ANNUAL REPORT 2020 (1st January - 31st December 2020)

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		06452-246875	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-1Dated27th Feb 2004.

1.5. Staff Position (as on 31st December 2020)

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 **I/C**	Dr. Reeta Singh	Sr. Scientist & head	Extension Education	37400-67000/ 47800	09.07.2020	Permanent	OBC
2	Subject Matter Specialist	Smt. Nandita Kumari	Subject Matter Specialist	Home Science	15600-39100/33470	23.07.2001	Permanent	EBC
3	Subject Matter Specialist	Dr. Kamleshwari Pd.Singh	Subject Matter Specialist	Horticulture	15600-39100/ 27390	10.06.2009	Permanent	OBC
4	Subject Matter Specialist	Dr. Sushil Kumar Singh	Subject Matter Specialist	Agronomy	15600-39100/ 29950	15.06.2009	Permanent	OBC
5	Subject Matter Specialist	Sri Pankaj Kumar	Subject Matter Specialist	Extension Education	15600-39100/ 29950	16.11.2009	Permanent	EBC
6	Subject Matter Specialist	Dr. Rama Kant Singh	Subject Matter Specialist	Soil Science	15600-39100/ 26620	16.04.2012	Permanent	Gen
7	Subject Matter Specialist							
8	Programme Assistant	Smt Swarn Prabha Reddy	Programme Assistant (Lab. Tech)	B. Sc. (Ag)	9300-34800/ 17130	30.10.2012	Permanent	OBC
9	Computer Programmer	Sri Amarendra Kumar Vikas	Programme Assistant (Computer)	M.Sc. (IT)	9300-34800/ 16630	13.05.2013	Permanent	Gen
10	Farm Manager	Sri Om Prakash Bharti	Farm Manager	B.Sc. (Ag)	9300-34800/ 17130	05.11.2012	Permanent	EBC
11	Accountant / Superintendent	Sri Mukesh Kumar	Assistant	M.B.A. (Finance)	9300-34800/ 16630	09.04.2013	Permanent	EBC
12	Stenographer	Sri Biswajit Datta	Stenographer	B.Sc. (Chemistry)	5200-20200/ 12220	21.06.2013	Permanent	Gen
13.	Driver	Sri Ram Jee	Driver	Matric	5200-20200/ 9830	09.05.2015	Permanent	OBC
14.	Driver	Sri Manoj Kumar Prajapati	Driver	Matric	5200-20200/ 9830	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	4.50
4.	Orchard/Agro-forestry	1.2
5.	Others with details	12.3
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 39AP 2391)	2020	8.00	21760	Good Condition
Tractor M.F.(BR 39A 8220)	2005	5.00	306 Hours	Not in good condition
Motor cycle (BR39R 4065)	2015	0.6	10053	Good Condition
Motor Cycle(BR39R 4066)	2015	0.6	10738	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/-		
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

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
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) with Wifi Dongle	2016	52000	Good	RKVY

Photo Copier Cum Printer (Accessories)	2016	96173	Good	RKVY
Still Photographic Camera	2016	29600	Good	RKVY
LED TV Panasonic Model-TH-32C 200DX	2018	27200	Good	RKVY
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.	03.12.2020	42	As given below	As given below	

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

आज दिनांक **03.12.2020** को कृषि विज्ञान केन्द्र, कटिहार के प्रशिक्षण कक्ष में डॉ0 पारसनाथ, सह अधिष्ठाता–सह–प्राचार्य, भोला पासवान शास्त्री कृषि महाविद्यालय, पूर्णियां की अध्यक्षता में वैज्ञानिक सलाहकार समिति की 11वीं बैठक सम्पन्न हुआ। जिसमें वर्चूअल मोड द्वारा डॉ. आर.के. सोहाने, निदेषक प्रसार षिक्षा, बिहार कृषि विष्वविद्यालय, सबौर, डॉ. अमरेन्द्र कुमार, प्रधान वैज्ञानिक, अटारी, पटना तथा डॉ. मुनेष्वर प्रसाद, वरीय वैज्ञानिक एवं प्रधान, बांका उपस्थित थे। उक्त बैठक में निम्न पदाधिकारीगण, किसान तथा अन्य उपस्थित थे।

(उपस्थिति पंजी में संधारित)

डॉ. आर. के. सोहाने, निदेषक प्रसार षिक्षा, बिहार कृषि विष्वविद्यालय, सबौर (वर्चुअल मोड)
डॉ. अमरेन्द्र कुमार, प्रधान वैज्ञानिक, अटारी, पटना (वर्चुअल मोड)
डॉ. पारसनाथ, सह अधिष्ठाता–सह–प्राचार्य, भो.पा.शा.कृषि महाविद्यालय, पूर्णियाँ
डॉ. रीता सिंह, वरीय वैज्ञानिक एवं प्रधान, कृषि विज्ञान केन्द्र, कटिहार
डॉ. वी. के. मिश्रा, प्रभारी पदाधिकारी, जूट अनुसंधान केन्द्र, कटिहार
श्री निखिल कुमार, जिला परियोजना पदाधिकारी, जीविका, कटिहार
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डॉ. के.पी. सिंह, वि.व.वि. (उद्यान), कृ.वि.केन्द्र, कटिहार
डॉ. सुषील कुमार, वि.व.वि. (षष्य), कृ.वि.केन्द्र, कटिहार
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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
डॉ. बद्रीनाथ मिश्रा, जीविका डी.पी.सी.यू. कटिहार
श्री मुकेष कुमार, सहायक, कृ.वि.केन्द्र, कटिहार
श्री ओमप्रकाष भारती, प्रक्षेत्र प्रबंधक, कृ.वि.केन्द्र, कटिहार
श्री अमरेन्द्र कुमार विकास, कार्यक्रम सहायक (कम्प्यूटर)
श्री विष्वजीत दत्ता, स्टेनो, कृ.वि.केन्द्र, कटिहार
श्री मनीष कुमार, यंग प्रोफेसनल–।।
श्री चन्दन कुमार, यंग प्रोफेसनल–।।
श्री गोविन्द कुमार, बी.टी.एम. कटिहार
सुश्री पूजा कुमारी, रावे, छात्रा

सुश्री जूली कुमारी, रावे, छात्रा
मो. शफीक अजमत, रावे, छात्र
श्री नीरज कुमार कमल, रावे, छात्र
श्री दामोदर प्र. शर्मा, प्रगतिषील कृषक
श्री नरेष महतो, प्रगतिषील कृषक
श्री किषुन ऋषि, प्रगतिषील कृषक
श्री उदय शंकर सिंह, प्रगतिषील कृषक
श्रीमति षिवानी भारती, प्रगतिषील कृषक
श्रीमति कोषिला देवी, प्रगतिषील कृषक
श्रीमति मीना कुमारी, प्रगतिषील कृषक
श्री समीर चौधरी, प्रगतिषील कृषक
श्री अभिषेक कुमार, प्रगतिषील कृषक
श्री अनिल कुमार सिंह, प्रगतिषील कृषक
श्री पंचलाल मंडल, प्रगतिषील कृषक
श्री संजीब राय , प्रगतिषील कृषक
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श्री अक्षय कुमार सिंह, प्रगतिषील कृषक
श्रीमति सिम्पी राय , प्रगतिषील कृषक
श्रीमति रिंकी कुमारी, प्रगतिषील कृषक
श्री रोहित कुमार, प्रगतिषील कृषक

बैठक में पदाधिकारियों द्वारा निम्नलिखित दिशा–निर्देश दिए गए :

1. वैज्ञानिक सलाहकार समिति की बैठक में निदेषक प्रसार षिक्षा, बिहार कृषि विष्वविद्यालय, सबौर भागलपुर ने वैज्ञानिक सलाहकार समिति की 11वीं बैठक की कार्यवाही का ब्यौरा निदेषक प्रसार षिक्षा, बि.कृ.वि. सबौर एवं निदेषक, अटारी को भेजने का निर्देष दिया।

(अनुपालन–वरीय वैज्ञानिक एवं प्रधान)

2. कृषि विज्ञान केन्द्र, कटिहार में माह मार्च 2020 तक समेकित कृषि प्रणाली के मॉडल की स्थापना सुनिष्चित की जाय एवं इस सम्बन्ध में वरीय वैज्ञानिक एवं प्रधान, कृषि विज्ञान केन्द्र, कटिहार के माध्यम से कार्यपालक अभियंता, भो.पा.शा.कृषि महाविद्यालय, पूर्णियाँ को इस सन्दर्भ में पत्र प्रेषित की जाय।

(अनुपालन–वरीय वैज्ञानिक एवं प्रधान)

3. 12वीं वैज्ञानिक सलाहकार समिति की निमंत्रण पत्र के साथ 11वीं वैज्ञानिक सलाहकार समिति का ए.टी.आर. भेजा जाय।

(अनुपालन–वरीय वैज्ञानिक एवं प्रधान)

4. किसान चौपाल का आयोजन कोविड महामारी के प्रोटोकॉल का अनुसरण करते हुए शुरू किया जाय।

