	PU 31	6.43	656	612	1000 - 1200	PU 31 Seed, Seed Treatment, INM, IWM	25	10	8.67	7.23	7.95	17.48	23.02	-38.36
5	Mustard	Crop Standing in field													

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Demonstration plot				Farmer's Existing 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.	Soya bean Animika, Seed, INM, IWM & Bio fertilizer	24600	68928	44328	2.8	22500	52614	30114	2.34
2.	Mustard RH-406 & RH-749, Seed, Seed Treatment, INM, IWM	25100	46300	21200	3.18	10800	30200	19400	2.56
3.	Green Gram IPM 205-7 Seed, Seed Treatment, INM, IWM	17800	58520	40720	3.29	16650	43540	26890	2.62
4.	Black Gram PU 31 Seed, Seed Treatment, INM, IWM	17250	48495	31245	2.81	16100	39223	23123	2.44
5.	Musatrd Pant Sweta, Seed, Seed Treatment, INM, IWM	Crop Standing in field							

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/house hold)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1.	Soya bean Animika, Seed, INM, IWM & Bio fertilizer	698	623	39.5	25	50	Farming and Livelihood Security	14

2.	Mustard RH-406 & RH-749, Seed, Seed Treatment, INM, IWM	676	650	27.4	8	18	Farming and Livelihood Security	17
3.	Green Gram IPM 205-7 Seed, Seed Treatment, INM, IWM	334	254	70	30	50	Farming and Livelihood Security	22
4.	Black Gram PU 31Seed, Seed Treatment, INM, IWM	318	243	61	25	50	Farming and Livelihood Security	16
5.	Musatrd Pant Sweta, Seed, Seed Treatment, INM, IWM	Crop Standing in field						

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.	Soya bean Animika, Seed, INM, IWM & Bio fertilizer	Yes		Yes	No	Yes	
2.	Mustard RH-406 & RH- 749, Seed, Seed Treatment, INM, IWM	Yes		Yes	No	Yes	
3.	Green Gram IPM 205-7 Seed, Seed Treatment, INM, IWM	Yes		Yes	No	Yes	
4.	Black Gram PU 31 Seed, Seed Treatment, INM, IWM	Yes		Yes	No	Yes	
5.	Musatrd Pant Sweta, Seed, Seed Treatment, INM, IWM	Crop Standing in field					

D. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a-vis Local Check	Farmers Feedback
INM and IWM	Good	Good	Positive
Soya bean Var-Animika	High Yield	Better germination in demonstrated crop as compared to local check	Good variety
Mustard Var-RH-406 & RH-749	High Oil Content	Higher to 39-40% as compare to local check	Good variety
Green Gram Var-IPM 205-7	Resistant to YMV and powdery mildew	No incidence of YMV in demonstrated crop while local check infested with YMV and powdery mildew	Good variety
Black Gram Var-PU 31	Tolerant to YMV	No incidence of YMV in demonstrated crop while local check infested with YMV	Good variety
Seed treatment	Better germination	Better germination in demonstrated crop as compared to local check	Helpful in yield enhancement
Micronutrient	Better crop growth	Better crop growth in demonstrated crop as compared to local check	Helpful in yield enhancement

Extension activities under CFLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
Soya bean	Training on demonstration	21.07.2022, KVK, Katihar	30
	Training on demonstration	27.07.2022, KVK, Katihar	28
	Diagnostic field visit	24.08.2022, Gharighat	32
	Diagnostic field visit	31.08.2022, Baharkhal	24
	Field day	13.09.2022, Musapur	43
Mustard	Training on demonstration	22.11.2021, KVK, Katihar	25
	Training on demonstration	23.11.2021, KVK, Katihar	30
	Training on demonstration	26.11.2021, KVK, Katihar	25
	Diagnostic field visit	22.12.2021, Sonella	24
	Diagnostic field visit	27.12.2021, Pothiya	32
	Training for Agronomical operations	10.01.2022, Lahsa	25
	Diagnostic field visit	07.01.2022 Chogaria	29
	Field day	23.02.2022 Lahsa	45
Green gram	Training on demonstrated technologies	24.03.2022, KVK, Katihar	22
	Training on demonstrated technologies	28.03.2022, Bhangha	24
	Diagnostic field visit	18.04.2022, Fulhara	21
	Field day	05.05.2022, Rautara	20
Black Gram	Training on demonstrated technologies	23.03.2022 KVK, Katihar	24
	Training on demonstrated technologies	04.04.2022, Barua Tola	19
	Diagnostic field visit	18.04.2022 Rajwara	23

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

Attach on last page

F. Farmers' training photographs

Attach on last page

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

Attach on last page

H. Details of budget utilization

Statement of Expenditure (CFLD Oilseed)				
Head	Sanction	Release	Expenditure	Closing Balance 31.12.2022
Soya bean	150000.00	0.00	149648.00	-149648.00
Mustard	120000.00	0.00	119995.00	-119995.00
Total	270000.00	0.00	269643.00	-269643.00

3.3 Achievements on Training (Including the sponsored and FLD training programmes):**A) Farmers and farm women (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	00	00	00	00	00	00	00	00	00	00	00	00	00
Weed Management	01	00	00	00	00	00	00	00	00	00	00	00	00
Resource Conservation Technologies	01	00	00	00	00	00	00	00	00	00	00	00	00
Cropping Systems	01	00	00	00	00	00	00	00	00	00	00	00	00
Crop Diversification	01	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Farming	01	00	00	00	00	00	00	00	00	00	00	00	00
Water management	01	15	2	17	3	1	4	7	0	7	25	3	28
Seed production	01	00	00	00	00	00	00	00	00	00	00	00	00
Nursery management	01	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Crop Management	09	148	24	172	30	10	40	37	4	41	215	38	253
Fodder production	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of organic inputs	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, (cultivation of crops)	01	21	0	21	3	0	3	1	0	1	25	0	25
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	00	00	00	00	00	00	00	00	00	00	00	00	00
Water management	00	00	00	00	00	00	00	00	00	00	00	00	00
Enterprise development	00	00	00	00	00	00	00	00	00	00	00	00	00
Skill development	00	00	00	00	00	00	00	00	00	00	00	00	00
Yield increment	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of low volume and high value crops	00	00	00	00	00	00	00	00	00	00	00	00	00
Off-season vegetables	00	00	00	00	00	00	00	00	00	00	00	00	00
Nursery raising	00	00	00	00	00	00	00	00	00	00	00	00	00
Export potential vegetables	00	00	00	00	00	00	00	00	00	00	00	00	00
Grading and standardization	00	00	00	00	00	00	00	00	00	00	00	00	00
Protective cultivation (Green Houses, Shade Net etc.)	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any (Cultivation of Vegetable)	07	175	0	175	2	23	25	0	0	0	177	23	200

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			
b) Fruits													
Layout and Management of Orchards	00	00	00	00	00	00	00	00	00	00	00	00	00
Cultivation of Fruit	00	00	00	00	00	00	00	00	00	00	00	00	00
Management of young plants/orchards	00	00	00	00	00	00	00	00	00	00	00	00	00
Rejuvenation of old orchards	00	00	00	00	00	00	00	00	00	00	00	00	00
Export potential fruits	00	00	00	00	00	00	00	00	00	00	00	00	00
Micro irrigation systems of orchards	00	00	00	00	00	00	00	00	00	00	00	00	00
Plant propagation techniques	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any(INM)	00	00	00	00	00	00	00	00	00	00	00	00	00
c) Ornamental Plants	00	00	00	00	00	00	00	00	00	00	00	00	00
Nursery Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Management of potted plants	00	00	00	00	00	00	00	00	00	00	00	00	00
Export potential of ornamental plants	00	00	00	00	00	00	00	00	00	00	00	00	00
Propagation techniques of Ornamental Plants	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00
d) Plantation crops													
Production and Management technology	00	00	00	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00
e) Tuber crops													
Production and Management technology	00	00	00	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00
f) Spices													
Production and Management technology	00	00	00	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00
g) Medicinal and Aromatic Plants													
Nursery management	00	00	00	00	00	00	00	00	00	00	00	00	00
Production and management technology	00	00	00	00	00	00	00	00	00	00	00	00	00
Post harvest technology and value addition	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00
III. Soil Health and Fertility Management													
Soil fertility management	00	00	00	00	00	00	00	00	00	00	00	00	00
Soil and Water Conservation	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Nutrient Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Production and use of organic inputs	00	00	00	00	00	00	00	00	00	00	00	00	00
Management of Problematic soils	00	00	00	00	00	00	00	00	00	00	00	00	00
Micro nutrient deficiency in crops	00	00	00	00	00	00	00	00	00	00	00	00	00
Nutrient Use Efficiency	00	00	00	00	00	00	00	00	00	00	00	00	00
Soil and Water Testing	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00
IV. Livestock Production and													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Management													
Dairy Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Poultry Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Piggery Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Rabbit Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Disease Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Feed management	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of quality animal products	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any Goat farming	00	00	00	00	00	00	00	00	00	00	00	00	00
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	05	00	99	99	00	23	23	00	28	28	00	150	150
Design and development of low/minimum cost diet	00	00	00	00	00	00	00	00	00	00	00	00	00
Designing and development for high nutrient efficiency diet	00	00	00	00	00	00	00	00	00	00	00	00	00
Minimization of nutrient loss in processing	02	00	23	23	00	09	09	00	16	16	00	48	48
Gender mainstreaming through SHGs	00	00	00	00	00	00	00	00	00	00	00	00	00
Storage loss minimization techniques	00	00	00	00	00	00	00	00	00	00	00	00	00
Enterprise development	03	00	33	33	00	17	17	00	19	19	00	69	69
Value addition	02	00	24	24	00	16	16	00	11	11	00	51	51
Income generation activities for empowerment of rural Women	01	00	17	17	00	06	06	00	05	05	00	28	28
Location specific drudgery reduction technologies	00	00	00	00	00	00	00	00	00	00	00	00	00
Rural Crafts	00	00	00	00	00	00	00	00	00	00	00	00	00
Capacity building	00	00	00	00	00	00	00	00	00	00	00	00	00
Women and child care	01	00	19	19	00	04	04	00	03	03	00	27	27
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	00	00	00	00	00	00	00	00	00	00	00	00	00
Use of Plastics in farming practices	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of small tools and implements	00	00	00	00	00	00	00	00	00	00	00	00	00
Repair and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00	00	00	00
Small scale processing and value addition	00	00	00	00	00	00	00	00	00	00	00	00	00
Post Harvest Technology	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00
VII. Plant Protection													
Integrated Pest Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Disease Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Bio-control of pests and diseases	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of bio control agents and bio pesticides	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00
VIII. Fisheries													
Integrated fish farming	00	00	00	00	00	00	00	00	00	00	00	00	00

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				
Carp breeding and hatchery management	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Carp fry and fingerling rearing	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Composite fish culture & fish disease	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Hatchery management and culture of freshwater prawn	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Breeding and culture of ornamental fishes	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Portable plastic carp hatchery	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Pen culture of fish and prawn	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Shrimp farming	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Edible oyster farming	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Pearl culture	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Fish processing and value addition	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00	00
IX. Production of Inputs at site														
Seed Production	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Planting material production	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Bio-agents production	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Bio-pesticides production	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Bio-fertilizer production	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Vermi-compost production	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Organic manures production	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of fry and fingerlings	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of Bee-colonies and wax sheets	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Small tools and implements	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of livestock feed and fodder	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of Fish feed	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00	00
X. Capacity Building and Group Dynamics														
Leadership development	01	21	0	21	2	0	2	0	0	0	23	0	23	
Group dynamics	02	41	0	41	7	2	9	0	0	0	48	2	50	
Formation and Management of SHGs	04	69	35	104	9	4	13	4	6	10	82	45	127	
Mobilization of social capital	00	00	00	00	00	00	00	00	00	00	00	00	00	
Entrepreneurial development of farmers/youths	02	40	2	42	0	0	0	4	0	4	44	2	46	
WTO and IPR issues	00	00	00	00	00	00	00	00	00	00	00	00	00	
Others, if any	02	37	0	37	11	0	11	4	0	4	52	0	52	
XI Agro-forestry														
Production technologies	00	00	00	00	00	00	00	00	00	00	00	00	00	
Nursery management	00	00	00	00	00	00	00	00	00	00	00	00	00	
Integrated Farming Systems	00	00	00	00	00	00	00	00	00	00	00	00	00	
XII. Others (Pl. Specify)	00	00	00	00	00	00	00	00	00	00	00	00	00	
TOTAL	29	567	63	630	67	40	107	57	10	67	691	113	804	