(अनुपालन–सभी विषय वस्तु विशेषज्ञ)

5. बिहार कृषि विष्वविद्यालय, सबौर द्वारा आयोजित होने वाले ई–किसान चौपाल का प्रचार प्रसार कृषि विज्ञान केन्द्र, कटिहार के स्तर से सुनिष्चित किया जाय एवं इसकी सूचना कृषि से जुड़े सम्बन्धित विभागों को भी व्हाट्स एप के माध्यम से भेजी जाय।

(अनुपालन–सभी विषय वस्तु विशेषज्ञ)

6. मौसम मध्यावधि पूर्वानुमान बुलेटिन आकाषवाणी, पूर्णियाँ के कार्यक्रम अधिषाषी को नियमित तौर पर प्रसारण हेतु उपलब्ध करवाया जाय।

(अनुपालन–विषय वस्तु विशेषज्ञ (मौसम)

7. फॉल आर्मी वर्म पर OFT बिहार कृषि विष्वविद्यालय, सबौर द्वारा डिजाईन की गयी OFT के आधार पर किया जाय।

(अनुपालन–विषय वस्तु विशेषज्ञ (शष्य)

8. फॉल आर्मी वर्म विषय पर जागरूकता कार्यक्रम का आयोजन फॉल आर्मी वर्म प्रभावित क्षेत्रों में आयोजित किया जाय।

(अनुपालन–सभी विषय वस्तु विशेषज्ञ)

9. केला में पनामा बिल्ट विषय पर OFT आयोजित किया जाय।

(अनुपालन–विषय वस्तु विशेषज्ञ(उद्यान)

10. मखाना परियोजना एवं बायोटेक किसान हब परियोजना में मखाना प्रत्यक्षण हेतु किसानों का चयन जल्द से जल्द सुनिष्चित किया जाय।

(अनुपालन–Co-PI, मखाना परियोजना, Co-PI एवं यंग प्रोफेशनल, बायोटेक किसान हब परियोजना)

11. बायोटेक किसान हब परियोजना अन्तर्गत केला प्रत्यक्षण वाले खेतों में ड्रीप सिंचाई लगाने हेतु उद्यान विभाग से सम्पर्क स्थापित कर अनुदानित दर पर ड्रीप सिंचाई पद्धति लगाने हेतु प्रयास किया जाय।

(अनुपालन–विषय वस्तु विशेषज्ञ, उद्यान एवं विषय वस्तु विशेषज्ञ, प्रसार शिक्षा)

12. गरीब कल्याण रोजगार अभियान अन्तर्गत प्रषिक्षित प्रवासी श्रमिकों की सूची पशुपालन विभाग, गव्य विभाग, जिला उद्यान कार्यालय, जिला कृषि पदाधिकारी, परियोजना निदेषक, आत्मा एवं अन्य कार्यालयों को विभिन्न योजनाओं में शामिल करने हेतु उपलब्ध करवाया जाय।

(अनुपालन–सभी विषय वस्तु विशेषज्ञ)

13. मौसम मध्यावधि पूर्वानुमान बुलेटिन को ज्यादा से ज्यादा किसानों को उपलब्ध करवाया जाय।

(अनुपालन–विषय वस्तु विशेषज्ञ(मौसम)

14. हैप्पी सीडर से रबी 2020–21 में 100 एकड़ क्षेत्रफल में गेहूँ की बुआई सुनिष्चित की जाय।

(अनुपालन–सभी विषय वस्तु विशेषज्ञ)

15. OFT से FLD में ले जायी गयी तकनीकों को सूचीबद्ध कर निदेषक प्रसार षिक्षा, बि.कृ.वि. सबौर को भेजा जाय।

(अनुपालन–सभी विषय वस्तु विशेषज्ञ)

16. Bio fortified गेहूँ के उत्पादन हेतु कृषकों को जागरूक करना।

(अनुपालन–सभी विषय वस्तु विशेषज्ञ)

17. वेस्ट डिकम्पोजर का समेकित पोषण, उर्वरक प्रबंधन, फफँदनाषक एवं डिकम्पोजर के रूप में प्रभाव का डेटाबेस तैयार किया जाय।

(अनुपालन–विषय वस्तु विशेषज्ञ, मृदा विज्ञान, शष्य विज्ञान एवं वैज्ञानिक पौधा संरक्षण, जूट अनुसंधान केन्द्र, कटिहार)

18. कुछ गाँवों का चयन कर जीविका एवं कृषि विज्ञान केन्द्र, कटिहार द्वारा संयुक्त गतिविधियाँ आयोजित की जाय।

(अनुपालन–सभी विषय वस्तु विशेषज्ञ)

2. a. District level data on agriculture, livestock and farming situation (2020)

S.N.	Item	Information
1	Major Farming system/enterprise	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	**Up land sandy soil** : Suitable for maize, wheat, Banana, vegetables & fruits **Medium Sandy loam soil** : Wheat, Maize, Jute, Rice, Oil seeds , pulses , vegetable & fruits cultivation **Low lying clay soil**: with flood & water lodging condition Suitable for Boro paddy, Makhana & para cropping Diara land of Kosi, Ganga and Mahananda with sandy soil. **loamy soil** : Suitable for Rabi Maize, wheat, oil seeds pulses & cucurbitaceous vegetable flooded during Kharif Season
4	Soil type	**Up land sandy soil-** Suitable for vegetables wheat, maize, Banana **Medium Loamy Soil** – Well drained rich in organic carbon suited for wheat, Maize, oil seeds, pulses & vegetables **Low lying clay soils** – Suitable for Makhana, Boro paddy & fishery **New alluvial diara land soil** – Deposition of clay soil year after year good for Rabi crops.

5 Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others

Name of Crops	Productivity(q/ha)
Rice	41
Maize	72
Wheat	33
Pigeonpea	13
Mustard	12
Pulses (others) (lentil)	10.80
Potato	16.36
Okra	12.79
Jute (Fibre)	22
Cauliflower	16.69
Brinjal	20.80
Banana	48.00
Tomato	19.79
Cabbage	16.90
Chili	11.60
Mango	7.90
Guava	8.00
Lichi	7.58
Onion	19.86
Merigold	8.0

6 Mean yearly temperature, rainfall, humidity of the district

Month	Temperature (^{0}C)		Rainfall (mm)	Relative Humidity (%)	
	Max	Min		Max	Min
Jan, 2020	20.20	13.27	3.19	68.62	39.57
Feb, 2020	25.32	12.63	21.47	61.01	28.93
March, 2020	29.79	18.70	44.91	52.19	25.66
April, 2020	33.84	20.67	77.13	52.78	25.23
May,2020	32.84	23.44	129.93	93.18	39.40
June, 2020	33.37	26.12	204.35	81.10	49.93
July, 2020	33.05	26.94	455.99	88.22	73.86
August, 2020	34.17	26.96	263.53	84.36	57.81
Sept, 2020	33.05	26.28	388.93	86.14	60.64
Oct, 2020	30.46	23.34	42.49	83.55	59.06
Nov, 2020	27.66	18.74	0	68.45	41.76
Dec, 2020	23.29	12.08	0	67.24	36.95

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

Name of livestock	Total(No of Cattle)
Cow	399287
Buffaloes	70734
Goat	445861
Sheep	6700
Poultry	1122122
Fish	8643 ton

2.b. Details of operational area / villages (2020)

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.		Katihar	Pokhariya	Vegetables, Paddy, Maize,Potato,Wheat	Lack of high yielding varieties, pest & diseases control	Varietal Improvement, Promotion of IPM Practices Promotion of Banana Makhana based farming system and jute cultivation
4.		Dandkhora	Baruatola	Maize, Paddy, Wheat, Vegetables	Lack of high yielding variety, pest & diseases control, INM	Varietal Improvement, Promotion of IPM Practices Promotion of INM Practices
5.		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 2020) for its development and action plan

Name of village	Block	Action taken for development
Baharkhal	Korha	CRA activities Organise Krishak Gosthi Organise Soil Health Camp Organise Training Programmes
Sirsa	Katihar	Organise Krishak Gosthi Organise Training Programmes FLD
Pokhariya	Katihar	Organise Soil Health Camp Organise Krishak Gosthi Organise Training Programmes FLD
Baruatola	Dandkhora	Organise Training Programmes FLD OFT
Musapur	Korha	CRA activities Organise Krishak Gosthi Organise 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 adition of agricultural products
4	Drudgery reduction of farm women
5	Promotion of Entrepreneurship development
6	Promotion of FPOs
7	Promotion of Organic Farming
8	Promotion of Climate Resillent Agriculture
9	Popularization of Agro advisory services regarding different crops
10	Nutrition management in crop plants
11	Promotion and adoption of Integrated farming system
12	Popularization of good quality vegetable seeds
13	Technology dissemination through production and supply of plant and seed materials

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	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
10	10	197	4	2	3	1	203	7	210	7	217	11	14	125	21	7	13	35	50	10	84	52	136

Training											Extension Activities										
Number of Courses		Number of Participants									Number of activities		Number of participants								
Target	Achievement	Target	Achievement								Target	Achievement	Target	Achievement							
			SC		ST		Others		Total					SC		ST		Others		Total	
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
130	**145**	**3220**	313	138	347	177	242	639	3081	954	4035	635	4035	4025	1756	607	1817	937	8563	3890	12166	5434	17600

Impact of capacity building										Impact of Extension activities										
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T
20	37	9	3	12	4	173	12	194	19	213	635	4035	22	7	35	5	355	19	412	31	443

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
150	154.4	0.10	0.15

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
00	00	1000	1385

* Give no. only in case of fish fingerlings

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	01						
Seminar/conference/ symposia papers	00						
Books	00						
Bulletins	01						
News letter	04						
Popular Articles	00						
Book Chapter	13						
Extension Pamphlets/ literature	02						
Technical reports	12						
Electronic Publication (CD/DVD etc)	--						
TOTAL	33						

3.1 Achievements of On Farm Trial

Details of OFTs conducted during the year

OFT (Agronomy)

1.	**Title of On farm Trial**	**To assess the mitigation of heat stress in wheat through foliar application of potassium nitrate (KNO_3)**
2.	**Problem diagnosed**	Farmers are sowing wheat late in flood affected areas faces heat stress resulted in poor wheat yield.
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	TO_1: Farmers Practice (No foliar spray of KNO_3) TO_2: Foliar spray of 0.5 % KNO_3 at booting stage + foliar spray of 0.5 %KNO_3 at anthesis stage TO_3: Foliar spray of 1.0 %KNO_3 at anthesis stage
4.	**Source of Technology**	BAU, Sabour
5.	**Production system and thematic area**	Paddy-wheat-greengram ICM
6.	**Performance of the Technology with performance indicators**	Yield(q/ha), Cost of cultivation(Rs/ha), Gross return(Rs/ha), Net return(Rs/ha), BC ratio
7.	**Final recommendation for micro level situation**	Technical option 2 (TO_2- Foliar spray of 0.5 % KNO_3 at booting stage + foliar spray of 0.5 %KNO_3 at anthesis stagein comparison with other treatments
8.	**Constraints identified and feedback for research**	1. Shrinking of seed grain 2. low yield performance
9.	**Process of farmers participation and their reaction**	1. Farmers are actively participated with this trial 2. Farmers very happy to use KNO_3

Table 1: Physico-chemical properties of Experimental Soil

Treatment	pH (1.2.5)		ECe (d Sm^{-1})		OC (%)		Avail. N (kg ha^{-1})		Avail. P (kg ha^{-1})		Avail. K (kg ha^{-1})	
	Initial	Final	Initial	Final	Initial	Final	Initial	Final	Initial	Final	Initial	Final
TO_1	7.7	7.0	0.04	0.04	0.39	0.37	208	219	21	21	243	245
TO_2	7.0	7.1	0.041	0.04	0.40	0.39	207	204	24	23	235	278
TO_3	7.1	7.0	0.042	0.04	0.39	0.41	196	202	22	21	272	253
CD (p=0.05)	0.01	0.01	0.003	0.002	0.02	0.03	2.03	2.01	0.23	0.15	1.38	1.75

Table 2: Yield attributes and yield of wheat

Treatment	No. of Effective tiller/m^2	No. of grains/ panicle	1000 grain (wt./gm)	Grain Yield (q/ha)	Harvest index (%)
TO_1	214	38.76	36.88	27.95	35.74
TO_2	261	57.31	39.28	36.14	42.62
TO_3	254	47.15	38.08	33.87	41.13
CD (p=0.05)	7.53	2.04	0.05	0.05	ND

Table3: Economics of wheat

Treatment	Cost of cultivation (Rs./ha)	Gross income (Rs./ha)	Net Return (Rs./ha)	B:C Ratio
TO_1	26500	51707	25207	1.95
TO_2	27400	68227	40828	2.43
TO_3	27000	62660	35660	2.69

Final Recommendation for micro level situation: Technical option 2 (TO_2- Foliar spray of 0.5 % KNO_3 at booting stage + foliar spray of 0.5 %KNO_3 at anthesis stagein comparison with other treatments

Result:

Thus foliar spray of 0.5 % KNO_3 at booting stage and 0.5 % at anthesis stage, mitigated well from heat stress and resulted in higher grain yield (47.15/ha), net return (Rs. 35660/ha) and B:C ratio (2.69)

OFT- (Agronomy)

1.	**Title of On farm Trial**	**Effect of different rows spacing on fibre yield of Jute.**
2.	**Problem diagnosed**	Sowing of jute seed by majority of farmers by broadcasting method restricts inter cultural operation which result in low fibre yield
3.	**Details of technologies selected for assessment/refinement**	TO_1 :Farmers Practice (broadcasting of seed) TO_2: Seeds sown at 20 cm row spacing TO_3: Seeds sown at 30 cm row spacing
4.	**Source of Technology**	JRS, Katihar
5.	**Production system and thematic area**	Jute-Maize/ Mustard ICM
6.	**Performance of the Technology with performance indicators**	Plant height, basal diameter, green weight, fiber weight, fiber yield,Gross return, Net return, BC ratio, Soil analysis (initial & final)
7.	**Final recommendation for micro level situation**	Technical option 2 (TO_2- Seeds sown at 20cm) perform best in comparison to other technological options
8.	**Constraints identified and feedback for research**	1. Weed control a measure constrains in jute 2. Poor fiber yield performance
9.	**Process of farmers participation and their reaction**	1.Farmers are actively participated with this trial 2. Farmers very happy with line sowing

Table 1: Physico-chemical properties of Experimental Soil

Treatment	pH (1.2.5)	ECe (d Sm^{-1})	OC (%)	Avail. N (kg ha^{-1})	Avail. P (kg ha^{-1})	Avail. K (kg ha^{-1})
Initial	6.67	0.037	0.44	189	25	285
Final	6.70	0.036	0.45	199	36	302
CD (p=0.05)	NS	NS	0.02	3.14	2.03	2.17

Table 2: Effect of different treatments on yield attributes and yields of Jute

Treatment	Disease/ insect pest incidence (%)	Plant Height (cm)	Basal diameter (cm)	Green plant wt. (qt ha^{-1})	Fiber yield (qha^{-1})
TO_1	10.0	287	1.39	285.43	22.14
TO_2	6.0	294	1.86	375.41	31.27
TO_3	5.0	271	1.71	342.37	29.68
CD (p=0.05)	0.86	19	0.05	10.98	2.11

Table 3 : Effect of different treatments on economics of Jute

Treatment	Cost of cultivation (Rs./ha)	Gross income (Rs./ha)	Net Return (Rs./ha)	B:C Ratio
TO_1	31850	61992	30145	1.95
TO_2	32600	87556	54956	2.68
TO_3	32750	83104	50354	2.54

Results: Jute seeds sown seeds sown at 20 cm row spacing perform best which gives higher fiber yield (31.27 q/ha), net return (Rs. 54956 /ha) and B:C ratio (2.68) .

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)**	**$TO_{1:}$: Farmers Practice (No efforts for preventing cold injury in nursery)** **$TO_{2:}$: Recommended dose of N & K (1.0 kg N & 1.0 kg K_2O/100 m^2 area) + double dose of P_2O_5 (2.0 kg P_2O_5/100 m^2 area)** **$TO_{3:}$: TO2 + irrigating nursery in morning and let out water in evening**
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	**A.N.G.R.A.U, Hyderabad**
5.	**Production system and thematic area**	**Paddy-Maize/ Mustard Nursery management**
6.	**Performance of the Technology with performance indicators**	**(i) Root length (cm) at 15 DAS, 30 DAS** **(ii) Shoot length (cm) at 15 DAS, 30 DAS** **(iii) Seedling height (cm) at 15 DAS, 30 DAS**
7.	**Design**	**RBD**
	Plot Size	**0.10 ha**
8.	**Constraints identified and feedback for research**	
9.	**Process of farmers participation and their reaction**	

Results Awaited

OFT-(Soil Science)

Title	**Evaluation of ST-TY (Soil Test Targeted Yield) based on nutrient management in Jute**
Thematic Area	Integrated Nutrient Management
Problem diagnosed	Low yield due to imbalance application of nutrients
Important Cause	Injudicious Uses of Fertilizer
Production system	Jute-Mustard based production system.
Micro farming system	Jute-mustard- rice
Technology for Testing	STTY
Existing Practice	Farmers practice
Hypothesis	Targeted yield (35 qha^{-1})
Objective	Improve the area of jute
Treatments	TO_1 – Farmer Practices (23:20:15 :: N:P:K) TO_2 – ST-TY (35 qha^{-1}) = 123:49:27:: N:P:K TO_3 - ST-TY (35 qha^{-1}) = 83:35:19:: N:P:K + FYM @ 5 t/ ha
Critical Inputs	Seed, Nutrients, chemicals
Unit Size	0.10 ha
No of Replications	10
Monitoring Indicator	**Technical Observation:** Initial and Final Soil Nutrient Status, Plants growth and fiber yield attributes {Height (cm), Diameter of tillers)} and fiber Yield (qha^{-1}) **Economic Indicators:** Net return, B:C ratio
Source of Technology	BAU, Sabour