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Mushroom Production	5	12	221	233	06	52	58	18	23	41	36	296	332
Bee-keeping	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated farming	00	00	00	00	00	00	00	00	00	00	00	00	00
Seed production	02	22	00	22	08	00	08	22	22	44	52	22	74
Production of organic inputs	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Crop Management	01	19	00	19	03	00	03	04	00	04	26	00	26
Planting material production	00	00	00	00	00	00	00	00	00	00	00	00	00
Vermi-culture	00	00	00	00	00	00	00	00	00	00	00	00	00
Sericulture	00	00	00	00	00	00	00	00	00	00	00	00	00
Protected cultivation of vegetable crops	00	00	00	00	00	00	00	00	00	00	00	00	00
Commercial fruit production	00	00	00	00	00	00	00	00	00	00	00	00	00
Repair and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00	00	00	00
Nursery Management of Horticulture crops	00	00	00	00	00	00	00	00	00	00	00	00	00
Training and pruning of orchards	00	00	00	00	00	00	00	00	00	00	00	00	00
Value addition	02	00	42	42	00	04	04	00	07	07	00	53	53
Production of quality animal products	00	00	00	00	00	00	00	00	00	00	00	00	00
Dairying	00	00	00	00	00	00	00	00	00	00	00	00	00
Sheep and goat rearing	00	00	00	00	00	00	00	00	00	00	00	00	00
Quail farming	00	00	00	00	00	00	00	00	00	00	00	00	00
Piggery	00	00	00	00	00	00	00	00	00	00	00	00	00
Rabbit farming	00	00	00	00	00	00	00	00	00	00	00	00	00
Poultry production	00	00	00	00	00	00	00	00	00	00	00	00	00
Ornamental fisheries	00	00	00	00	00	00	00	00	00	00	00	00	00
Enterprise development	04	47	06	53	43	0	43	15	01	16	105	7	112
Para vets	00	00	00	00	00	00	00	00	00	00	00	00	00
Para extension workers	00	00	00	00	00	00	00	00	00	00	00	00	00
Composite fish culture	00	00	00	00	00	00	00	00	00	00	00	00	00
Freshwater prawn culture	00	00	00	00	00	00	00	00	00	00	00	00	00
Shrimp farming	00	00	00	00	00	00	00	00	00	00	00	00	00
Pearl culture	00	00	00	00	00	00	00	00	00	00	00	00	00
Cold water fisheries	00	00	00	00	00	00	00	00	00	00	00	00	00
Fish harvest and processing technology	00	00	00	00	00	00	00	00	00	00	00	00	00
Fry and fingerling rearing	00	00	00	00	00	00	00	00	00	00	00	00	00
Small scale processing	00	00	00	00	00	00	00	00	00	00	00	00	00
Post Harvest Technology	01	00	22	22	00	04	04	00	00	00	00	26	26
Tailoring and Stitching	00	00	00	00	00	00	00	00	00	00	00	00	00
Rural Crafts	00	00	00	00	00	00	00	00	00	00	00	00	00
Other (if any)	3	59	3	62	10	4	14	3	3	6	72	10	82
TOTAL	18	159	294	453	70	64	134	62	56	118	291	414	705

C) Extension Personnel (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	01	04	00	04	00	00	00	00	00	00	04	00	04
Value addition	01	19	03	22	03	00	03	00	00	00	22	03	25
Integrated Pest Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Nutrient management	00	00	00	00	00	00	00	00	00	00	00	00	00
Rejuvenation of old orchards	00	00	00	00	00	00	00	00	00	00	00	00	00
Protected cultivation technology	00	00	00	00	00	00	00	00	00	00	00	00	00
Formation and Management of SHGs	01	12	06	18	04	03	07	00	00	00	18	07	25
Group Dynamics and farmers organization	00	00	00	00	00	00	00	00	00	00	00	00	00
Information networking among farmers	00	00	00	00	00	00	00	00	00	00	00	00	00
Capacity building for ICT application	01	16	08	24	01	00	01	00	00	00	17	08	25
Care and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00	00	00	00
WTO and IPR issues	00	00	00	00	00	00	00	00	00	00	00	00	00
Management in farm animals	00	00	00	00	00	00	00	00	00	00	00	00	00
Livestock feed and fodder production	00	00	00	00	00	00	00	00	00	00	00	00	00
Household food security	01	19	04	23	04	00	04	00	00	00	23	04	27
Women and Child care	00	00	00	00	00	00	00	00	00	00	00	00	00
Low cost and nutrient efficient diet designing	00	00	00	00	00	00	00	00	00	00	00	00	00
Production and use of organic inputs	00	00	00	00	00	00	00	00	00	00	00	00	00
Gender mainstreaming through SHGs	00	00	00	00	00	00	00	00	00	00	00	00	00
Others(If Any)*	1	4	0	4	0	0	0	0	0	0	4	0	4
TOTAL	6	74	21	95	0	3	15	0	0	0	88	22	110

D) Farmers and farm women (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	01	2	9	11	1	7	8	1	4	5	4	20	24
Resource Conservation Technologies	01	20		20	4		4	1		1	25	0	25
Cropping Systems	00	00	00	00	00	00	00	00	00	00	00	00	00
Crop Diversification	01	20		20	1	4	5	2		2	23	4	27
Integrated Farming	00	00	00	00	00	00	00	00	00	00	00	00	00
Water management	00	00	00	00	00	00	00	00	00	00	00	00	00
Seed production	00	00	00	00	00	00	00	00	00	00	00	00	00
Nursery management	01	20		20	5		5	1		1	26	0	26
Integrated Crop Management	09	195	1	196	33	1	34	12	0	12	240	2	242
Fodder production	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of organic inputs	00	00	00	00	00	00	00	00	00	00	00	00	00
Other	00	00	00	00	00	00	00	00	00	00	00	00	00
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	00	00	00	00	00	00	00	00	00	00	00	00	00
Water management	00	00	00	00	00	00	00	00	00	00	00	00	00
Enterprise development	00	00	00	00	00	00	00	00	00	00	00	00	00
Skill development	00	00	00	00	00	00	00	00	00	00	00	00	00

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				
Yield increment	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of low volume and high value crops	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Off-season vegetables	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Nursery raising	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Export potential vegetables	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Grading and standardization	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Protective cultivation (Green Houses, Shade Net etc.)	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	07	148	0	148	2	0	2	0	0	0	150	0	150	
b) Fruits														
Layout and Management of Orchards	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Cultivation of Fruit	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Management of young plants/orchards	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Rejuvenation of old orchards	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Export potential fruits	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Micro irrigation systems of orchards	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Plant propagation techniques	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00	00
c) Ornamental Plants														
Nursery Management	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Management of potted plants	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Export potential of ornamental plants	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Propagation techniques of Ornamental Plants	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00	00
d) Plantation crops														
Production and Management technology	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00	00
e) Tuber crops														
Production and Management technology	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00	00
f) Spices														
Production and Management technology	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00	00
g) Medicinal and Aromatic Plants														
Nursery management	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Production and management technology	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Post harvest technology and value addition	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00	00
III. Soil Health and Fertility Management														
Soil fertility management	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Soil and Water Conservation	00	00	00	00	00	00	00	00	00	00	00	00	00	00

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Integrated Nutrient Management	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Production and use of organic inputs	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Management of Problematic soils	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Micro nutrient deficiency in crops	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Nutrient Use Efficiency	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Soil and Water Testing	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00	00
IV. Livestock Production and Management														
Dairy Management	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Poultry Management	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Piggery Management	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Rabbit Management	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Disease Management	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Feed management	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of quality animal products	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any Goat farming	00	00	00	00	00	00	00	00	00	00	00	00	00	00
V. Home Science/Women empowerment														
Household food security by kitchen gardening and nutrition gardening	02	00	23	23	00	08	08	00	12	12	00	43	43	
Design and development of low/minimum cost diet	01	00	22	22	00	3	3	00	00	00	00	25	25	
Designing and development for high nutrient efficiency diet	00	00	00	00	00	00	00	00	00	00	00	00	00	
Minimization of nutrient loss in processing	00	00	00	00	00	00	00	00	00	00	00	00	00	
Gender mainstreaming through SHGs	01	00	21	21	00	6	6	00	3	3	00	30	30	
Storage loss minimization techniques	00	00	00	00	00	00	00	00	00	00	00	00	00	
Enterprise development	02	16	31	47	00	00	00	00	00	00	16	31	47	
Value addition	01	11	19	30	00	00	00	00	00	00	11	19	30	
Income generation activities for empowerment of rural Women	02	00	42	42	00	3	3	00	9	9	00	54	54	
Location specific drudgery reduction technologies	00	00	00	00	00	00	00	00	00	00	00	00	00	
Rural Crafts	00	00	00	00	00	00	00	00	00	00	00	00	00	
Capacity building	00	00	00	00	00	00	00	00	00	00	00	00	00	
Women and child care	01	00	22	22	00	3	0	00	4	4	00	29	29	
Others, if any	05	00	80	80	00	00	00	00	00	00	00	80	80	
VI. Agril. Engineering														
Installation and maintenance of micro irrigation systems	00	00	00	00	00	00	00	00	00	00	00	00	00	
Use of Plastics in farming practices	00	00	00	00	00	00	00	00	00	00	00	00	00	
Production of small tools and implements	00	00	00	00	00	00	00	00	00	00	00	00	00	
Repair and maintenance of	00	00	00	00	00	00	00	00	00	00	00	00	00	

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			
farm machinery and implements													
Small scale processing and value addition	00	00	00	00	00	00	00	00	00	00	00	00	00
Post Harvest Technology	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00
VII. Plant Protection													
Integrated Pest Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Disease Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Bio-control of pests and diseases	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of bio control agents and bio pesticides	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00
VIII. Fisheries													
Integrated fish farming	00	00	00	00	00	00	00	00	00	00	00	00	00
Carp breeding and hatchery management	00	00	00	00	00	00	00	00	00	00	00	00	00
Carp fry and fingerling rearing	00	00	00	00	00	00	00	00	00	00	00	00	00
Composite fish culture & fish disease	00	00	00	00	00	00	00	00	00	00	00	00	00
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	00	00	00	00	00	00	00	00	00	00	00	00	00
Hatchery management and culture of freshwater prawn	00	00	00	00	00	00	00	00	00	00	00	00	00
Breeding and culture of ornamental fishes	00	00	00	00	00	00	00	00	00	00	00	00	00
Portable plastic carp hatchery	00	00	00	00	00	00	00	00	00	00	00	00	00
Pen culture of fish and prawn	00	00	00	00	00	00	00	00	00	00	00	00	00
Shrimp farming	00	00	00	00	00	00	00	00	00	00	00	00	00
Edible oyster farming	00	00	00	00	00	00	00	00	00	00	00	00	00
Pearl culture	00	00	00	00	00	00	00	00	00	00	00	00	00
Fish processing and value addition	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00
IX. Production of Inputs at site													
Seed Production	00	00	00	00	00	00	00	00	00	00	00	00	00
Planting material production	00	00	00	00	00	00	00	00	00	00	00	00	00
Bio-agents production	00	00	00	00	00	00	00	00	00	00	00	00	00
Bio-pesticides production	00	00	00	00	00	00	00	00	00	00	00	00	00
Bio-fertilizer production	00	00	00	00	00	00	00	00	00	00	00	00	00
Vermi-compost production	00	00	00	00	00	00	00	00	00	00	00	00	00
Organic manures production	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of fry and fingerlings	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of Bee-colonies and wax sheets	00	00	00	00	00	00	00	00	00	00	00	00	00
Small tools and implements	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of livestock feed and fodder	00	00	00	00	00	00	00	00	00	00	00	00	00
Production of Fish feed	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	00	00	00	00	00	00	00	00	00	00	00	00	00
X. Capacity Building and													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Group Dynamics													
Leadership development	03	54	18	72	8	0	8	1	0	1	63	18	81
Group dynamics	02	21	36	57	2	15	17	1	0	1	24	51	75
Formation and Management of SHGs	06	88	10	98	13	2	15	22	20	42	123	32	155
Mobilization of social capital	00	00	00	00	00	00	00	00	00	00	00	00	00
Entrepreneurial development of farmers/youths	00	00	00	00	00	00	00	00	00	00	00	00	00
WTO and IPR issues	01	16	0	16	4	0	4	3	0	3	23	0	23
Others, if any	01	18	0	18	0	0	0	0	0	0	18	0	18
XI Agro-forestry													
Production technologies	00	00	00	00	00	00	00	00	00	00	00	00	00
Nursery management	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Farming Systems	00	00	00	00	00	00	00	00	00	00	00	00	00
XII. Others (Pl. Specify)	00	00	00	00	00	00	00	00	00	00	00	00	00
TOTAL	33	602	74	676	73	29	102	44	24	68	719	127	846

(E)RURAL YOUTH (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	07	52	104	156	08	24	32	12	36	48	72	164	236
Bee-keeping	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated farming	00	00	00	00	00	00	00	00	00	00	00	00	00
Seed production	01	20	01	21	06	00	06	00	00	00	26	01	27
Production of organic inputs	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated nutrient management	00	00	00	00	00	00	00	00	00	00	00	00	00
Planting material production	00	00	00	00	00	00	00	00	00	00	00	00	00
Vermi-culture	00	00	00	00	00	00	00	00	00	00	00	00	00
Sericulture	00	00	00	00	00	00	00	00	00	00	00	00	00
Protected cultivation of vegetable crops	00	00	00	00	00	00	00	00	00	00	00	00	00
Commercial fruit production	00	00	00	00	00	00	00	00	00	00	00	00	00
Repair and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00	00	00	00
Nursery Management of Horticulture crops	00	00	00	00	00	00	00	00	00	00	00	00	00
Training and pruning of orchards	00	00	00	00	00	00	00	00	00	00	00	00	00
Value addition	01	92	5	97	00	15	15	00	06	06	92	26	118
Production of quality animal products	00	00	00	00	00	00	00	00	00	00	00	00	00
Dairying	00	00	00	00	00	00	00	00	00	00	00	00	00
Sheep and goat rearing	00	00	00	00	00	00	00	00	00	00	00	00	00
Quail farming	00	00	00	00	00	00	00	00	00	00	00	00	00
Piggery	00	00	00	00	00	00	00	00	00	00	00	00	00
Rabbit farming	00	00	00	00	00	00	00	00	00	00	00	00	00
Poultry production	00	00	00	00	00	00	00	00	00	00	00	00	00
Ornamental fisheries	00	00	00	00	00	00	00	00	00	00	00	00	00
Para vets	00	00	00	00	00	00	00	00	00	00	00	00	00
Para extension workers	00	00	00	00	00	00	00	00	00	00	00	00	00
Composite fish culture	00	00	00	00	00	00	00	00	00	00	00	00	00
Freshwater prawn culture	00	00	00	00	00	00	00	00	00	00	00	00	00