Table 1: Physico-chemical Properties of experimental Soil

Treatments	pH (1:2.5)	ECe (dSm^{-1})	O.C. (%)	Available Nutrients ($kg\ ha^{-1}$)		
				N	P	K
Initial	6.36	0.19	0.58	321.70	27.10	288.50
Final	6.29	0.19	0.55	325.90	30.30	292.30
CD (p=0.05)	0.03	NS	0.01	2.4	1.08	24.04

Table 2: Yield attributing characters of Jute as influenced by different treatments

Treatments	Disease/Insect Infestation (%)	Plant height (cm)	Basal diameter (cm)	Green weight of Plant ($q\ ha^{-1}$)	Fiber Yield ($q\ ha^{-1}$)	Targeted yield deviation (%)
TO_1	22	285	1.41	256.54	20.52	-41.36
TO_2	18	346	1.92	392.20	31.38	-10.35
TO_3	16	348	1.98	416.95	33.36	-4.70
CD (p=0.05)	0.72	7.05	0.08	17.25	2.04	1.25

Table 3: Economics of Jute as influenced by different treatments

Treatments	Cost of cultivation (Rs ha^{-1})	Gross income (Rs ha^{-1})	Net Income (Rs ha^{-1})	B:C ratio
TO_1	36553	57465	20912	1.57
TO_2	37560	87853	50293	2.34
TO_3	38230	93397	55167	2.44
CD (p=0.05)	14.06	202	187	0.05

Result:

Application of fertilizers as per soil test targeted yield without and with FYM approximately achieved the target of 31.38 q ha^{-1} and 33.36 q ha^{-1} fibre production of jute with (-) 10.35 % and (-) 4.70 % yield deviation, respectively. Jute yield within (-) 10% deviation was attained due to heavy rain, which indicated that soil test based fertilizer dose with FYM was superior. The farmer's practice of fertilizer application were less efficient in producing fibre yield (- 41.36 %) of jute.

The net return was increased by about Rs.50293 (T_2) to Rs. 55167 (T_3) ha^{-1} in comparison to farmer practices Rs.20912. Therefore, the FYM and fertilizers dose based on STTY treatment recorded highest B:C ratio (2.34) over all treatments including T_2 (2.34) and farmers practice (1.57). This approach could be adopted for regions with similar soil and agro-climatic conditions to increase jute yield.

OFT-(Soil Science)

Title	**Evaluation of Azolla and BGA on rice yield and soil health.**
Thematic Area	Integrated Nutrient Management
Problem diagnosed	Poor soil fertility status in soil.
Important Cause	Low rice yield due poor soil fertility status. N (180-230 kg/ha) P (7.6-10.2 kg/ha) K (110-118 kg/ha)
Production system	Rice based production system.
Micro farming system	Rice-Wheat-Green gram
Technology for Testing	Application of Azolla and BGA in low land rice field.
Existing Practice	No application of BGA and Azolla in rice field.
Hypothesis	Application of BGA and Azolla may increase the yield of rice & improve the soil health.
Objective	To improve rice yield and soil health.
Treatments	TO_1: Farmers' Practice (96:56:16 kg/ha $N:P_2O_5:K_2O$) TO_2: FP+BGA @ 10 kg/ha TO_3: RDF 75% N (90:60:40 kg/ha $N:P_2O_5:K_2O$)+BGA@ 10Kg/ha TO_4: RDF 75%N (90:60:40 kg/ha $N:P_2O_5:K_2O$)+ Azollz@10ton/ha
Critical Inputs	Seed, Azolla, BGA and Fertilizer
Unit Size	0.10 ha
No of Replications	10
Monitoring Indicator	**Technical Observation:** Initial and Final Soil Nutrient Status, plant growth and yield attributes (Height (cm), Number of tillers/hill, Number of Panicles/m^2, 1000 Grain Weight), Yield (q/ha) **Economic Indicators:** Net return, B:C ratio
Source of Technology	BAU, Sabour

Table 1: Physico-chemical Properties of experimental Soil

Treatments	pH (1:2.5)	ECe (d Sm^{-1})	O.C. (%)	Available Nutrients (kg ha^{-1})		
				N	P	K
Initial	6.61	0.19	0.63	354	34	230
Final	6.38	0.21	0.62	347	32	233
CD (p=0.05)	0.24	0.02	0.04	2.45	1.04	0.85

Table 2: Effect of Azolla and BGA on growth and yield attributes of rice

Treatments	Plant height (cm)	No of tillers / Plant	Ear bearing tillers /plant	Panicle length (cm)	Kernels /panicle	Filled Kernels /panicle	Effective tillers (m^{-2})	Test weight (g)
TO_1	118.24	11.24	9.24	22.52	152.18	121.22	175.05	14.25
TO_2	121.16	12.46	10.05	24.35	155.36	123.28	202.31	14.38
TO_3	120.57	12.38	10.94	26.22	165.91	131.25	218.24	15.22
TO_4	120.26	12.76	10.72	26.39	166.24	131.12	214.75	15.07

CD (p=0.05)	0.02	0.08	0.12	0.12	0.04	0.21	0.14	0.17

Table 3: Effect of Azolla and BGA on yield and economics of rice

Treatments	Grain yield (qt ha^{-1})	Straw yield (qt ha^{-1})	Harvest Index (%)	Cost of cultivation (Rs ha^{-1})	Gross Return (Rs ha^{-1})	Net Return (Rs ha^{-1})	BC ratio
TO_1	30.24	42.56	41.54	29000	71845	42845	2.48
TO_2	35.86	48.36	42.58	29500	83519	54019	2.83
TO_3	43.60	52.14	45.54	29700	96207	66507	3.24
TO_4	42.43	53.17	44.39	30500	95578	65078	3.13
CD (p=0.05)	1.7	1.2	0.52	27	18	24	ND

Result: It is clear from the data presented in table that performance of treatment TO_3 (RDF 75% N (90:60:40 kg/ha N: P_2 O_5: K_2O) + BGA@ 10Kg/ha) is found superior over other treatments and farmers practices in respect to yield and benefit cost ratio but TO_4 (RDF 75%N (90:60:40 kg/ha N:P_2O_5:K_2O)+ Azolla@10ton/ha) is at par in comparison with TO_3. Therefore, TO_4 and TO_3 may be recommended to farmers.

OFT (Soil Science)

Title	**Assessment of liquid and carrier based bio-fertilizers on performance of transplanted rice and soil properties**
Thematic Area	INM
Problem diagnosed	Less uses of bio-fertilizers and deficient of soil properties
Important Cause	Higher doses of urea for taken maximum yield
Production system	Paddy-wheat/ Maize
Technology for Testing	Assessment of liquid bio-fertilizers in Paddy
Existing Practice	Farmers practice (Minimum uses of bio-fertilizers)
Hypothesis	Improve Farmer income
Objective	To management the nitrogen & Phosphorous deficiency
Treatments	TO_1: Farmers Practice (150:20:10 :: N:P:K with minimum uses of bio-fertilizers) TO_2: RDF [120:60:40] (80% of N +80 % of P + 100% of K) + Soil application of liquid bio-fertilizer (750 ml/ha Liquid azotobactor + 750 ml/ha Liquid PSB) TO_3: RDF [120:60:40] (80% of N +80 % of P + 100% of K) + Soil application of bio-fertilizer (5kg/ha azotobactor + 5kg/ha PSB)
Critical Inputs	Seed, liquid and carrier biofertilizers and granular fertilizers
Unit Size	0.10 ha
No of Replications	10
Monitoring Indicator	initial and final soil analysis, Plants growth and yield attributes, Yield, Net return, B:C ratio
Source of Technology	BAU Sabour

Table 1: Physico-chemical Properties of experimental Soil

Treatments	**pH (1:2.5)**	**ECe (dSm^{-1})**	**O.C. (%)**	**Available Nutrients ($kg\ ha^{-1}$)**		
				N	P	K
Initial	5.83	0.17	0.60	259	34	236
Final	5.90	0.19	0.61	248	31	242
CD (p=0.05)	0.02	0.01	0.008	2.1	0.89	1.78

Table 2: Effect of liquid and carrier based bio-fertilizers on growth attributes of rice

Treatments	Plant height (cm)	Effective tillers (m^{-2})	Panicle length (cm)	Kernels / panicle	Filled Kernels / panicle	Test weight (g)
TO_1	117.84	171.05	21.03	156.35	124.07	14.17
TO_2	121.24	224.35	25.87	178.05	136.29	15.10
TO_3	121.02	211.74	25.02	172.05	135.04	15.02
CD (p=0.05)	0.34	4.25	0.05	1.26	0.82	0.07

Table 3: Effect of liquid and carrier based bio-fertilizers on yield and economics of rice

Treatments	Grain yield (qt ha^{-1})	Straw yield (qt ha^{-1})	Harvest Index (%)	Cost of cultivation (Rs ha^{-1})	Gross Return (Rs ha^{-1})	Net Return (Rs ha^{-1})	BC ratio
TO_1	30.07	42.56	41.40	30500	71637	41137	2.35
TO_2	46.17	52.14	46.96	32000	99425	67425	3.11
TO_3	42.95	53.17	44.68	31500	96220	64720	3.05
CD (p=0.05)	0.15	0.08	1.42	106	205	76	ND

Result:

It is clear from the data presented in table that the performance of treatment TO_2: RDF [120:60:40] (80% of N +80 % of P + 100% of K) + Soil application of liquid bio-fertilizer (750 ml/ha liquid azotobactor + 750 ml/ha liquid PSB) is found superior over other treatments and farmers practices in respect to production and economic parameters but TO_3: RDF [120:60:40] (80% of N +80 % of P + 100% of K) + Soil application of bio-fertilizer (5kg/ha azotobactor + 5kg/ha PSB) is at par in comparison with TO_2. Therefore, TO_3 and TO_2 may be recommended to farmers.