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Shrimp farming	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Pearl culture	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Cold water fisheries	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Fish harvest and processing technology	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Fry and fingerling rearing	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Small scale processing	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Post Harvest Technology	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Tailoring and Stitching	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Rural Crafts	00	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	03	58	16	74	03	9	12	00	00	00	61	25	86	
TOTAL	12	222	126	348	17	48	65	12	42	54	251	216	467	

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Productivity enhancement in field crops	01	18	00	18	02	01	03	01	00	01	21	01	22
Integrated Pest Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Nutrient management	00	00	00	00	00	00	00	00	00	00	00	00	00
Rejuvenation of old orchards	00	00	00	00	00	00	00	00	00	00	00	00	00
Protected cultivation technology	00	00	00	00	00	00	00	00	00	00	00	00	00
Formation and Management of SHGs	01	22	05	27	00	00	00	00	00	00	22	05	27
Group Dynamics and farmers organization	00	00	00	00	00	00	00	00	00	00	00	00	00
Information networking among farmers	00	00	00	00	00	00	00	00	00	00	00	00	00
Capacity building for ICT application	02	47	01	48	07	01	08	03	0	03	57	02	59
Care and maintenance of farm machinery and implements	00	00	00	00	00	00	00	00	00	00	00	00	00
WTO and IPR issues	00	00	00	00	00	00	00	00	00	00	00	00	00
Management in farm animals	00	00	00	00	00	00	00	00	00	00	00	00	00
Livestock feed and fodder production	00	00	00	00	00	00	00	00	00	00	00	00	00
Household food security	02	25	09	34	12	04	16	00	00	00	37	13	50
Women and Child care	00	00	00	00	00	00	00	00	00	00	00	00	00
Low cost and nutrient efficient diet designing	00	00	00	00	00	00	00	00	00	00	00	00	00
Production and use of organic inputs	00	00	00	00	00	00	00	00	00	00	00	00	00
Gender mainstreaming through SHGs	00	00	00	00	00	00	00	00	00	00	00	00	00
Crop intensification	00	00	00	00	00	00	00	00	00	00	00	00	00
Other (If Any)*	00	00	00	00	00	00	00	00	00	00	00	00	00
TOTAL	6	112	15	127	21	6	27	4	0	4	137	21	158

G) Consolidated table (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			
I. Crop Production													
Weed Management	1	2	9	11	1	7	8	1	4	5	4	20	24
Resource Conservation Technologies	1	20	0	20	4	0	4	1	0	1	25	0	25
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	1	20	0	20	1	4	5	2	0	2	23	4	27
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	1	15	2	17	3	1	4	7	0	7	25	3	28
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	1	20	0	20	5	0	5	1	0	1	26	0	26
Integrated Crop Management	18	343	25	368	63	11	74	49	4	53	455	40	495
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)	1	21	0	21	3	0	3	1	0	1	25	0	25
II. Horticulture													
a) Vegetable Crops													
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	0	0	0	0	0	0	0	0	0	0	0	0	0
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	14	323	0	323	4	23	27	0	0	0	327	23	350
b) Fruits													
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													
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	0	0	0	0	0	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Ornamental Plants													
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	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													
Dairy Management	0	0	0	0	0	0	0	0	0	0	0	0	0
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Household food security by kitchen gardening and nutrition gardening	7	0	122	122	0	31	31	0	40	40	0	193	193
Design and development of low/minimum cost diet	1	0	22	22	0	3	3	0	0	0	0	25	25
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	2	0	23	23	0	9	9	0	16	16	0	48	48
Gender mainstreaming through SHGs	1	0	21	21	0	6	6	0	3	3	0	30	30
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	5	16	64	80	0	17	17	0	19	19	16	100	116
Value addition	3	11	43	54	0	16	16	0	11	11	11	70	81
Income generation activities for empowerment of rural Women	3	0	59	59	0	9	9	0	14	14	0	82	82
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	2	0	41	41	0	7	4	0	7	7	0	56	56
Others, if any	5	0	80	80	0	0	0	0	0	0	0	80	80
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries	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	0	0	0	0	0	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
disease													
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													
Leadership development	4	75	18	93	10	0	10	1	0	1	86	18	104
Group dynamics	4	62	36	98	9	17	26	1	0	1	72	53	125
Formation and Management of SHGs	10	157	45	202	22	6	28	26	26	52	205	77	282
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	2	40	2	42	0	0	0	4	0	4	44	2	46
WTO and IPR issues	1	16	0	16	4	0	4	3	0	3	23	0	23
Others, if any	3	55	0	55	11	0	11	4	0	4	70	0	70
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	91	1196	612	1808	140	167	304	101	144	245	1437	924	2361

E) 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	12	64	325	389	14	76	90	30	59	89	108	460	568
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	3	42	1	43	14	0	14	22	22	44	78	23	101
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	1	19	0	19	3	0	3	4	0	4	26	0	26
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	3	92	47	139	0	19	19	0	13	13	92	79	171
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	4	47	6	53	43	0	43	15	1	16	105	7	112
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	1	0	22	22	0	4	4	0	0	0	0	26	26
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
Others, if any	6	117	19	136	13	13	26	3	3	6	133	35	168
Total	30	381	420	801	87	112	199	74	98	172	542	630	1172

F) Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Productivity enhancement in field crops	2	22	0	22	2	1	3	1	0	1	25	1	26
Integrated Pest Management	1	19	3	22	3	0	3	0	0	0	22	3	25
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	2	34	11	45	4	3	7	0	0	0	40	12	52
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	3	63	9	72	8	1	9	3	0	3	74	10	84
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	3	44	13	57	16	4	20	0	0	0	60	17	77
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
Other (If Any)	1	4	0	4	0	0	0	0	0	0	4	0	4
TOTAL	12	186	36	222	33	9	42	4	0	4	225	43	268

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Ext. Edu.	PF	Productivity Enhancement measures in Maize and wheat	1	ON	26	0	26	3	0	3
Ext. Edu.	RY	Leadership development for technology dissemination	1	OFF	20	10	30	0	7	7
Agro.	PF	Agronomic Management practices in wheat	1	ON	27	0	27	4	0	4
Agro.	PF	Agronomics Management of maize	1	OFF	22	0	22	2	0	2
Hort.	PF	Nursery Management and seed Production	1	OFF	18	0	18	0	0	0
Ext. Edu.	PF	Formation and management of SHGs	1	ON	27	2	29	3	2	5
Ext. Edu.	RY	Entrepreneurship development through organic farming	1	ON	26	1	27	4	1	5
Agro.	PF	Agronomic Management practices in wheat	1	ON	27	0	27	5	0	5
Agro.	RY	Agronomic Management practices in wheat	1	ON	26	0	26	7	0	7

Agro.	PF	Irrigation Management in wheat	1	Off	25	0	25	4	0	4
Agro.	PF	wheat cultivation of raised bed method	1	Off	40	0	40	6	0	6
Agro.	RY	Weed Management in Jute	1	Off	23	2	25	3	2	5
Agro.	EF	Productivity enhancement in Jite	1	Off	21	1	22	3	1	4
Ext. Edu.	PF	Income generation activities	1	Off	16	20	36	16	20	36
Ext. Edu.	PF	Productivities enhancement in Maize & Wheat	1	Off	18	0	18	0	0	0
Ext. Edu.	RY	Productivities enhancement in Maize & Wheat	1	ON	26	1	27	4	0	4
Ext. Edu.	PF	Formation & Management of SHGs	1	ON	21	4	25	1	4	5
Ext. Edu.	PF	Formation & Management of SHGs	1	ON	23	2	25	7	2	9
Ext. Edu.	PF	Leadership development for technology dissemination	1	On	23	0	23	2	0	2
Ext. Edu.	RY	Entrepreneurship development through organic farming	4	ON	23	2	25	13	0	13
Hort.	PF	Care and Maintenance of Mango orchid	1	Off	19	0	19	0	0	0
Hort.	PF	Cultivation of Moong	1	Off	18	0	18	0	0	0
Agro.	PF	Irrigation Management in Maize	1	Off	25	0	25	8	0	8
Agro.	PF	Scientific cultivation of Green Gram	1	OFF	30	0	30	7	0	7
Agro.	PF	Scientific Cultivation of Black Gram	1	Off	30	0	30	6	0	6
Agro.	RY	Diversification of rice wheat cropping system	4	ON	24	1	25	5	1	6
Agro.	PF	Irrigation Management in Crops	1	ON	35	0	35	11	0	11
Agro.	PF	Scientific cultivation of Green Gram	1	Off	22	0	22	4	0	4
Agro.	RY	Storage technique of seed	4	ON	22	22	44	21	22	43
Agro.	EF	Direct seeded rice	1	Off	26	0	26	5	0	5
Hort.	Pf	Scientific Cultivation of Kharif Vegetable	1	Off	23	0	23	2	0	2
Ext. Edu.	PF	Technology dissemination through leadership development	1	Off	17	9	26	4	0	4
Ext. Edu.	pf	Entrepreneurship development through poultry	1	ON	26	0	26	4	0	4
Ext. Edu.	PF	Income generation activities among group members	1	ON	21	0	21	0	0	0
Ext. Edu.	EF	Productivity enhancement measures in paddy	1	Off	13	0	13	1	0	1
Agro.	PF	Nursery management in paddy	1	Off	26	0	26	6	0	6
Agro.	PF	Scientific cultivation and different methods of crops establishment in Paddy	1	ON	19	6	25	11	5	16
Agro.	RY	seed production in Paddy	1	Off	26	1	27	6	0	6
Agro.	PF	Preparation of Jivamrit	1	ON	25	0	25	4	0	4
Agro.	Pf	Weed management in kharif crops	1	Off	4	20	24	2	11	13
Agro.	PF	Diversification of rice wheat cropping system by soyabean and maize	1	OFF	23	4	27	3	4	7
Agro.	Pf	Scientific cultivation of soyabean	1	ON	26	0	26	10	0	10
Agro.	RY	Seed production technique of Paddy	3	ON	30	0	30	9	0	9
Agro.	EF	Management of DSR	1	ON	4	0	4	0	0	0
Ext. Edu.	PF	SHGs formation and its management	1	ON	17	39	56	5	4	9

Ext. Edu.	PF	Technology dissemination through leadership development	1	Off	16	9	25	5	0	5
Ext. Edu.	PF	Productivity enhancement of paddy thorough bio fertilizers	1	ON	26	0	26	12	0	12
Ext. Edu.	PF	Income generation activities among group members	1	Off	25	0	25	8	0	8
Ext. Edu.	RY	Entrepreneurship development through organic farming	3	ON	26	4	30	14	0	14
Ext. Edu.	EF	Productivity enhancement measures inPaddy	1	ON	4	0	4	0	0	0
Hort.	PF	Scientific cultivation of Brinjal	1	ON	25	0	25	0	0	0
Hort.	PF	Cultivation of Banana	1	Off	48	0	48	0	0	0
Hort.	PF	Scientist Cultivation of Brinjal	1	ON	15	0	15	0	0	0
Hort.	PF	Cultivation of tomato	1	On	36	0	36	0	0	0
Ext. Edu.	PF	SHGs formation and its management	1	Off	22	8	30	0	0	0
Ext. Edu.	Pf	Technology dissemination through leadership development	1	Off	30	0	30	0	0	0
Ext. Edu.	RY	Enterpreneurship development throughBeekeeping	4	ON	30	0	30	27	0	27
Agro.	PF	Water Management in kharif crops	1	On	25	3	28	10	1	11
Agro.	PF	Scientific Cultivation of millets	1	OFF	24	0	24	3	0	3
Agro.	PF	Cultivation of drought tolerant crops	1	On	13	17	30	3	2	5
Agro.	EF	wheat cultivation of raised bed method	1	OFF	31	2	33	5	1	6
Ext. Edu.	PF	Awareness and use of market intelligence	1	OFF	23	0	23	7	0	7
Ext. Edu.	PF	Formation and management of SHGs	1	OFF	24	0	24	3	0	3
Hort.	PF	Scientist Cultivation of Papaya	1	ON	16	0	16	1	0	1
Hort.	PF	Cultivation of Vegetable	1	On	50	0	50	0	0	0
Agro.	PF	Scientific Cultivation of Oilseed Crop	1	On	20	7	27	5	3	8
Agro.	Pf	Cultivation of wheat by zero tillage	1	Off	25	0	25	5	0	5
Ext. Edu.	PF	SHGs formation and its management	1	Off	21	0	21	0	0	0
Hort.	PF	Natural Farming in Vegetable Production	1	On	16	0	16	1	0	1
Hort.	PF	Scientific Cultivation of Tomato	1	Off	0	23	23	0	23	23
Ext. Edu.	PF	Income generation activities among group members	1	OFF	21	2	23	7	1	8
Ext. Edu.	PF	Formation and management of SHGs	1	Off	18	2	20	4	1	5
Ext. Edu.	PF	Entrepreneurship development through Maize Production	1	ON	18	2	20	0	0	0
Agro.	PF	Scientific Cultivation of Oilseed Crop	1	ON	22	8	30	3	4	7
Agro.	PF	Scientific Cutivation of Mustard	1	ON	26	0	26	15	0	15
Agro.	RY	Natural farming	1	On	22	8	30	4	6	10
Agro.	PF	Agronomic Management practices in Maize	1	OFF	22	2	24	5	1	6
Ext. Edu.	PF	Formation and management of SHGs	1	Off	0	51	51	0	15	15
Ext. Edu.	PF	Natural Farming through SHGs	1	On	21	0	21	4	0	4
Ext. Edu.	RY	Agro ecosystem anlysis of adopted village	1	Off	18	13	31	0	0	0
Hort.	PF	Scientific Cultivation of Pointed gourd	1	ON	19	0	19	0	0	0
Hort.	PF	Scientific Cultivation of water melon and musk melon	1	Off	24	0	24	0	0	0