OFT (Soil Science)

1.	**Title of On farm Trial**	Assessment of Boron and Molybdenum on Growth, Yield and Quality of Cauliflower (*Brassica oleracea* L. var. botrytis)
2.	**Problem diagnosed**	Death of young leaves, stem becomes hollow with the cavity surrounded by water soaked tissues and some curds change to rusting brown in Mo & B deficient Soil.
3.	**Details of technologies selected for assessment/refinement**	TO_1 – Farmer Practices (180:40:20 :: N:P:K) TO_2 – 120:60:60 :: N:P:K) + 20 t/ha FYM TO_3 – 120:60:60 :: N:P:K) + 20 t/ha FYM + 20 kg/ha Borex and 2 kg/ha Mo
4.	**Source of Technology**	IIVR Varanasi
5.	**Production system and thematic area**	vegetable -vegetable
7.	**Final recommendation for micro level situation**	Technical option 3 (TO_3- 120:60:60 :: N:P:K + 20 t/ha FYM + 20 kg/ha Borex and 2 kg/ha Mo) has best performance in comparision to other technological option. Therefore, 20 kg Borex and 2 kg molybdenum recommended for farmer to use for control of death of young leaves, stem becomes hollow with the cavity surrounded by water soaked tissues.
8.	**Constraints identified and feedback for research**	1. Lack of soil testing 2. farmers uses only pesticides for control
9.	**Process of farmers participation and their reaction**	1. Farmers are actively participated with this trial 2. Farmers very happy to use these micronutrients

Table 1: Physico-chemical Properties of experimental Soil

Treatments	pH (1:2.5)	ECe (d Sm^{-1})	O.C. (%)	Available Nutrients (kg ha^{-1})		
				N	P	K
Initial	6.17	0.18	0.68	379	36	259
Final	6.12	0.20	0.67	343	32	256
CD (p=0.05)	0.04	NS	0.01	1.27	0.82	0.51

Table 2: Effect of different treatments on growth attributes and yields of Cauliflower

Treatments	Days after 50 %Curd Initiation	Days after 50 %Curd Maturity	Curd Maturity Duration (CMD)	Marketable curd weight (g)	Curd length (cm)	Plant height (cm)	Curd diameter (cm)	Yield of marketable curd (qt ha^{-1})
TO_1	78	102	15	298	10.52	52.48	13.27	110.37
TO_2	80	97	14	328	11.46	56.18	14.17	121.48
TO_3	84	96	14	345	11.87	58.75	14.85	127.78
CD (p=0.05)	1.6	0.5	NS	21	0.9	0.4	0.07	1.06

Table 3: Effect of different treatments on economics of cauliflower

Treatments	Cost of Cultivation (Rs ha^{-1})	Gross Income (Rs ha^{-1})	Net Income (Rs ha^{-1})	B C ratio
TO_1	88500	386296	297796	4.36
TO_2	89600	425185	335585	4.75
TO_3	91300	447222	355922	4.90
CD (p=0.05)	102	87	92	ND

Result:

The data related to response of different treatments presented in table that marketable yield increase 15.77 and 5.71 percent with application of recommended dose of fertilizers + 20 t/ha FYM + 20 kg/ha B and 2 kg/ha Mo (TO_3) and only 20 t ha^{-1} FYM with recommended doses of fertilizers (TO_2) in comparisons to farmer practice. In respect to economics the benefit cost ratio is also increase 12.39 and 3.44 in comparison to farmers practices. It is possible due to control of hollow heart and rusting brown of curd in cauliflower. Therefore, production and marketed value is going to increase.

OFT (Horticulture)

1.	**Title**	**Assessment of PGR on sex expression and yield of Bottle gourd Var. Narendra Rashmi.**
2.	**Problem diagnosed**	The Bottle gourd possesses monocious forms and also possess a great diversity in Pistilate and staminate flowering ratio. In monocious forms the production of staminate flower is far in excess of Pistilate counterpart. Since the yield of crop depends upon the production of Pistilate flowers, it is worthwhile to study the possibility of bringing about a shelf life in favor of Pistilate flowers. Plane growth regulators have profound influence on fruit production in cucurbits. It can modify growth and sex expression, improve fruit set and ultimately increase the yield in number of cucurbits. A relationship between growth, substances and sex expression probably exists in these plants.
3.	**Details of technologies selected for assessment/refinement**	**TO_1:** Farmer's Practice (No use of PGR**)** **TO_2:** Spraying of Ethophone-200 PPM (0.2gm) at two leaves and four true leaves. **TO_3:** MH-100 PPM (0.1gm) at two leaves and four true leaves. **TO_4:**GA_3-75 PPM (0.075gm) at two leaves and four true leaves**.**
4.	**Source of Technology**	BAU, Sabour, Bhagalpur
5.	**Production system and thematic area**	Paddy-Maize/ Wheat and Vegetable production
6.	**Final recommendation for micro level situation**	Technical option 2 (TO_2- Spring of Ethophone-200 PPM (0.2gm) at two leaves and four true leaves in comparison with other treatments
7.	**Constraints identified and feedback for research**	1. Low fruit set in bottle guard 2. low yield performance
8.	**Process of farmers participation and their reaction**	1. Farmers are actively participated with this trial 2. Farmers very happy with Spraying of Ethophone-200 PPM

Table 1: Yield and yield attributes of bottle guard

Treatments	Vine length (m)	No. of branches/vine	No. of fruits/vine	Fruit weight(kg)	Fruit length(cm)	Fruit diameter (cm)	Yield (q/ha)	B:C ratio
TO_1	6.05	5.22	5.85	2.15	48.56	7.86	305.11	2.01
TO_2	6.75	8.80	9.75	1.82	40.15	6.88	465.12	3.16
TO_3	5.85	6.24	7.26	1.95	45.30	7.42	316.10	2.21
TO_4	5.10	7.15	8.14	1.89	43.56	7.18	328.26	2.81
CD	1.86	2.01	2.52	0.56	4.12	1.36	40.56	

Result:

Foliar spraying of Ethophone -200 ppm (0.2g) at two leaves and four leaves was found superior in increasing number of branches /vine , number of fruits/vine and yield/ha. The maximum fruit yield of 465.12 q/ha with higher B: C ratio (3.16) was obtained with foliar spraying of Ethophone 200 ppm (0.2g) at two leaves and four true leaves. The foliar spraying of GA_3 -75 ppm (0.075g) at two leaves and four true leaves ranked second in merit with respect to yield and B: C ratio. The lowest yield (305.11 q/ha) and B: C ratio (2.01) was recorded under farmers practice**.**

OFT 1: (Extension Education)

1	**Title**	Study on awareness and perception of farmers about Soil Health Card
2	**Thematic Area**	Capacity Building
3	**Problem diagnosed**	Farmers unawareness about soil health card benefits
4	**Treatments**	TO_1 – Farmers not having Soil Health card TO_2 – Farmers having soil health card and follow the recommendations TO_3 - Farmers having soil health card but not following the recommendations
5	**Parameters**	❖ Awareness about SHC ❖ Perception about SHC Constraints ❖ SHC is not in the Priority list of farmers ❖ Mindset about traditional fertilizer use pattern ❖ Constraints of capital at crucial time of farming ❖ Distance from Field to Lab ❖ Change in Productivity ❖ Waiting for others adoption success rate ❖ Unable to calculate fertilizer dose as per the recommendation
6	**Source of Technology**	BAU, Sabour
7	**No. of respondents**	60

Distribution of respondents according to their personal, socio, economic

Characteristics . (N=60)

S.No.	Particulars	Category	Frequency (No)	Percentage (%)
1.	**Age (yrs.)**	Young (20 - 35)	21	35.00
		Middle (35 - 50)	27	45.00
		Old (50 & above)	12	20.00
2.	**Gender**	Male	60	100.00
		Female	0	0.00
3.	**Caste**	General	19	31.67
		OBC	33	55.00
		SC/ ST	8	13.33
4.	**Education**	Illiterate	2	3.33
		Read & Write	11	18.33
		Primary School	8	13.33

		Middle School	22	36.67
		Intermediate	10	16.67
		UG/ PG	7	11.67
5.	**Occupation**	Agriculture	58	96.67
		Service	2	3.33
6.	**Monthly Income (Rs.)**	Below 10,000	7	11.67
		10,001 -1 5,000	32	53.33
		15,001 & above	21	35.00
		Small (< = 5)	**6**	10.00
		Medium (5 - 10)	**35**	58.33
		Large (> 10)	**19**	31.67
		Kachcha	**3**	5.00
		Pacca	**34**	56.67
		Mixed	**23**	38.33
		Small (< = 2)	**12**	35.83
		Medium (2.1 - 4)	**38**	43.33
		Large (> = 4.1)	**10**	20.83
		Low (<=5)	**7**	11.67
		Medium (5-10)	**22**	36.67
		High (>=10)	**31**	51.67
		Low (<=5)	**3**	5.00
		Medium (5-10)	**23**	38.33
		High (>=10)	**34**	56.67

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)
TO_1 – Farmers not having Soil Health card	20	13 (65)	6(30)	1(5)
TO_2 – Farmers having soil health card and follow the recommendations	20	0(0)	3(15)	17(85)
TO_3- Farmers having soil health card but not following the recommendations	20	4(20)	14(70)	2(10)

Distribution of respondents according to their perception regarding SHC

Treatments	No. of Replications	Frequency (No)/ (Percentage (%))		
		Less Favorable	Favorable	Most Favorable
TO_1 – Farmers not having Soil Health card	20	17 (85)	2(10)	1(5)
TO_2 – Farmers having soil health card and follow the recommendations	20		1(5)	19(95)
TO_3- Farmers having soil health card but not following the recommendations	20	14(60)	6(30)	2(10)

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

S.No.	Constraints	Frequency (No)	Percentage (%)	Rank
1	Unable to calculate fertilizer dose as per the recommendation	17	28.33	VIII
2	SHC is not in the Priority list of farmers	27	45.00	V
3	Mindset about traditional fertilizer use pattern	51	85.00	I
4	Constraints of capital at crucial time of farming	22	36.66	VI
5	Distance from Field to Lab	39	65.00	III
6	Change in Productivity	43	71.66	II
7	Waiting for others adoption success rate	29	48.33	IV
8	Irregularity of extension services	19	31.66	VII

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

OFT 2: (Extension Education)

Title	**Effectiveness of Extension Literature on Knowledge and Adoption of Farmers in respect to wheat Production technology**
Thematic Area	Capacity building
Problem diagnosed	Lack of technical knowledge for farmers as per need
Treatments	TO_1 – Existing agricultural technical knowledge TO_2 – Extension literature provided by KVK TO_3–Extension Literature provided by other agencies
Parameters	Level of knowledge gained, Adoption, Production and Income
Source of Technology	BAU, Sabour
No. of respondents	60

Distribution of respondents according to their personal, socio, economic characteristics . (N=60)

S. No.	Variables	Categories	Frequency	Percentage
1	Age	Young Age Group	11	18.33
		Middle Age Group	41	68.33
		Old Age Group	8	13.33
2	Level of education	Illiterate	2	3.33
		Read & Write	3	5.00
		Primary School	8	13.33
		Middle School	10	16.67
		Intermediate	20	33.33
		UG/ PG	17	28.33
3	Annual income	Below 10,000	2	3.33
		10,001 -1 5,000	37	61.67
		15,001 & above	21	35.00
4	Operational land holding	Marginal (<1 Ha)	24	40.00

		Small (>1 - < 2 Ha)	11	18.33
		Semi Medium (>2 - < 4Ha)	16	26.67
		Medium (>4 - < 10Ha)	6	10.00
		Large (>1 0 Ha)	3	5.00
5	Social cohesiveness	Low	12	20.00
		Medium	39	65.00
		High	9	15.00
6	Mass media access	Low	7	12.50
		Medium	45	72.50
		High	8	15.00
S. No.	**Variables**	**Categories**	Frequency	Percentage
7	**Farming Experience (yrs.)**	**Low (<=5)**	9	15.00
		Medium (5-10)	23	38.33
		High (>=10)	28	46.67
8.	**Extension Contact (Score)**	**Low (<=5)**	3	5.00
		Medium (5-10)	26	43.33
		High (>=10)	31	51.67
9.	**Social Participation (Score)**	**Low (<=5)**	3	5.00
		Medium (5-10)	31	51.67
		High (>=10)	26	43.33
10.	**Innovativeness (Score)**	**Low (<=5)**	5	8.33
		Medium (5-10)	37	61.67
		High (>=10)	18	30.00
S. No.	**Variables**	**Categories**	Frequency	Percentage
7	**Farming Experience (yrs.)**	**Low (<=5)**	9	15.00
		Medium (5-10)	23	38.33
		High (>=10)	28	46.67

8.	**Extension Contact (Score)**	**Low (<=5)**	3	5.00
		Medium (5-10)	26	43.33
		High (>=10)	31	51.67
9.	**Social Participation (Score)**	**Low (<=5)**	3	5.00
		Medium (5-10)	31	51.67
		High (>=10)	26	43.33
10.	**Innovativeness (Score)**	**Low (<=5)**	5	8.33
		Medium (5-10)	37	61.67
		High (>=10)	18	30.00

Level of Knowledge gained

Technology option	No. of trials	Content of the literature	Format of the literature	Level of knowledge gained
TO_1 – Existing agricultural technical knowledge	20	Poor	Unsystematic	19%
TO_2 – Extension literature provided by KVK	20	Very good	Well designed	**46%**
TO_3–Extension Literature provided by other agencies	20	Good	Systematic	32%

Extent of adoption and Economics of wheat cultivation

Technology option	No. of trials	Extent of adoption of farmers practices	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
TO_1 – Existing agricultural technical knowledge	20	24%	30.54	17500	42756	25256	2.44
TO_2 – Extension literature provided by KVK	20	46%	37.5	18000	52500	34500	2.92
TO_3–Extension Literature provided by other agencies	20	29%	32.5	18000	45500	27500	2.53

Results: The gross return and net return is higher in case TO_2 – (Extension literature provided by KVK) in local language than the Extension literature provided by other agencies to the farmers. Therefore Extension literature in local language provided by KVK not only increase level of knowledge, but also increase level of adoption of new package of practices and income of the farmers

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Achievement of Front Line Demonstrations:

Crop	Thematic area	Name of the technology demonstrated	No. of Farmers	Area(ha)	Yield (q/ha)		% increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		GrossCost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
Paddy	INM	Seed (Sabour Ardhjal & Azotobactor + PSB)	10	4	43.55	36.57	19.09	24580	60970	36390	2.48	24500	51158	26698	2.09
Paddy	ICM	Seed (Sabour Shree)	10	4	42.35	35.75	18.66	25750	59290	33540	2.30	24600	50050	25450	2.03
Wheat	ICM	Seed (HD-2967)	10	4	39.13	33.51	16.78	22416	65251	42835	2.91	24294	57216	32922	2.35
Wheat	INM	Bio-fertilizers Azotobactor + PSB)	10	4	42.14	34.27	22.96	22656	70247	47591	3.12	24480	57162	32682	2.33
Jute	ICM	Seed (JRO-8432)	25	10	23	18	27.78	28500	69000	40500	2.42	28200	54000	25800	1.91
Sorghum	FP	Seed (CSV33 MF)	10	4	685.00	552.67	23.94	23000	68500	45500	2.98	24500	55267	30767	2.26
Paddy	INM	S. Ardhjal	10	4	38.08	32.05	18.81	23400	51408	28008	2.20	23000	43267.5	20268	1.88
Paddy	ICM	Sabour shree	10	4	40.25	33.45	20.33	25800	54337.5	28538	2.11	23500	45157.5	21658	1.92

Cauliflower	ICM	Seed(Sabour Agrim)	10	2	165.12	130.25	21.36	100125	413800	313675	3.14	99450	325625	225500	2.25
Brinjal	ICM	Seed (PH 6)	10	1	310.61	245.52	20.96	89635	465915	376280	4.20	88990	368280	278675	3.10
Bottle gaurd	ICM	Seed (Narendra Rasmi)	10	1	381.42	300.45	21.23	85215	381420	296205	3.47	84564	300450	215235	2.52