Hort.	RY	Scientific Cultivation of methods of making mango pickles and Gava jelly for rural youth	1	Off	92	26	118	0	21	21
Home Science	RY	Oyster and button mushroom production	1	ON	35	35	70	5	3	8
Home Science	PF	Entrepreneurship development through value added product of mushroom	1	ON	35	35	70	5	3	8
Home Science	RY	Scientific Cultivation of Milky White Mushroom	1	OFF	13	16	29	5	0	0
Home Science	PF	Scientific Cultivation of Milky white Mushroom	1	OFF	9	19	28	3	2	2
Home Science	PF	Household Food Security by Kitchen and Nutritional gardening	02	ON	0	23	23	0	20	20
Home Science	PF	Establishment of nutritional garden at aganbari kendra	01	ON	0	22	22	0	3	3
Home Science	PF	Gender Mainstreaming through SHGs	01	ON	0	21	21	0	9	9
Home Science	PF	Enterprise Development through food processing	02	ON	16	31	47	0	0	0
Home Science	PF	Household food security	01	ON	0	22	22	0	7	7

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 elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
organic farming	Entrepreneurial development of farmers/ youth	Entrepreneurship development through organic farming	4	23	2	25	01	5	10	02
Rice	Crop diversification	Diversification of rice wheat cropping system	4	24	1	25	20	20	20	03
Storage technique	Seed Production & storage	Storage technique of seed	4	22	22	44	16	16	16	05
Paddy	Seed Production	Seed production technique of Paddy	3	30	0	30	18	18	18	03
organic farming	Entrepreneurial development of farmers/ youth	Entrepreneurship development through organic farming	3	26	4	30	01	06	12	03
Beekeeping	Entrepreneurial development of farmers/ youth	Entrepreneurship development through Beekeeping	4	30	0	30	12	12	12	05
Mushroom Production	Nutritional Security	Nutritional Security through Mushroom Production	4	24	1	25	01	5	8	02

*training title should specify the major technology /skill transferred

D) Sponsored Training Programmes

S.N	Name of sponsoring Agency	Topic	Date	Venue	No of Baneficiaries						Total
					Other		SC		ST		
					M	F	M	F	M	F	
1	ATMA, Katihar	Rabi Vegetable Production	02.11.2022	Mansahi	100	0	0	0	0	0	100
2	ATMA, Katihar	Rabi Vegetable Production	03.11.2022	Manihari	125	0	0	0	0	0	125
3	ATMA, Katihar	Rabi Vegetable Production	04.11.2022	Ahmadabad	150	0	0	0	0	0	150
4	ATMA, Katihar	Rabi Vegetable Production	05.11.2022	Dhandkhor a	110	0	0	0	0	0	110
5	ATMA, Katihar	Rabi Vegetable Production	06.11.2022	Hasanganj	200	0	0	0	0	0	200
6	ATMA, Katihar	Rabi Vegetable Production	09.11.2022	Pranpur	150	0	0	0	0	0	150
7	ATMA, Katihar	Rabi Vegetable Production	10.11.2022	kadwa	125	0	0	0	0	0	125
8	ATMA, Katihar	Rabi Vegetable Production	11.11.2022	Balrampur	90	0	0	0	0	0	90
9	ATMA, Katihar	Rabi Vegetable Production	12.11.2022	Barsoi	100	0	0	0	0	0	100
10	Bharat Jayanti	Bamboo Craft	25.11.2022	Off	33	0	0	0	0	0	33
11	ATMA, Katihar	Scientific Cultivation of Tomato	26.10.2022	Korha	150	0	0	0	0	0	150
12	ATMA, Katihar	Scientific Cultivation of Brinjal	27.10.2022	Barari	95	0	0	0	0	0	95
13	ATMA, Katihar	Scientific Cultivation of Cauliflower	28.10.2022	Kursela	120	0	0	0	0	0	120
14	KVK, Sabour	Direct Seeded Rice	06.09.2022	ON	27	0	7	0	3	0	37
15	IFFCo, Katihar	Poshan Maah	17.09.2022	On	18	0	7	0	5	0	30
16	ATMA, Katihar	Post Harvest Technology	29.09.2022	Krishi Bhawan	105	0	0	0	0	0	105
17	ATMA, Katihar	Production of vegetable	01.08.2022	Barari	51	0	0	0	0	0	51
18	ATMA, Katihar	Production of vegetable	03.08.2022	Kadwa	46	0	0	0	0	0	46
19	ATMA, Katihar	Production of vegetable	04.08.2022	Mansahi	57	0	0	0	0	0	57
20	Matrix Fertilizer & Chemical limited	Formation of farmers interedt group	30.08.2022	Off	38	0	6	0	2	0	46
21	IFFCo, Katihar	Use of Neno Urea	11.07.2022	ON	38	0	6	0	2	0	46
22	ATMA, Katihar	Cultivation of kharif vegetable	09.06.2022	Azamnagar	76	0	0	0	0	0	76
23	ATMA, Katihar	Cultivation of kharif vegetable	10.06.2022	Barsoi	55	0	0	0	0	0	55
24	ATMA, Katihar	Formation and Management of SHGs	03.06.2022	Off	22	8	6	2	0	0	38
25	IFFCOR, Katihar	Income Generation activities among group member	20.06.2022	ON	18	2	0	6	0	0	26
26	IFFCOR, Katihar	DSR Cultivation	13.06.2022	ON	3	4	1	4	2	8	22
27	IFFCOR, Katihar	Scientific Paddy Cultivation	20.06.2022	ON	18	2	0	0	0	0	20
28	ATMA, Katihar	Garib Kalyan Abhiyan	31.05.2022	ON	23	0	7	1	4	0	35
29	BISA, Samastipur	Lazar Land Levelling	25.04.2022	Off	38	5	6	0	1	0	50
30	Coconut development Board, Patna	Scientific Cultivation of Coconut	29.04.2022	Lahsa	55	0	0	0	0	0	55

31	ATMA, Katihar	Scientific Cultivation of summer Vegetable	04.03.2022	Barsoi	55	0	0	0	0	0	55
32	ATMA, Katihar	Scientific Cultivation of summer Vegetable	05.03.2022	Daramganj	102	0	0	0	0	0	102
33	Horticultural Deptt, Katihar	Care and Management of Mango	28.03.2022	Bhawara Koti	117	0	0	0	0	0	117
34	Effco, Katihar	Krishak Gosthi	10.01.2022	ON Campus	105	0	5	0	6	0	116

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management	24	441	36	477	142	31	173	583	67	650
Increasing production and productivity of crops	00	00	00	00	00	00	00	00	00	00
Commercial production of vegetables	14	323	00	323	04	23	27	327	23	350
Production and value addition	00	00	00	00	00	00	00	00	00	00
Fruit Plants	00	00	00	00	00	00	00	00	00	00
Ornamental plants	00	00	00	00	00	00	00	00	00	00
Spices crops	00	00	00	00	00	00	00	00	00	00
Soil health and fertility management	00	00	00	00	00	00	00	00	00	00
Production of Inputs at site	00	00	00	00	00	00	00	00	00	00
Methods of protective cultivation	00	00	00	00	00	00	00	00	00	00
Other										
Total	38	764	36	800	146	54	200	910	90	1000
Post harvest technology and value addition	00	00	00	00	00	00	00	00	00	00
Processing and value addition	00	00	00	00	00	00	00	00	00	00
Other	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
Farm machinery	00	00	00	00	00	00	00	00	00	00
Farm machinery, tools and implements	00	00	00	00	00	00	00	00	00	00
Other	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
Livestock and fisheries	00	00	00	00	00	00	00	00	00	00
Livestock production and management	00	00	00	00	00	00	00	00	00	00
Animal Nutrition Management	00	00	00	00	00	00	00	00	00	00
Animal Disease Management	00	00	00	00	00	00	00	00	00	00
Fisheries Nutrition	00	00	00	00	00	00	00	00	00	00
Fisheries Management	00	00	00	00	00	00	00	00	00	00
Other	00	00	00	00	00	00	00	00	00	00
Total	00	00	00	00	00	00	00	00	00	00
Home Science	00	00	00	00	00	00	00	00	00	00
Household nutritional security	07	00	122	122	00	71	71	00	193	193
Economic empowerment of women	22	27	353	380	00	137	137	27	491	518
Drudgery reduction of women	00	00	00	00	00	00	00	00	00	00
Other	00	00	00	00	00	00	00	00	00	00
Total	29	27	475	502	0	208	208	27	684	711
Agricultural Extension	00	00	00	00	00	00	00	00	00	00
Capacity Building and Group Dynamics	21	350	101	451	80	49	129	430	150	580
Other	03	55	00	55	15	00	15	70	00	70
Total	24	405	101	506	95	49	144	500	150	650
Grant Total	91	1196	612	1808	241	311	552	1437	924	2361

3.4. A. Extension 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
Field Day	16	480	178	558	6.4	17	9	26	497	204	701
Kisan Mela	1	210	78	288	8.5	22	8	30	232	86	318
Exhibition	6	1050	330	1380	7.6	18	2	20	1068	332	1400
Film Show	12	530	205	755	8.5	26	9	35	556	214	770
Method Demonstrations	0	0	0	0	0			0	0	0	0
Farmers Seminar	1	29	4	33	3.3	4	2	6	33	6	39
Workshop	1	51	8	59	4.3	4	2	6	55	10	65
Group meetings	18	410	130	540	6.3	23	9	32	433	139	572
Lectures delivered as resource persons	38	910	315	1225	5.3	41	12	53	952	327	1279
Scientific visit to farmers field	18	987	223	1210	7.6	35	6	41	1022	229	1251
Farmers visit to KVK	1830	1540	290	1830	6.3			0	1540	290	1830
Diagnostic visits	35	267	157	424	7.1	18	3	21	285	160	445
Exposure visits	17	799	69	868	6.0	4	0	4	803	69	872
Ex-trainees Sammelan	2	52	19	71	3.5	0	0	0	52	19	71
Soil health Camp	1	69	12	81	3.5	8	2	10	77	14	91
Animal Health Camp	0	0	0	0		0	0	0	0	0	0
Agri mobile clinic	0	0	0	0		0	0	0	0	0	0
Soil test campaigns	0	0	0	0		0	0	0	0	0	0
Farm Science Club Conveners meet	1	52	10	62	6.3	3	0	3	55	10	65
Self Help Group Conveners meetings	8	49	157	206	5.2	3	8	11	52	165	217
Mahila Mandals Conveners meetings	0	0	0	0		0		0	0	0	0
Special Programmes (specify)	0	0	0	0		0		0	0	0	0
Sankalp Se Siddhi	0	0	0	0		0		0	0	0	0
Swatchta Hi Sewa	16	112	230	342	6.5	16	6	22	128	236	364
Total	2021	7597	2415	9932		242	78	320	7840	2510	10350

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	189
Radio talks	16
TV talks	02
Popular articles	06
Extension Literature	00
Other, if any	02

B. Celebration of important days

Celebration of Important Days	No. of activities	Farmers				Extension Officials			Total		
		M	F	Total	SC/ ST (% of total)	M	F	Total	M	F	Total
Republic day (26 th Jan.)	1	20	8	28	3.5	4	2	6	24	10	34
International Women's Day (8 th Mar.)	1	0	55	55	14.9	7	10	17	7	65	72
Ambedkar Jayanti (14 th Apr.)	1	12	3	15	2.12	0	0	0	12	3	15
International Yoga Day (21 st Jun.)	1	8	3	11	0	0	0	0	8	3	11

Independence Day (15 th Aug.)	1	15	4	19	3.6	3	1	4	18	5	23
Parthenium Awareness Week (16 th to 22 nd Aug.)	1	134	65	199	5.89	8	4	12	142	69	211
Hindi Diwas (14 th Sep.)	1	11	3	14	3.9	0	0	0	11	3	14
Gandhi Jayanti (2 nd Oct.)	1	15	5	20	3.48	3	0	3	18	5	23
Mahila Kisan Diwas (15 th Oct.)	1	6	43	49	6.89	2	5	7	8	48	56
World Food Day (16 th Oct.)	1	10	2	12	7.3	0	0	0	10	2	12
Vigilance Awareness Week (27 th Oct. to 2 nd Nov.)	1	13	17	30	0	1	0	1	14	17	31
National Unity Day (31 st Oct.)	1	16	17	33	6.21	5	1	6	21	18	39
World Science Day (10 th Nov.)	1	21	13	34	4.87	6	0	6	27	13	40
National Education Day (11 th Nov.)	1	13	17	30	3.24	4	0	4	17	17	34
National Constitution Day (26 th Nov.)	1	13	6	19	2.89	0	0	0	13	6	19
World Soil Day (5 th Dec.)	1	53	26	79	5.74	5	2	7	58	28	86
Kisan Diwas (23 rd Dec.)	1	30	11	41	9.45	3	5	5	33	16	49

D. Interaction/Live telecast programme of Hon'ble PM/Hon'ble AM

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total
1	01.01.2022	Pradhan Mantri Kisan Samman Nidhi	Interaction of Hon'ble PM	38	06	00	44
2	26.04.2022	Kisan Bhagidari Prathmikta Humari	Interaction of Hon'ble PM	300	13	05	318
3	31.05.2022	Garib Kalyan Abhiyan Shat pratishat sashaktikaran	Interaction of Hon'ble PM	35	14	02	51
4	16.07.2022	94th ICAR Foundation Day	Live telecast Programme of Hon'ble AM	36	15	01	52
5	17.10.2022	Pradhan Mantri Kisan Samman Nidhi	Interaction of Hon'ble PM	302	15	01	318