Cereals

Sl No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.	Paddy	ICM	Seed (Sabour Shree)	04	04	2		3	1	5		7	3	10	
2.	Paddy	INM	Seed (Sabour Ardhjal & Azotobactor + PSB)	04	04		2	2	1	5	-	7	3	10	
3.	Wheat	ICM	Seed	4	4	2			1	7		10		10	
4.	Wheat	INM	Seed - HD-2967 & Azotobactor + PSB)	4	4	1		2		7		10		10	
5.	Wheat	ICM	Seed	4	4	2			1	7		10		10	
6.	Wheat	INM	Seed (Azotobactor + PSB)	4	4	2			1	7		10		10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Wheat	Rabi	Irrigated	scl	196	21	311	Paddy	23.11.2019	09.04.2020		
Wheat	Rabi	Irrigated	scl	136	21	328	Paddy	19.11.2019	14.04.2020		
Paddy	Kharif	Irrigated	scl	146	19	297	Wheat	03.06.2020	04.11.2020		
Paddy	Kharif	Irrigated	scl	162	17	272	Moong	01.06.2020	02.11.2020		
Wheat	Rabi	Irrigated	scl	162	26	281	Paddy	20.11.2020	Crop standing		
Wheat	Rabi	Irrigated	scl	173	27	280	Paddy	22.11.2020			
Jute	Zaid	Irrigated	Scl	169	22	274	Boro Paddy	22.04.2020	28.08.2020		
Sorghum	Kharif	Irrigated	scl	178	26	290	Wheat	04.06.2020	03.11.2020		

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

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

Pulses

Frontline demonstration on pulse crops

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

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Jute	ICM	Seed (JRO-8432)	25	10	23	18	27.78			28500	69000	40500	2.42	28200	54000	25800	1.91
Sorghum	FP	Seed(CSV33 MF)	10	4	685.00	552.67	23.94			230000	68500	45500	2.98	24500	55267	30767	2.26
		Total	35	14													

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No .of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specify)																	
Total																	

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

Fisheries

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

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

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development	50	50 farmers 25 bags	1125 k.g.	-	-	-	-	37500	135000	97500	3.6				
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																

Others (pl.specify)	Consumption pattern of drumstick leaves in the diet of Adolescent girl, Pregnant women to protect against anemia	25		Preprration of Drumstick powder and use as a Saag and mixing in Pulses and wheat flour												
Total																

Women empowerment

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

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)			
Cereals				**Demo**	**Local check**	**% change**	**Gross Cost**	**Gross Return**	**Net Return**	**BCR**
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl.specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl.specify)										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl.specify)										
Total										
Vegetable crops										

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

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1.	Jute	Improved Seed variety increased fibre quality and production
2.	Mushroom	Income and employment generation .
3.	Paddy	Improved Seed variety increased production against traditional paddy varieties
4.	Lentil	Improved Seed variety and Nutrient Management increased production
5.	Green gram	Improved Seed variety, Practices of Preemergence weedicide and Nutrient Management increased production
6.	Black Gram	Improved Seed variety, Practices of Preemergence weedicide increased production
7	Sorghum	Increase Milk Production
8	Mustard	Improved Cultivation enhance Oil seed production

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	06.02.2020	01	32	
		18.02.2020	01	37	
		07.03.2020	01	42	
		09.03.2020	01	38	
		21.10.2020	01	62	
		30.10.2020	01	25	
		29.10.2020	01	27	

		31.10.2020	01	39	
		01.08.2020	01	56	
		06.08.2020	01	29	
		08.08.2020	01	64	
		30.10.2020	01	35	
2.	Farmers Training	19.11.2020	01	36	
		17.11.2020	01	32	
		04.01.2020	01	36	
		06.01.2020	01	30	
		03.02.2020	01	39	
		05.02.2020	01	45	
		15.06.2020	01	61	
		12.08.2020	01	39	
		08.07.2020	01	29	
		30.07.2020	01	31	
		23.07.2020	01	28	
		16.09.2020	01	68	
		18.11.2020	01	41	
		19.11.2020	01	35	
		09.12.2020	01	29	
		16.12.2020	01	40	
3.	Media coverage	-	-	Many	
4.	Training for extension functionaries	-	-	-	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2020 and Rabi 2021:

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)			
					Demo	Check		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
Lentil	Pulse Production	HUL-57 Seed, INM, IWM & Bio fertilizer	25	10	13.14	9.96	31.93	22800	51246	28446	2.25	21000	38844	17844	1.85
Green Gram	Pulse Production	IPM-02-14, Seed, Seed Treatment, INM, IWM	25	10	8.76	6.29	39.27	15800	52560	36760	3.33	14600	37740	23140	2.58

Black Gram	Pulse Production	IPU-02-43, Seed, Seed Treatment, INM, IWM	25	10	8.03	6.41	25.27	16200	44165	27965	2.73	15400	35255	19853	2.29
Lentil	Pulse Production	HUL-57 Seed, INM, IWM & Bio fertilizer	25	10	Crop Standing in Field										
Musatrd	Oilseed Production	Uttara Seed, INM, IWM & Bio fertilizer	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 (%)**		
				District yield (D)	**State yield (S)**	**Potential yield (P)**				**Max.**	**Min.**	**Av.**	**D**	**S**	**P**
1	Lentil	K-75	9.96	1080	1035	2000	HUL-57 Seed, INM, IWM & Bio fertilizer	25	10	14.86	11.42	13.14	21.67	26.95	-34.30
2.	Green Gram	Local Variety	6.29	634	628	1200-1500	IPM-02-14, Seed, Seed Treatment, INM, IWM	25	10	9.48	8.04	8.76	38.17	39.49	-35.11
3	Black gram	Local Variety	6.41	656	612	1000-1200	IPU-02-43, Seed, Seed Treatment, INM, IWM	25	10	8.86	7.20	8.03	22.40	31.21	-27.00
4.	Lentil	Crop Standing in field													
5.	Mustard	Crop Standing in field													

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1.	Lentil HUL-57 Seed, INM, IWM & Bio fertilizer	21000	38844	17844	1.85	22800	51246	28446	2.25
2.	Green Gram , IPM-02-14, Seed, Seed Treatment, INM, IWM	14600	37740	23140	2.58	15800	52560	36760	3.33
3.	Blackgram , IPU-02-43, Seed, Seed Treatment, INM, IWM	15400	35255	19853	2.29	16200	44165	27965	2.73
4.	Lentil, HUL-57 Seed, INM, IWM & Bio fertilizer	Crop Standing in field							
5.	Mustard, Uttara Seed, INM, IWM & Bio fertilizer	Crop Standing in field							

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1.	Lentil, HUL-57	525	455	39	45	25	Farming and Livelihood	16
2.	Green Gram, IPM-02-14	350	295	60	30	25	Farming and Livelihood	19
3	Black Gram, IPU-02-43	321	266	55	35	20	Farming and Livelihood	18
4	Lentil, HUL-57	Crop Standing in field						
5	Mustard, Uttara	Crop Standing in field						

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Afford ability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1.	Mustard,Uttara – Seed , INM ,IWM biofertiliser	Crop Standing in field					

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Seed treatment of pulse with Bio fertilizer and Rizboium	Good	Good	Positive
INM and IWM	Good	Good	Positive
Lentil HUL-57	Wilt toterant	No incidence of Wilt in demonstrated crop while local check effected by Wilt	Good variety
Green gram var.IPM 02-14	Bold seeded, tolerant to YMV	No incidence of YMV in demonstrated crop while local check infested with YMV	Good variety
Black gram var. IPU-02-43	Resistant to MYMV	No incidence of MYMV in demonstrated crop while local check infested with MYMV	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 FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
Lentil	Training on demonstration	21.11.2019, Manihari	34
	Diagnostic field visit	08.12.2019,Awadhpur	12
	Diagnostic field visit	12.01.2021, Awadhpur	12
	Training for Agronomical operations	15.12.2019, Awadhpur	19
	Diagnostic field visit	08.02.2020, Manihari	31
	Diagnostic field visit	12.03.2020, Awadhpur	11
	Field day	28.03.2020, Manihari	17
Green gram	Training on demonstrated technologies	05.04.2020, Lahsa	34
	Diagnostic field visit	06.06.2020, Baithaili	22
	Field day	05.07.2020, Fulhara	36

Black Gram	Training on demonstrated technologies	04.04.2020 Fulhara	24
	Diagnostic field visit	20.06.2020 Baithaili	17
	Field day	09.07.2020Fulhara	43

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

Attach on last page

G. Farmers' training photographs

Attach on last page

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

Attach on last page

J. Details of budget utilization

Crop (provide crop wise information)	**Items**	**Budget Received (Rs.)**	**Budget Utilization (Rs.)**	**Balance (Rs.)**
Pulse	i) Critical input	68040	64960	3080
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)	7560	360	7200
	iv)Publication of literature			
	Total	**75600**	**65320**	**10280**

Crop (provide crop wise information)	**Items**	**Budget Received (Rs.)**	**Budget Utilization (Rs.)**	**Balance (Rs.)**
Oilseed	i) Critical input	30240	35360	(-)5120
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)	3360	360	3000
	iv)Publication of literature			
	Total	**30576**	**35720**	**2120**