3.5 a. Production and supply of Technological products

Village seed- N/A

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	--	-	-	-	-	-	-	-

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Wheat	HD-2967	55.00	220000.00	Sent to DSF, Sabour			
Paddy	Sabour Shree	99.00	396000.00				
Makhana	Sabour Makhana-1	19.00	342000.00				
Grand Total		173.00	958000.00				

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	00	00	00	00	00	00	00
Cabbage	Pride of India	6200	3420	27	34	90	150
Tomato	Kashi Vishesh	6650	3990	34	22	55	110
Brinjal	Rajendra Baigan -2	11600	6450	25	56	171	252
Chilli	Pusa Jwala	46750	24450	45	87	244	375
Onion	00	00	00	00	00	00	00
Others (Shimala Mirch)		600	300	02	05	25	32
Fruits	00	00	00	00	00	00	00
Mango	00	00	00	00	00	00	00
Guava	00	00	00	00	00	00	00
Lime	00	00	00	00	00	00	00
Papaya	00	00	00	00	00	00	00
Banana	00	00	00	00	00	00	00
Others	00	00	00	00	00	00	00
Ornamental plants	00	00	00	00	00	00	00
Medicinal and Aromatic	00	00	00	00	00	00	00
Plantation	00	00	00	00	00	00	00
Spices	00	00	00	00	00	00	00
Turmeric	00	00	00	00	00	00	00
Tuber	00	00	00	00	00	00	00
Elephant yams	00	00	00	00	00	00	00
Fodder crop saplings	00	00	00	00	00	00	00
Forest Species	00	00	00	00	00	00	00
Others, pl.specify	00	00	00	00	00	00	00
Total	--	71800	35900	133	204	585	919

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted			
			SC	ST	Other	Total
Bio-fertilizers	00	00	00	00	00	00
Bio-pesticide	00	00	00	00	00	00
Bio-fungicide	00	00	00	00	00	00
Bio-agents	00	00	00	00	00	00
Others, please specify.(Vermi Compost)	6495	38970	00	00	95	95
Worms	15	7500	00	00	03	03
Total	6510	46470	00	00	98	98

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows	00	00	00	00			
Buffaloes	00	00	00	00			
Calves	00	00	00	00			
Others (Pl. specify)	00	00	00	00			
Small ruminants							
Sheep	00	00	00	00			
Goat	00	00	00	00			
Other, please specify	00	00	00	00			
Poultry							
Broilers	00	00	00	00			
Layers	00	00	00	00			
Duals (broiler and layer)	00	00	00	00			
Japanese Quail	00	00	00	00			
Turkey	00	00	00	00			
Emu	00	00	00	00			
Ducks	00	00	00	00			
Others (Pl. specify)	00	00	00	00			
Piggery							
Piglet	00	00	00	00			
Hog	00	00	00	00			
Others (Pl. specify)	00	00	00	00			
Fisheries							
Indian carp	00	00	00	00			
Exotic carp	00	00	00	00			
Mixed carp	00	00	00	00			
Fish fingerlings	00	00	00	00			
Spawn	00	00	00	00			
Others (Pl. specify)	00	00	00	00			
Grand Total	00	00	00	00			

3.5. b. Seed Hub Programme-i) Name of Seed Hub Centre: N/A

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2018	--	--	--	--	--	--
	--	--	--	--	--	--
Rabi 2022	--	--	--	--	--	--
	--	--	--	--	--	--
Summer/Spring 2022	--	--	--	--	--	--

iii) Financial Progress

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

iv) Infrastructure Development

Item	Progress
Seed processing unit	--
Seed storage structure	

3.6 (A) Literature Developed/Published (with full title, author & reference)

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books	Krishak Sandesh	Dr. Reeta Singh, Sr. Scientist and Head, KVK, Katihar Dr. Sushil Kr. Singh, SMS (Agro), KVK, Katihar Sri K. P.Singh, SMS (Hort), KVK, Katihar Sri Pankaj kumar, SMS (EE), KVK, Katihar Smt sweeti Kumari SMS (Agromet), KVK, Katihar, Sri Om Prakash Bharti, FM, KVK, Katihar Sri A. K. Vikas, PA (C), KVK, Katihar	May 2022	1000
News letter	Krishak Samachar Vol-1	Dr. Reeta Singh, Sr. Scientist and Head, KVK, Katihar Dr. Sushil Kr. Singh, SMS (Agro), KVK, Katihar Sri K. P.Singh, SMS (Hort), KVK, Katihar Sri Pankaj kumar, SMS (EE), KVK, Katihar Smt sweeti Kumari SMS (Agromet), KVK, Katihar, Sri Om Prakash Bharti, FM, KVK, Katihar Sri A. K. Vikas, PA (C), KVK, Katihar,	1000	1000
News letter	Krishak Samachar Vol-2	Dr. Reeta Singh, Sr. Scientist and Head, KVK, Katihar Dr. Sushil Kr. Singh, SMS (Agro), KVK, Katihar Sri K. P.Singh, SMS (Hort), KVK, Katihar Sri Pankaj kumar, SMS (EE), KVK, Katihar Smt sweeti Kumari SMS (Agromet), KVK, Katihar, Sri Om Prakash Bharti,	1000	1000

		FM, KVK, Katihar Sri A. K. Vikas, PA (C), KVK, Katihar,		
News letter	Krishak Samachar Vol-3	Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar Dr. Sushil Kr. Singh, SMS (agronomy),Kvk,Katihar Sri K. P.Singh, SMS (Hort), KVK, Katihar Sri Pankaj kumar, SMS (EE), KVK, Katihar Smt sweeti Kumari SMS (Agromet), KVK, Katihar, Sri Om Prakash Bharti, FM, KVK, Katihar Sri A. K. Vikas, PA (C), KVK, Katihar,	1000	1000
News letter	Krishak Samachar Vol-4	Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar Dr. Sushil Kr. Singh, SMS (agronomy),Kvk,Katihar Sri K. P.Singh, SMS (Hort), KVK, Katihar Sri Pankaj kumar, SMS (EE), KVK, Katihar Smt sweeti Kumari SMS (Agromet), KVK, Katihar, Sri Om Prakash Bharti, FM, KVK, Katihar Sri A. K. Vikas, PA (C), KVK, Katihar,	1000	1000
Popular Articles	Mote Annaj: poshak tatwo ka khajana	Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar, Sri Om Prakash Bharti, FM, KVK, Katihar, Dr. R.K. Sohane, DEE, BAU, Sabour, Dr. R.N. Singh, ADEE, BAU, Sabour	Krishak Sandesh May 2022(10):27, 1-4	400
Popular Articles	Amrud ki saghan bagwani avam katai - Chantai	Dr. Abhay mankar, kumara Karuna BAU, Sabour, Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar,	Krishak Sandesh May 2022(10):27, 11-13	400
Popular Articles	Dhan ki sidhi buyai taknik	Dr. Sushil Kr. Singh, SMS (agronomy),Kvk,Katihar Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar Sri Pankaj kumar, SMS (EE), KVK, Katihar Sri Om Prakash Bharti, FM, KVK, Katihar Smt sweeti Kumari SMS (Agromet), KVK, Katihar	Krishak Sandesh May 2022(10):27, 24-25	400
Popular Articles	Aganwari kendro par posshan watika ka sthapna kaise kare	Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar, Dr. Shailwala dei, BAU, Sabour, Sri Om Prakash Bharti, FM, KVK, Katihar,	Krishak Sandesh May 2022(10):27, 26-29	400
Popular Articles	Prakrit kheti : paryavaran pradushan avam manv swasthya sarkshan ka aadhar	R. nayak, rudrap Singh d.k.Singh, r.k. Singh, KVK, Ajamgarh Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar,	Krishak Sandesh May 2022(10):27, 33-35	400
Popular Articles	Bibihha ritu me mudhumakkhi ka Prabhandhan	Smt sweeti Kumari SMS (Agromet), KVK, Katihar, Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar, Sri Om Prakash Bharti, FM, KVK,	Krishak Sandesh May	400

		Katihar, Dr. Sushil Kr. Singh, SMS (agronomy), Kvk,Katihar Sri Pankaj kumar, SMS (EE), KVK, Katihar	2022(10):27, 36-38	
Popular Articles	Tad se nirmmit utpd ka Mahatav	Dr. anita kumara, SS&H, KVK, Khagaria,Sunita Paswan, SMS, KVK Saharsa, Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar,	Krishak Sandesh May 2022(10):27, 39-41	400
Popular Articles	Krishi me suchan sanchar praudhogiki	Ved Prakash, PA, Computer, KVK, Gaya, Dr. Rajiv Singh, SS&H, KVK, Gaya, Dr. S.B. Singh SS&H, KVK,Gaya (Amas), Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar	Krishak Sandesh May 2022(10):27, 42-44	400
Popular Articles	Yuvayo ke sashatikaran hetu sarkari yojanaye	Sri Pankaj kumar, SMS (EE), KVK, Katihar, Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar,Dr. Sushil Kr. Singh, SMS (agronomy), Kvk,Katihar, Sri Om Prakash Bharti, FM, KVK, Katihar, Smt sweeti Kumari SMS (Agromet), KVK, Katihar	Krishak Sandesh May 2022(10):27, 45-46	400
Bulletins				
Book Chapter				
Pamphlets				

N.B.: Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(B) Details of HRD programmes undergone by KVK personnel:

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	HRD Training Programme	CMS Training	Sri Amarendra Kumar Vikas, Programme Assistant (Computer)	04.05.2022 / One day	ATARI, Patna
2	HRD Training Programme	Advance Course on Climate Resilient Agriculture	Dr. Sushil Kumar Singh. SMS(Agronomy)	29.10.2022-19.12.2022 / 21 Days	BISA, Ludhiyana

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

SUCCESS STORIES-1

Journey of rural women towards doubling income through Mushroom and its value added Products

Name and address: **Smt. Kumari Pritty**

At - Sharifganj
Block- Katihar
District- Katihar
Mobile No. : 9471675435

Category: Mushroom Production and Mushroom Value added Products

Background:

Mrs. Kumari Pritty was searching some additional income for crushing poverty and for good life style. She was in search of new Skills for setting up a new business plan related. She approaches to Krishi Vigyan Kendra, Katihar, BAU, Sabour and as per the guidance, support, training, demonstration from the scientists of the KVK, Katihar, she started Mushroom Production and its value added Products like Papad, bari, Achar, Jhal Mudhi, Mushroom Powder and Dry Mushroom

Training and motivational Support:

KVK, Katihar Provide motivational support and suggest for Mushroom Production and its value added Products like Papad, bari, Achar, Jhal Mudhi, Mushroom Powder and Dry Mushroom. Selling of items is not a problem at locally level.

Impact in the area: farmer's are able to get Best price of Mushroom Production and its value added Products like Papad, bari, Achar, Jhal Mudhi, Mushroom Powder and Dry Mushroom

SHG members consist of 14 womens also starts making Mushroom Production and its value added Products like Papad, bari, Achar, Jhal Mudhi, Mushroom Powder and Dry Mushroom

Mushroom Value added Products	Production (Kg)			
	2018-19	2019-20	2020-21	2021-22
Papar	30	32	42	60
Bari	39	41	62	70
Pickles	40	42	46	50
Jhalmudhi	70	110	160	200
Mushroom Powder	14	18	22	32
Dry Mushroom	07	10	16	28

Average enhancement in Income in last three years

Year	Income (Rs.)
2019-20	110000
2020-21	188850
2021-22	265780

SUCCESS STORIES-2

Name of farmer: Sri Ajay Kumar Chauhan
Address: Makaipur
Mobile Number: 88009173528
Age: 29
Education: Intermediate
Size of land holding (in acre): 02
Increase in Productivity (Kg/acre)

Crops/Enterprises	Production (Kg)			
	2018-19	2019-20	2020-21	2021-22
Papaya	41000	52000	58500	5900
Tomato	76200	8900	9956	12500
Bitter guard	9230	9950	12600	15500
Vermicompost	110	400	1200	2100

Average enhancement in Income in last three years

Year	Income (Rs.)
2019-20	330600
2020-21	1214660
2021-22	1444600

SUCCESS STORIES-3

Name of farmer: Sri Sushil Kumar Singh
Address: Korha Katihar
Mobile Number: 7488519005
Age: 37
Education: Graduation
Size of land holding (in acre): 7acre

Increase in Productivity (Kg/acre)

Crops/Enterprises	Production (Kg)			
	2018-19	2019-20	2020-21	2021-22
Paddy	1240	1360	1500	1520
Maize	3950	4000	4150	4180
Wheat	1200	1250	1300	1310
Vegetable	5700	5840	6210	6300

Average enhancement in Income in last three years

Year	Income (Rs.)
2019-20	1257330
2020-21	1373076
2021-22	1489967

3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology
1.	Raised bed Technology in Maize	KVK, Katihar	Raised bed Technology in Maize reduces cost of cultivation & increases productivity <ul style="list-style-type: none"> • It reduces water requirement in irrigation • It reduces occurrence of weeds
2.	Natural Farming	KVK, Katihar	<ul style="list-style-type: none"> • Natural farming reduces dependency in fertilizer and its adverse impact. • Product has longer self life and no adverse impact on health.

3.9. a. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1	Vegetable Production	Neem based insecticide	Control of insect and pest
2	Maize/ Wheat	Storage in drums with Neem& Tulsi Leaves	Control weevils

b. Give details of organic farming practiced by the farmers

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production (q)	No. of farmers involved	Market available (Y/N)
1.	Vegetable production	200	98000	403	N

S.N.	Name of the farmers	Village	Block	Mobile No.
1.	Prakash Bharti	Hathwada	Falka	8002240303
2.	Upendra Kumar Mahto	Hathwada	Falka	9934803481
3.	Lalan Kumar Rajan	Pothiya	Falka	9534417248
4.	Ritesh Kumar	Pothiya	Falka	9572693046
5.	Sushil Kumar Mandal	Pothiya	Falka	6203957424
6.	Nandan Kumar Mandal	Pothiya	Falka	9006319891
7.	Shrawan Kumar Mandal	Pothiya	Falka	8877386947
8.	Babu Lal Yadav	Pothiya	Falka	9060919071
9.	Ambuj Kumar	Pothiya	Falka	9534532150
10.	Suman Kumar Suman	Pothiya	Falka	9534344381

3.10. Indicate the specific training need analysis tools/methodology followed by KVKs

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

3.11. a. Details of equipment available in Soiland Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1.	STFR Kit	2
2.	Mrida Parikshak Kit	1
3.	Grinder	1
4.	Mechanical Shaker	1
5.	Electronic Balance	1
6.	PH meter	1
7.	Flame Photometer	1
8.	Hot Air Oven	1
9.	Hot Plate	1
10.	Digital Conductivity meter	1
11.	Double Distillation Unit	1
12.	Automatic pipettes 0.5-10 ml	1
13.	Burette (Automatic) mounted (Reservoir) 100ml.	1
14.	Weighing Machine Cap 600gm	1
15.	Kjeltron Rapid Automatic Nitrogen Protein Estimation System and Bastic Auto Distillation System	1
16.	Flame Photometer	1
17.	Hot Air Oven	1
18.	Hot Plate	1
19.	Conductivity Meter	1
20.	Double Distillation Unit	1
21.	Bunsen LPG Gas Burner	1

22.	Muffle Furnace 4"x9" chamber size	1
23.	Visco meter Ostwald glass	1
24.	Max-Min Thermometer	1
25.	Hygrometer make imported digital	1
26.	Automatic Vortexing Machine cyclomixer	1
27.	Ceiling Fan 48' SWIFT, USHA	5
28.	Exhaust Fan, Crompton	3
29.	Spectro Photo meter	1
30.	Steel Rack 6 Feet Godrej	4
31.	Steel Almirah Storewell	1
32.	Godrej 7 Lever Navtal Pad lock	7
33.	Gas Connection commercial of Indane(Double cylinder) with Gas stove	1

3.11.b. Details of samples analyzed so far:

Number of soil samples analyzed		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
00	756	756

3.11.c Detail of Soil, Water and Plant analysis at KVK

Sl.	Analysis	No. of Samples analyzed	No. of Villages	No. of Farmers	Amount realized (Rs.)
1.	Soil	755	32	755	41,785.00
2.	Water	01	01	01	
3.	Plant	00	00	00	
4.	Fertilizers	00	00	00	
5.	Manures	00	00	00	
6.	Food	00	00	00	
7.	Others (if any)	00	00	00	

3.11. c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1.	World Soil Day	77	1	Sri Rajiv Lochan, Field Officer. IFFCO, Katihar	35	35

3.12. Activities of rain water harvesting structure and micro irrigation system

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials
06	01	--	185	11

3.13. Technology week celebration- N/A

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

3.14. RAWE/ FETprogramme - is KVK involved? (Y/N)- Yes

Sl. No.	No of students	Name of University/College	No of days stayed
1.	5	B.P.S.A.C., Purnea	75 days
2.	01	Sharda University	19 days
3.	02	Shridev Suman University, Utrakhand	19 days
4.	16	B.P.S.A.C., Purnea	134 days

List of Students

Sl No.	Name	Roll No.
1	Manjusha Kumari	A/BPSAC/1631/2017-18
2	Kriti jyotsna	A/BPSAC/1637/2017-18
3	Jyoti Shree Kumari	A/BPSAC/2203/2017-18
4	Anupama Bharti	A/BPSAC/2206/2017-18
5	Puja Kumari	A/BPSAC/2169/2017-18
6	Pushpam Kumari	A/BPSAC/1547/2017-18
7	Aditi Kumari	A/BPSAC/2166/2018-19
8	Moni Priya	A/BPSAC/2173/2018-19
9	Raj Laxmi	A/BPSAC/2418/2018-19
10	Mukan Jha	A/BPSAC/2407/2018-19
11	Sonam Kumari	A/BPSAC/2411/2018-19
12	Nidhi Priya	A/BPSAC/2412/2018-19
13	Kaushambi Singh	A/BPSAC/2419/2018-19
14	Komal Bharti	A/BPSAC/2427/2018-19
15	Shavni Gupta	A/BPSAC/2429/2018-19
16	Parul priya	A/BPSAC/2432/2018-19
17	Megha Kumari	A/BPSAC/2434/2018-19
18	Shivani Kumari	A/BPSAC/2583/2018-19
19	Shrutika Raj	A/BPSAC/2584/2018-19
20	Aditi Yadav	A/BPSAC/2585/2018-19
21	Raj Kumari	A/BPSAC/2426/2018-19
22	Prince Kumar Singh,	UU180300694
23	Shivani Kumari	237199140040
24	Shalini	2019005976
25	SuravKumar	241209140059
26	Himanshu Kumar	241209140040
27	SuravKumar	241189140088
28	Ayush Kumar Prasad	241209140035

ARS trainees trained	No of days stayed
--	--

3.15. List of VIP visitors (Minister/ MP/MLA/DM/VC/ZilaSabhadipati/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit
22.01.2022	Dr. R.K. Jat, Scientist incharge, BISA, Pusa	Visited of CRA demonstration Unit
23.01.2022	Dr. Abhay Mankar, Dy. Director training, BAU, Sabour	Visited of Demonstration units & KVK Farm & Visited of CRA demonstration Unit
23.01.2022	Dr. Kumari Karuna, Scientist, BAU, Sabour	Visited of Demonstration units & KVK Farm & Visited of CRA demonstration Unit
25.06.2022	Dr. Anjani Kumar, Director ATARI, Patna	Participated in SAC Meeting
25.06.2022	Sri Dil Nawaz Ahmed, Commandant, BMP 7, Katihar	Participated in SAC Meeting
25.06.2022	Dr. R.N. Singh, ADEE, BAU, Sabour	Participated in SAC Meeting
25.06.2022	Dr. Paras Nath, Assoc. Dean cum Principal, BPSAC, Purnea	Participated in SAC Meeting
25.06.2022	Sri Dinkar Prasad Singh, DAO, Katihar	Participated in SAC Meeting
25.06.2022	Sri Jay Kishor Nagar, Akashawani, Purnea	Participated in SAC Meeting
25.06.2022	Dr. Rahul Singh, Assoc. Director, Horticulture, Katihar	Participated in SAC Meeting
25.06.2022	Sri Amit Kumar Sinha, DDM, NABARD, Katihar	Participated in SAC Meeting
25.06.2022	Sri Rajiv Lochan, IFFCo.	Participated in SAC Meeting
16.07.2022	Sri Nikhil Chaudhary, Ex MP, Katihar	Celebration of 94 th foundation day
27.09.2022	Dr. R.K. Jat, Scientist incharge, BISA, Pusa	Visited of CRA demonstration Unit
30.09.2022	Dr. Paras Nath, Assoc. Dean cum Principal, BPSAC, Purnea	Visited of Demonstration units & KVK Farm
28.10.2022	Dr. Paras Nath, Assoc. Dean cum Principal, BPSAC, Purnea	Visited of Demonstration units & KVK Farm
11.11.2022	Sri Amit Kumar Sinha, DDM, NABARD, Katihar	Visited of Demonstration units & KVK Farm
05.12.2022	Sri Rajiv Lochan, IFFCo.	Visited of Demonstration units & KVK Farm

4. IMPACT

4.1. Impact of KVK activities (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)
Mushroom Production	515	32	2900	7300
Vermicompost Production	930	28	4600	8100
Organic Farming Practices	1562	21	37500	62800
Seed production (Makhana, Wheat, Mustard & Paddy)	360	21	24600	42500
Agro Advicatory Services	13800	19	52600	71500
Scientific Bee Keeping	189	19	28000	70000
Integrated Farming System	289	19	44500	71300
Backyard poultry	655	12	13500	21600

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)

Technology	Horizontal spread	
	Area (ha)	No. of farmers
Cultivatio of Flood tolerant Paddy Variety - Swarna sub-1	8425	8955
Balanced fertilizer application in wheat, Paddy and Maize	6950	9100
Seed treatment with Azotobactor & PSB	3350	4100
Seed production of Makhana (variety Sabour Makhana -1) ,Wheat (variety: HD-2967), Mustard (variety: RH-749)	2362	5050
Use of Vermicompost in Vegetable Production		2905
Oyster& Button Mushroom Production		1532

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	Mushroom Production	38 mushroom entrepreneur at commercial scale and more than 6000 rural people growing mushroom at domestic level	Income & employment generation
2	IPM in Paddy	Low infestation of Pest in Paddy	Productivity & income level enhanced
3	INM (Wheat Maize Paddy and Mustard)	Balance Nutrient application in Wheat Maize Paddy and Mustard	Improves Soil health
4	IWM (Jute & Maize)	Better Crop Growth in Jute 15% (quizalafop ethyl)& Maize23% (Pendimetheline))	Productivity & income level enhanced
5	Improved Seed	Enhance productivity of Makhana 33%(Sabour Makhana-1) & Wheat 18% (HD-2967)	Productivity& income level enhanced

4.4. Details of innovations recorded by the KVK

Thematic area	Mushroom Production
Name of the Innovation	Low cost hanging system of oyster mushroom
Details of Innovator	Kumari Pritty
Back ground of innovation	Change in hanging type of oyster mushroom for maximum utilization of area
Technology details	Generally farmers use a hut for oyster mushroom production inthis pratices area of hut is a challenge for larger production. Hanging type change providesmaximum bagsin a unit area.
Practical utility of innovation	Maximumutilization of area

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Mushroom Production
Name & complete address of the entrepreneur	Kumari Pritty Vill:- Sharifganj Block- Katihar Dist- Katihar
Intervention of KVK with quantitative	Training, Project formation, liasioning

data support	
Time line of the entrepreneurship development	03 years
Technical Components of the Enterprise	Starts oyster and Button Mushroom production and Value added Products
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Present working condition is in a good condition. The availability of raw material is not a problem and the selling of Mushroom is not a problem. Presently she is taking additional income of Rs. 350000/-
Horizontal spread of enterprise	28

IFS

Name of the enterprise	IFS
Name & complete address of the entrepreneur	Sri Amresh Chaudhary Age:- 38 years Vill:- Bhawara Kothi Block- Katihar Distt:- Katihar(Bihar)
Intervention of KVK with quantitative data support	Training, Project formation, liasioning
Time line of the entrepreneurship development	Four years
Technical Components of the Enterprise	Sri Amresh Chaudhary adopted the methods of IFS. In most of his land he planted some useful fruit plants that gave him useful fruits and timbers. He started small dairy that gave him ample milk for sale. He started vermi compost. Fisheries gives solid source of income. He taught the importance of environment and ecology to another farmer of neighboring areas and earn additional income of Rs.230000/- per year
Status of entrepreneur before and after the enterprise	After adopting IFS, he earn and additional income of Rs. 230000/-
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise)	IFS in one acre land
Horizontal spread of enterprise	6

Beekeeping

Entrepreneurship development	
Name of the enterprise	Bee keeping
Name & complete address of the entrepreneur	Smt Pushpa Devi Village - Bhilahi Block – Dandkhora Dist- Katihar Mob No. - 7549707681
Intervention of KVK with quantitative	Training, Project formation, liasioning

data support	
Time line of the entrepreneurship development	Two years
Technical Components of the Enterprise	Start Beekeeping in a group of farmers and in first years starts with 20 boxes and get 800 Kg honey with an investment of Rs 20000. presently he have 100 Boxes and earning 275000/- in a season.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise)	Enterprise is in good condition and the group found satisfactory results in terms of monitory benefits.
Horizontal spread of enterprise	Enterprise is spread among other 12 rural youths.

Banana cultivation and selling of tissue culture banana

Name of the enterprise	Banana cultivation and selling of tissue culture banana
Name & complete address of the entrepreneur	Sri Sushil Kumar Singh Vill. – Gerabari Block – Korha Distt. – Katihar (Bihar)
Intervention of KVK with quantitative data support	Training, Liasioning
Time line of the entrepreneurship development	Three years
Technical Components of the Enterprise	Training
Status of entrepreneur before and after the enterprise	Primarily he was engage in banana cultivation and presently he is engaged in selling of Tissue culture banana
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise)	Presently he is getting income of Rs. 870000/- from per year through sailing of Tissu culture Banana in other districts like Barabanki, Kishanganj, West Bengal, Purnea, saharsha and Khagariya
Horizontal spread of enterprise	02

4.6 Any other initiative taken by the KVK

- Natural Farming
- Crop residue Management
- Community Irrigation
- Laser Land levelling at farm and farmers field
- Button mushroom compost preparation through pipe methods

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
ATMA, Katihar	Assistance in training, Kharif Mahotsav, Rabi Mahotsav and other programmes
District Agriculture office, Katihar	Mechanisation, Training, Demonstration, Field day and other programmes
BISA, Pusa, Samastipur	Technical & Financial Support
Coconut Development Board, Patna	Technical & Financial Support
NABARD	Assistance in training, FPO and financial assistance
IFFCO, Katihar	Assistance in training
AIR, Purnea	Technical Support
Jeevika, Katihar	Assistance in training and other programme
Deptt. of Fishries, Katihar	Assistance in training
District Industries Centre	Assistance in training
District Co-operative Office	Assistance in training
Deptt. of Animal Husbandry, Katihar	Assistance in training

5.2. List of special programmes undertaken during 2022 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies (**information of previous years should not be provided**)

a) Programmes for infrastructure development

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

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

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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.(q)	Cost of inputs	Gross income	
1.	Vermi Compost Unit	2010	28		Vermi Compost	64.95	5000.00	38970.00	
2.	Azolla unit	2016	02	Pinnata	Azolla	45.00	--	--	used in farm
3.	Mushroom Production unit	2012	25	oyster Mushroom	Oyster Mushroom	50.00	1475.00	5094.00	

4.	Mushroom Spawn	2022		Oyster Mushroom	Button Mushroom Spawn	22.00	650.00	2200.00	
Total									

6.2 Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty. (q)	Cost of inputs	Gross income	
Wheat	30.11.2021	10.04.2022	2.3	HD-2967	C/S	55	52900.00	220000.00	
Paddy	08.07.2022	08.11.2022	2.5	Sabour Sree	C/S	99	115000.0	396000.0	
Makhan a	26.02.2023	27.08.2022	1.5	Sabour Makhana 1	T/L	19	134000.0	342000.00	
Wheat	24.11.2022	Crop standing in field							

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.	Vermi Compost	6495	9000.00	38970	-
2.	Worms	15		7500	

6.4. Performance of instructional farm (livestock and fisheries production)

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

6.5. 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)
April to June 2022	05	75	
Sept to dec 2022	16	134	
Total :	21	209	

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: **Yes**

No. of staff quarters: **06**

(1 PC quarter, 1 FM quarter, 2 TA quarter, 2 supporting staff quarter completed and allotted)

Date of completion: **DEC 2013**

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
December 2013	✓					
December 2013		✓				
December 2013			✓			
December 2013				✓		
September 2015					✓	
September 2015						✓

7. FINANCIAL PERFORMANCE**7.1. Details of KVK Bank accounts**

Bank account	Name of the bank	Location	Account Number
R/F	State Bank of India	Shiv Mandir chowk, Katihar	10501342703
C/A	State Bank of India	Shiv Mandir chowk, Katihar	10501337736

7.2. Utilization of funds under CFLD on Oilseed

Statement of Expenditure (CFLD Oilseed)				
Head	Sanction	Release	Expenditure	Closing Balance 31.01.2023
Soya bean	150000.00	0.00	149648.00	-149648.00
Mustard	120000.00	0.00	119995.00	-119995.00
Total	270000.00	0.00	269643.00	-269643.00

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

Item	Released by ICAR		Expenditure		Unspent balance as on 31st DEC 2022
	Kharif	Rabi	Kharif	Rabi	
Pulse	--	--	--	--	--

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

Statement of Expenditure (Main Grant)				
Head	Sanction	Release	Expenditure	Closing Balance 31.12.2022
Pay And Allowances	13804389.00	13804389.00	10237423.00	3566966.00
General (Reccuring)	390000.00	390000.00	342590.00	47410.00
Capital	0.00	0.00	0.00	0.00
Total	14194389.00	14194389.00	10580013.00	3614376.00

Statement of Expenditure (TSP)				
Head	Sanction	Release	Expenditure	Closing Balance 31.12.2022
Pay And Allowances	0.00	0.00	0.00	0.00
General (Reccuring)	491808.00	429308.00	491808.00	-62500.00
Capital	1250000.00	850000.00	372926.00	477074.00
Total	1741808.00	1279308.00	864734.00	414574.00

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2020	1649892.09	411742.00	355081.20	2206552.89
2021	26,42,277.44	1003980.00	682507.00	2963750.44
2022				

7.6. (i) Number of SHGs formed by KVKs- 04

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities

S.N.	Name	Area of Activities	Members (No)
1	Swayam Siddha Swayam Sahayata Samuh	Vermi Compost Production	12
2	Kushwaha Swayam Sahayata Samuh	Mushroom Production	16
3	Nima Swayam Sahayata Samuh	Mushroom Production	14
4	Pokhariya Swayam Sahayata Samuh	Mushroom Production	13
5	Ujaja Swayam Sahayata Samuh	Jute based products, Dari	12
6	Hariyali Swayam Sahayata Samuh	Jaiwik khaad	19
7	Kamal Swayam Sahayata Samuh	Vegetable Poduction	17
8	Kutiyahi Swayam Sahayata Samuh	Bari, Papar and Pickels	15
9	Dahiyarganj Swayam Sahayata Samuh	Stiching	14
10	Sarswati Swayam Sahayata Samuh	Bari, Papar and Pickels	13

(iii) Details of marketing channels created for the SHGs- Involve in providing agri external inputs and selling of vermicompost and mushroom.

S.N.	Name	Area of Activities	Members (No)
1	Swayam Siddha Swayam Sahayata Samuh	Vermi Compost Production	12
2	Kushwaha Swayam Sahayata Samuh	Mushroom Production	16
3	Nima Swayam Sahayata Samuh	Mushroom Production	14
4	Pokhariya Swayam Sahayata Samuh	Mushroom Production	13
5	Ujaja Swayam Sahayata Samuh	Jute based products, Dari	12
6	Hariyali Swayam Sahayata Samuh	Jaiwik khaad	19
7	Kamal Swayam Sahayata Samuh	Vegetable Poduction	17
8	Kutiyahi Swayam Sahayata Samuh	Bari, Papar and Pickels	15
9	Dahiyarganj Swayam Sahayata Samuh	Stiching	14
10	Sarswati Swayam Sahayata Samuh	Bari, Papar and Pickels	13

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With the Line Department	With ATMA	With both
Rabi Vegetable Production	1	Rabi	ATMA, Katihar	✓	--
Rabi Vegetable Production	1	Rabi	ATMA, Katihar	✓	--
Rabi Vegetable Production	1	Rabi	ATMA, Katihar	✓	--
Rabi Vegetable Production	1	Rabi	ATMA, Katihar	✓	--
Rabi Vegetable Production	1	Rabi	ATMA, Katihar	✓	--
Rabi Vegetable Production	1	Rabi	ATMA, Katihar	✓	--
Rabi Vegetable Production	1	Rabi	ATMA, Katihar	✓	--

Rabi Vegetable Production	1	Rabi	ATMA, Katihar	✓	--
Rabi Vegetable Production	1	Rabi	ATMA, Katihar	✓	--
Bamboo Craft	1	Rabi	Bharat Jayanti	--	--
Scientific Cultivation of Tomato	1	Rabi	ATMA, Katihar	--	✓
Scientific Cultivation of Brinjal	1	Rabi	ATMA, Katihar	--	✓
Scientific Cultivation of Cauliflower	1	Rabi	ATMA, Katihar	--	✓
Direct Seeded Rice	1	Kharif	KVK, Sabour	--	--
Poshan Maah	1	Kharif	IFFCo, Katihar	--	--
Post Harvest Technology	1	Kharif	ATMA, Katihar	✓	--
Production of vegetable	1	Kharif	ATMA, Katihar	✓	--
Production of vegetable	1	Kharif	ATMA, Katihar	✓	--
Production of vegetable	1	Kharif	ATMA, Katihar	✓	--
Formation of farmers interedrt group	1	Kharif	Matrix Fertilizer & Chemical limited	--	--
Use of Neno Urea	1	Kharif	IFFCo, Katihar	--	--
Cultivation of kharif vegetable	1	Kharif	ATMA, Katihar	--	✓
Cultivation of kharif vegetable	1	Kharif	ATMA, Katihar	--	✓
Formation and Management of SHGs	1	Kharif	ATMA, Katihar	--	✓
Income Generation activities among group member	1	Kharif	IFFCOR, Katihar	--	--
DSR Cultivation	1	Kharif	IFFCOR, Katihar	--	--
Scientific Paddy Cultivation	1	Kharif	IFFCOR, Katihar	--	--
Garib Kalyan Abhiyan	1	Kharif	ATMA, Katihar	✓	--
Lazar Land Levelling	1	Summer	BISA, Samastipur	--	--
Scientific Cultivation of Coconut	1	Summer	Coconut development Board, Patna	--	--
Scientific Cultivation of summer Vegetable	1	Summer	ATMA, Katihar	--	✓
Scientific Cultivation of summer Vegetable	1	Summer	ATMA, Katihar	--	✓
Care and Management of Mango	1	Summer	Horticultural Deptt, Katihar	--	--
Krishak Gosthi	1	Summer	Iffco, Katihar	--	--

8. Other 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)
Bacterial Leaf Blight	Paddy	16.08.2022	132	7%	154
Sheath Blight	Paddy	24.08.2022	375	15%	206
Bacterial Leaf Blight	Paddy	13.09.2022	82	12%	185
Fall army worm	Maize	07.11.2022	65	14%	214

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)
--	--	--	--	--	--
--	--	--	--	--	--

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

9.3. mKisanPortal (National Farmers' Portal/ SMSPortal)

Type of message	No. of messages	No. of farmers covered
Crop	0	000
Livestock	0	000
Fishery	0	000
Weather	0	000
Marketing	0	000
Awareness	0	000
Training information	1	20758
Other	0	000
Total	1	20758

9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	--
2.	No. of farmers registered in the portal	28377
3.	Mobile Apps developed by KVK	--
4.	Name of the App	--
5.	Language of the App	--
6.	Meant for crop/ livestock/ fishery/ others	--
7.	No. of times downloaded	--

9.5 Kisan Mobile Advisory Services (KMAS)

Sl. No.	Discipline	No. of Advisories	No. of Messages (SMSs)	No. of Farmers
1.	--	--	--	--
2.	--	--	--	--

9.6. a. Observation of Swachha Bharat Programme/Pakhwara

Swachha Bharat Programme/Pakhwara	No of programme	Total No. of Participated
16-31 Dec 2022	15	283

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	--	20000.00
2. Basic maintenance	706	
3. Sanitation and SBM	57	
4. Cleaning and beautification of surrounding areas	26	
5. Vermicomposting/Composting of biodegradable waste management & other activities on generate of wealth for waste	06	
6. Used water for agriculture/ horticulture application	08	
7. Swachhta Awareness at local level	120	
8. Swachhta Workshops	26	
9. Swachhta Pledge	11	
10. Display and Banner	12	
11. Foster healthy competition	22	
12. Involvement of print and electronic media	11	
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	147	
14. No. of Staff members involved in the activities	12	
15. No of VIP/VVIPs involved in the activities	01	
16. Any other specific activity (in details)	--	
Total	706	

9.7. Observation of National Science day

Date of Observation	Activities undertaken
28.02.2022	30

9.8. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants
--	--	--

9.9. Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Utakrimit Madhya Vidhalaya,Rajwara	12.04.2022	Agricultural Education	Audio Visual Aids and Live samples

9.10. 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 Do or 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		
--	--	--	--	--	--	--	--	--	--	--	--	--

9.11. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1.	Empowerment of Farm Women	04	49	00	--

9.12. No. of Progressive/Innovative/Lead farmer identified (category wise)

S.N.	Name of farmer	Mobile Number	Address	Specification
1.	Sri uday Shankar Singh	9661139257	Lahsha, Mansahi	Maize grower
2.	Sri Umesh Kumar	9102755967	Driver Tola, Katihar	Mushroom Entrepreneur
3.	Sri Sushil Kumar Singh	7488519005	Bansgarha, Katihar	Tissue culture Banana
4.	Sri Shashi Kumar Sinha	7739392284	Dumariya Bishanpur	Vegetable & Mushroom cultivation
5.	Sri Mukesh Kumar	9835316877	Binji, Barari	Banana Cultivation
6.	Sri Ranjeet Kumar	9570889919	Dharhan, Katihar	Makhana Farming
7.	Sri Umesh Kumar	9102755967	Driver Tola, Katihar	Mushroom Entrepreneur
8.	Sri Ranjeet Kumar	9570889919	Dharan, Pranppur	Makhana Farming
9.	Sri Gautam Kumar	8051556030	Musapur, Katihar	Cereal grower
10.	Sri Ram Naresh Kumar	9431622604	Sihla, Dandkhora	Makhana Farming
11.	Sri Sadanand Mandal	9572568655	Bhelahi, Dandkhora	Bee Keeper
12.	Sri Kalidas banarjee	9472022919	Routara, Khora	Mango grower
13.	Kumari Priti	9471679435	Sharif Ganj, Katihar	Mushroom Entrepreneur

9.13. Revenue generation

Source	Total Amount (Rs.)
Seed production Programme	958000.00
Planting Material	35900.00
Soil and water testing	41785.00

Vermi Compost	38790.00
Mushroom Spawn	2200.00
TOTAL	1076675.00

9.14. Resource Generation:

S.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1.	Cluster FLD (ICAR)	Cluster FLD (ICAR)	Cluster FLD (ICAR)	6.6	--
2.	TSP (ICAR)	TSP (ICAR)	TSP (ICAR)	15.85	---
3.	Swachhta Plan (ICAR)	Swachhta Plan (ICAR)	Swachhta Plan (ICAR)	1.00	---
4.	CRA	CRA	Bihar Government	7.5	--
5.	Makhana Development Scheme	Makhana Development Scheme	Bihar Government	0.5	--
6.	Kisan Bhagidari Prathmikta Hamari	Kisan Bhagidari Prathmikta Hamari	ICAR	1.0	--
7.	Natural Farming	Natural Farming	ICAR	10.68	--
8	GKMS/DAMUs	GKMS/DAMUs	ICAR	9.93	--

9.15. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
2011-12	Government of Bihar	Not in Working Condition
2021-22	IMD	Functional/Good Condition

9.16. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK
Bihar	Katihar	ICM	12	620	After flood late mustard variety Uttara introduced as contingent crop
Bihar	Katihar	Fodder Production	06	280	After flood Fodder crop variety CSV-33 MF promoted among dairy farmer for meeting fodder demands

10. Report on Cereal Systems Initiative for South Asia (CSISA) : N/A

- a) Year:
b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						

Experiment 3						
...						
..						
Others (If any)						

11. Details of TSP

a. Achievements of physical output under TSP during 2022

Sl.	Activities	Physical Achievement	
		No. of Trainings/Demos	No. of beneficiaries
1)	Trainings		
a.	Farmer	91	2361
b.	Women	91	924
c.	Rural Youths	15	525
d.	Extension Personnel	5	89
2)	OFT	No. of OFTs	No. of beneficiaries
		07	170
3)	FLD	No. of FLDs	No. of beneficiaries
		06	60
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		96	8500
5)	Other activities		
a.	Participants in extension activities (No.)		13431
b.	Production of seed (q)		173
c.	Production of Planting material (No. in lakh)		76
d.	Production of Livestock strains (No. in lakh)		00
e.	Production of fingerlings (No. in lakh)		00
f.	Testing of Soil, water, plant, manures samples (Nos.)		756
g.	Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)		00
h.	No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)		16

b. Fund received under TSP in 2022-23 (Rs. In lakh):**17.41**

c. Achievements of physical outcome under TSP during 2022

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	31%
2	Change in family consumption level	%	29%
3	Change in availability of agricultural implements/ tools etc.	No. per household	260

d. Location and Beneficiary Details during 2022

District	Sub-district	No. of Village covered	Name of village(s) covered	ST population benefitted (No.)		
				M	F	T
Katihar	Katihar, Manihari	08	Nima,Sihla,Dumaria Bishanpur, Lahsha,Chitauria,	1155	711	1866

12. Details of SCSP:N/A

13. Progress report of NICRA KVK (Technology Demonstration component) during the period (Applicable for KVKs identified under NICRA)

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

Crop Management

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

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

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

Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
--	--	--	--	--	--	--	--	--	--	--

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
--	--	--	--	--	--	--	--	--	--	--

Detailed report should be provided in the circulated Performa

14. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
1					

Award received by Farmers from the KVK district

a) Farmer Award:

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1.	BAU,Kisan Samman in Kisan Mela	Sri Amresh KumarChaudhary, Bhawara Kothi Katihar, 9430927866	2022	BAU, Sabour	-	IFS

15. Any significant achievement of the KVK with facts and figures as well as quality photograph

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

Name of FPO	Address	No. of Memebers	Commodity
Mahananda Agro Producer Company Ltd.	Vill- Bharri, Kadwa, Katihar - 855105	307	Maize Cultivation + Mushroom Production
Dehayat Agro Producer Company Ltd.	Vill- Tikaili, Post- Dumaria, Dandkhora, Katihar-855114	100	Maize Cultivation
Samanwaya Agro Producer Company Ltd.	Aminabad, Semapur, Katihar	235	Maize Cultivation + Goatry
Kisan Ekta Farmer Producer Company	Bastaul, Katihar	316	Maize Cultivation + Mushroom Production

17. 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 Components established	Area (ha)	No. of Activities		No. of farmers benefited	
				Demo	Training	Demo	Training
1.	--	--	--	--	--	--	--
2.	--	--	--	--	--	--	--
3.	--	--	--	--	--	--	--

18. 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	00	00	00	00	00
II	00	00			
Total	00	00			

19. 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)
--	--	--	--
--	--	--	--

20 a) Information on ASCI Skill Development Training Programme, if undertaken during 2017-18, 2019, 2020 and 2022

Year	Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants	Whether uploaded to SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2017-18							
2019							
2020	Beekeeper (ASCI)	Dr. Sushil kr. Singh	27.03.2021	22.09.2021	25	Yes	156171.00
		Smt Sweeti Kumari					

b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2022

Year	Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants	Whether uploaded to SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2017-18	Gardener	Dr. K.P. Singh	01.12.2017	29.01.2018	30	Yes	627300.00
		Dr. Rama Kant Singh					
2019	Vermi Compost Producer	Sri Pankaj Kumar	10.01.2018	23.11.2018	20	Yes	152380.00
		Dr. Rama Kant Singh					
	Vermi Compost Producer	Sri Pankaj Kumar	15.03.2019	02.08.2019	30	Yes	178474.00
		Dr. Rama Kant Singh					
2020	Vermi Compost Producer	Sri Pankaj Kumar	15.02.2020	06.02.2021	30	Yes	445073.00
		Dr. Rama Kant Singh					
	Beekeeper	Dr. Sushil kr. Singh	30.03.2021	31.07.2021	30	Yes	81495.00
		Smt Sweeti Kumari					

21. Information of NARI Project (if applicable):

Name of Nodal Officer	No. of OFT on specified aspects	Title(s) of OFT	No. of FLD on specified aspects	No. of capacity development programme on specified aspects	Total no. of farm women/ girls involved in the project	Details of Issues related to gender mainstreaming addressed through the project
Dr. Reeta Singh, Senior Scientist and Head	00	00	00	04	103	03

Progress Information of NARI Project

a. 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.	Aganwari kendra, Ward No-10 kendra No. 53 Pranpur	Backyard/Kitchen garden	01	30	16
	Aganwari kendra, Ward No-01 kendra No. 42 Sameli		01	30	24
	Aganwari kendra, Ward No-05 kendra No. 81 Pranpur		01	66	19
	Aganwari kendra, Ward No-14 kendra No. 47 Udamrekha		01	91	22
	Aganwari kendra, Ward No-05 kendra No. 81 Falka		01	42	18
2.	Krishi Vigyan kendra, Katihar	Community level	01	30	26

b. Details of Bio-fortified crops in Nutri-Smart village

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

c. 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
--	--	--	--	--
--	--	--	--	--

d. Training programmes in Nutri-Smart village

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

e. Extension activities under NARI Project

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

22. Activities under KSHAMTA

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

23. Information on Krishi Kalyan Abhiyan Phase- I/ Phase-II/ Phase-III, if applicable; N/A

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

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

Performance of Bio fortified wheat varieties (Year wise)

Year	Name of Variety	Name of Nutrient content (Specific for)	Variety release by	Duration	No Demo Unit	Demo Yield q/h	Potential Yield	Local check yield	Yield range	Farmers preferences
2019 - 2020	BHU31	Zn	BHU	120-125	6	35.36	50-52	31.5	33.6-37.9	Good
	BHU25	Zn	BHU	120-125	6	36.45	50-52	31.0	34.8-37.8	Good
	WB 02	Zn	PAU, Ludhiana	125-130	3	40.70	50-52	31.5	36.4-41.3	Good
2020 -21	BHU 31	Zn	BHU	120-125	6	36.75	50-52	33.6	34.3-38.25	Good
	BHU 25	Zn	BHU	120-125	6	39.15	50-52	34.2	36.33-41.2	Good
2021 -22	BHU 31	Zn	BHU	120-125	6	36.21	50-52	34.3	34.3-38.2	Good
	BHU 25	Zn	BHU	120-125	6	38.45	50-52	34.3	37.36 - 39.44	Good
	PBW 1 Zn	Zn	PAU, Ludhiana	120-125	4	37.05	45-50	33.8	36.27 - 38.44	Good

CRA programme

A. Physical achievement of CRA programme upto Dec. 2022:

(i) In CRA villages:

Major achievement of CRA Programme Rabi season (2021-22)

Crop	Variety	Name of Technology	Target area (acre)	Achieved area (acre)	Grain Yield (q/ha)		Net Return (Rs/ha)		B:C ratio	
					Demo	Local check	Demo	Local check	Demo	Local check
Maize	P3355,DBW 187, P3388, NK 7720	Raised bed	300	322	101.3	84.2	94090	72710	3.5	2.98
Wheat	HD 2967, DBW 187	Raised bed	200	200	44.5	34.3	57750	40770	3.16	2.57
Wheat	HD 2967, HD 3086	Zero tillage	40	44	41.3	33.8	53970	39770	3.2	2.62
Wheat	HD 2967, DBW 187	INM	40	40	41.5	34.4	53550	40910	3.12	2.67
Lentil	IPL 316	Zero tillage	10	12	12.3	8.92	39100	21360	2.37	1.77
Mustard	RH 749,RH 725	Raised bed	20	22	15.42	11.85	42480	29500	3.21	2.65
Potato	Kufri Jyoti, Kufri Pukhraj	Potato based farming system	10	10	204	177.4	66250	52340	2.18	1.97
Chickpea	RVG 202	Raised bed	3	5	11.96	9.24	46480	32820	3.41	2.83

Summer Season (2021-22)

Crop	Variety	Target area (acre)	Achieved area (acre)	Name of Technology	Grain Yield (q/ha)		Gross Return (Rs/ha)		Net Return (Rs/ha)		B:C ratio	
					Demo	Local check	Demo	Local check	Demo	Local check	Demo	Local check
Green gram	IPM 02-14	210	210	Zero tillage	8.31	6.21	53625	40365	35725	23065	3.0	2.33
Jute	JRO 8432	25	25	Zero tillage	20.1	15.2	66330	50160	42030	2660	2.78	2.13
Sunflower	PAC 334	5	5	Raised bed	12.04	-	62608	-	43408	-	3.26	-
Dhaincha	--	10	10	Green manuring crop								
Laser Land levelling		100	100									
Total		350	350									

CRA Kharif – 2022 Result

Crop	Variety	Technology	Target area (acre)	Achieved area (acre)	Grain Yield(Q/ha)		Net Return		B:C Ratio	
					Demo	Local Check	Demo	Local Check	Demo	Local Check
Paddy	Arize 6444Gold, 27P31, 27P37, Arize 6129 Gold, Arize Tej Gold, MC 13 , MR 8383, Swarna Sub -1	DSR	400	405	48.64	37.12	75724	70677	3.48	2.87
	PAC 8744, BB 11, Rajendra Bhagwati	AWD	15	15	46.39	36.18	65387	47607	3.24	2.81
	MTU 7029, Rajendra Sweta,	FD& WH	15	15	42.65	37.23	58806	49749	3.09	2.89
	MR 8383, Swarna Sub -1, BB 11	INM	15	15	43.25	37.14	60080	49565	3.13	2.88
Maize	P3377,DKC 7074, DKC 9144,PAC 751	Raised bed	90	90	74.14	65.23	100141	84480	3.60	3.25
Pigeon pea	P 9	Raised bed	13	13	Crop Standing in field					

Resulti CRA Rabi (2021-22)

Crop	Variety	Technology	Demonstration	No of Beneficiaries	Grain Yield(Q/ha)		Net Return		B:C Ratio	
					Demo	Local Check	Demo	Local Check	Demo	Local Check
Sorghum	CSV - 15	Raised Bed	4	4	28.62	23.65	45534	32987	2.36	2.02
Foxtail millet	SIA 3156	Line sowing	15	16	12.75	10.13	22149	14842	2.28	1.90
Finger millet	CFMV-1	Line sowing	12	13	21.65	18.25	50612	40330	3.25	2.89
Pearl millet	HHB 272	Raised bed	8	8	32.16	24.36	48860	33210	3.08	2.54
Groundnut	JL 24	Raised Bed	4	04	15.38	12.52	50559	35886	2.45	2.07
Soybean	P-1241	Raised Bed	4	04	17.2	13.14	43340	29403	2.76	2.31
Total			595	602						

(ii) KVK farm under CRA (1.0 ha):

S. No.	Cropping Systems	Technology
1	Paddy- wheat- Green gram	INM- Raised bed-Zero tillage
2	Paddy- wheat- Green gram	AWD - Raised bed-Zero tillage
3	Paddy- wheat- Green gram	AWD - INM-Zero tillage
4	Paddy- wheat	Conventional- Conventional
5	Paddy- wheat- Green gram	INM - INM-Zero tillage
6	Paddy- maize- Green gram	FD- Raised bed--Zero tillage
7	Paddy- mustard	FD- Raised bed
8	Paddy- wheat- Greengram	INM- Raised bed-Zero tillage
9	Paddy- wheat	DSR- Zero tillage
10	Paddy- wheat	AWD - Raised bed

Achievements of Natural Farming

Category	No. of programme	No. of participants
Awareness Programme	10	980
Training	01	40
Demonstration	08	08
Total	19	1028

Statement of Expenditure (Natural Farming)				
Head	Sanction	Release	Expenditure	Closing Balance 31.12.2022
Awareness Programme	651000.00	267800.00	140858.00	3992.00
Training	40000.00		11423.00	
Demonstration	32000.00		18000.00	
Miscellaneous	345000.00		93527.00	
Total	1068000.00	267800.00	263808.00	3992.00

7. GKMS

Physical achievements:

- No. of Blocks Agromet advisory bulletin published - 16
- No. of advisory bulletin published - 96
- Advisory prepared in both languages: Hindi and English.
- Farmers awareness programme- 15
- No. of farmers receiving Agromet advisory bulletin through social media- 8500
- Farmer's feedback collection :55

Financial achievements:

Statement of Expenditure (GKMS/DAMUs)				
Head	Sanction	Release	Expenditure	Closing Balance 31.12.2022
Pay And Allowances	993644.00	993644.00	948752.00	44892.00
General (Recurring)				
Capital	0.00	0.00	0.00	0.00
Total	993644.00	993644.00	948752.00	44892.00

8. Makhana Development Scheme:

Farmers selected and seed (Sabour makhana -1) distributed among farmers

S.N.	No of Farmers	Area (ha)	quantities of seed (kg)
1.	50	50	1500 kg

Financial achievements:

SN	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
1.	0.00	67491.00	-67491.00

World Environment Day:

Date	Place	Plants planted
05/06/2022	KVK, Katihar	18

Kisan Club

Name of Village	Name of Block	Name of Kisan Club	No. of farmer
Sirsa	Katihar	Lakshmi Kisan Club	11
Lahsa	Mansahi	Jagriti Kisan Club	11
Kheriya	Korha	Pragatishil Kisan Club	11
Bhermara	Mansahi	Abhinav Kisan Club	14
Hardar	Balrampur	Bharat Kisan Club	11
Fulhara	Mansahi	Simanchal Kisan Club	16
Mujwar	Manihari	Unnat Kisan Club	20