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													
Weed Management	01	17	0	17	4	0	4	5	0	5	26	0	26
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming	02	15	38	53	3	12	15	7	10	17	25	60	85
Water management													
Seed production													
Nursery management													
Integrated Crop Management	06	96	20	116	20	10	30	6	0	6	122	30	152
Fodder production	03	32	38	70	7	12	19	12	10	22	51	60	111
Production of organic inputs													
Others, (cultivation of crops)	02	32	0	32	9	0	9	6	0	6	47	0	47
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)	02	55	0	55	0	0	0	0	0	0	55	0	55
b) Fruits													
Layout and Management of Orchards	01	25	0	25	0	0	0	0	0	0	25	0	25
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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Propagation techniques of Ornamental Plants	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	03	56	0	56	0	0	0	0	0	0	56	0	56
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	01	18	0	18	5	0	5	5	0	5	28	0	28
Integrated Nutrient Management	05	127	7	134	11	2	13	13	3	16	151	12	163
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	03	28	11	39	12	8	20	9	5	14	49	24	73
Others, if any	05	62	16	78	25	3	28	18	3	21	105	22	127
IV. Livestock Production and 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	2	00	45	45	00	03	03	00	02	02	00	50	50
Design and development of low/minimum cost diet	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
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	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	00	00	00	00	00	00	00	00	00	00	00	00	00
Value addition	00	00	00	00	00	00	00	00	00	00	00	00	00
Income generation activities for empowerment of rural Women	00	00	00	00	00	00	00	00	00	00	00	00	00
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	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	07	00	110	110	00	40	40	00	70	70	00	210	210
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
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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Fish 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 Group Dynamics													
Leadership development	02	34	2	36	4	0	4	3	2	5	41	4	45
Group dynamics													
Formation and Management of SHGs	05	71	8	79	16	0	16	8	2	10	95	10	105
Mobilization of social capital													
Entrepreneurial development of farmers/youths	02	33	0	33	7	0	7	9	0	9	49	0	49
WTO and IPR issues													
Others, if any	03	63	0	63	13	6	19	9	2	11	85	8	93
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	**54**	**764**	**295**	**1059**	**136**	**96**	**232**	**110**	**109**	**219**	**1010**	**500**	**1510**

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	00	00	00	00	00	00	00	00	00	00	00	00	00
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	16	0	16	5	0	5	4	0	4	25	0	25
Production of organic inputs	01	22	0	22	4	0	4	2	2	4	28	2	30
Integrated Crop Management	02	34	0	34	4	3	7	9	0	9	47	3	50
Planting material production	00	00	00	00	00	00	00	00	00	00	00	00	00
Vermi-culture	01	1	1	2	1	2	3	14	16	30	16	19	35
Sericulture	00	00	00	00	00	00	00	00	00	00	00	00	00
Protected cultivation of vegetable crops	02	68	00	68	00	0	00	00	00	00	68	00	68
Commercial fruit production	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
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	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
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	87	2	89	12	3	15	22	0	22	121	5	126
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	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
Rural Crafts	00	00	00	00	00	00	00	00	00	00	00	00	00
Other (if any)	09	199	1	200	10	0	10	20	3	23	223	4	227
TOTAL	20	427	4	431	36	8	44	71	21	92	528	33	561

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	00	00	00	00	00	00	00	00	00	00	00	00	00
Value addition	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Pest Management	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Nutrient management	01	16	00	16	00	00	00	00	00	00	16	00	16
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	17	00	17	00	00	00	00	00	00	17	00	17
Group Dynamics and farmers organization	00	00	00	00	00	00	00	00	00	00	00	00	00
Information networking among farmers													
Capacity building for ICT application	01	17	00	17	04	00	04	00	00	00	21	00	21
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	00	00	00	00	00	00	00	00	00	00	00	00	00
Women and Child care	00	00	00	00	00	00	00	00	00	00	00	00	00
Low cost and nutrient efficient diet designing													
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)	08	143	4	147	14	0	14	5	0	5	162	4	166
TOTAL	**11**	**193**	**4**	**197**	**18**	**0**	**18**	**5**	**0**	**5**	**216**	**4**	**220**

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	02	14	26	40	4	13	17	8	1	9	26	40	66
Resource Conservation Technologies	04	102	0	102	15	0	15	0	0	0	117	0	117
Cropping Systems	00	00	00	00	00	00	00	00	00	00	00	00	00
Crop Diversification	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Farming	01	26	0	26	4	0	4	3	0	3	33	0	33
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	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Crop Management	06	120	12	132	20	7	27	10	3	13	150	22	172
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													

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
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													
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	02	70	00	70	00	00	00	00	00	00	70	00	70
b) Fruits													
Layout and Management of Orchards													
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													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
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	01	30	00	30	00	00	00	00	00	00	30	00	30
d) Plantation crops													
Production and Management technology	04	81	31	112	10	0	10	0	0	0	91	31	122
Processing and value addition													
Others, if any													
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

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
III. Soil Health and Fertility Management													
Soil fertility management	01	15	2	17	4	1	5	2	1	3	21	4	25
Soil and Water Conservation	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated Nutrient Management	06	117	14	131	14	6	20	5	5	10	136	25	161
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	02	38	4	42	6	2	8	3	2	5	47	8	55
Soil and Water Testing	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	03	47	1	48	2	0	2	67	33	100	116	34	150
IV. Livestock Production and 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	00	00	00	00	00	00	00	00	00	00	00	00	00
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	04	00	110	110	00	00	00	00	00	00	00	110	110
Minimization of nutrient loss in processing	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
Storage loss minimization techniques	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
Value addition	00	00	00	00	00	00	00	00	00	00	00	00	00
Income generation activities for empowerment of rural Women	00	00	00	00	00	00	00	00	00	00	00	00	00
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	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	05	00	80	80	00	00	00	00	00	00	00	80	80
VI.Agril. Engineering													
Installation and maintenance	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
of micro irrigation systems													
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
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

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
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 Group Dynamics													
Leadership development	00	00	00	00	00	00	00	00	00	00	00	00	00
Group dynamics	00	00	00	00	00	00	00	00	00	00	00	00	00
Formation and Management of SHGs	02	27	23	50	0	0	0	0	0	0	27	23	50
Mobilization of social capital	00	00	00	00	00	00	00	00	00	00	00	00	00
Entrepreneurial development of farmers/youths	04	90	30	120	5	4	9	11	0	11	106	34	140
WTO and IPR issues	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	01	12	0	12	3	0	3	10	0	10	25	0	25
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	48	789	333	1122	87	33	120	119	45	164	995	411	1406

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	00	00	00	00	00	00	00	00	00	00	00	00	00
Bee-keeping	00	00	00	00	00	00	00	00	00	00	00	00	00
Integrated farming	05	122	0	122	24	1	25	23	2	25	169	3	172
Seed 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
Integrated Farming	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	02	04	00	04	02	00	02	51	13	64	57	13	70
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	01	19	1	20	0	0	0	5	0	5	24	1	25
Training and pruning of orchards													
Value addition													
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

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
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
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	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
Rural Crafts	00	00	00	00	00	00	00	00	00	00	00	00	00
Others, if any	08	152	4	156	7	1	8	42	11	53	201	16	217
TOTAL	**16**	**297**	**5**	**302**	**60**	**9**	**69**	**90**	**68**	**295**	**266**	**234**	**394**

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													
Integrated Pest Management													
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	23	02	25	00	00	00	00	00	00	23	02	25
Group Dynamics and farmers organization													
Information networking among farmers	00	00	00	00	00	00	00	00	00	00	00	00	00
Capacity building for ICT application	00	00	00	00	00	00	00	00	00	00	00	00	00
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	00	00	00	00	00	00	00	00	00	00	00	00	00
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)	02	32	0	32	6	0	6	9	0	9	47	0	47
TOTAL	3	55	2	57	6	0	6	9	0	9	70	2	72

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	3	31	26	57	8	13	21	13	1	14	52	40	92
Resource Conservation Technologies	4	102	0	102	15	0	15	0	0	0	117	0	117
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	3	41	38	79	7	12	19	10	10	20	58	60	118
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	12	216	32	248	40	17	57	16	3	19	272	52	324
Fodder production	3	32	38	70	7	12	19	12	10	22	51	60	111
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, (cultivation of crops)	2	32	0	32	9	0	9	6	0	6	47	0	47
II. Horticulture	0	0	0	0	0	0	0	0	0	0	0	0	0
a) Vegetable Crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	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	4	125	0	125	0	0	0	0	0	0	125	0	125
b) Fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	1	25	0	25	0	0	0	0	0	0	25	0	25
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any(INM)	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of	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	1	30	0	30	0	0	0	0	0	0	30	0	30
d) Plantation crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	7	137	31	168	10	0	10	0	0	0	147	31	178
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil fertility management	1	15	2	17	4	1	5	2	1	3	21	4	25
Soil and Water Conservation	1	18	0	18	5	0	5	5	0	5	28	0	28
Integrated Nutrient Management	11	244	21	265	25	8	33	18	8	26	287	37	324
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	2	38	4	42	6	2	8	3	2	5	47	8	55
Soil and Water Testing	3	28	11	39	12	8	20	9	5	14	49	24	73
Others, if any	8	109	17	126	27	3	30	85	36	121	221	56	277
IV. Livestock Production and Management	0	0	0	0	0	0	0	0	0	0	0	0	0
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	2	0	45	45	0	3	3	0	2	2	0	50	50
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	4	0	110	110	0	0	0	0	0	0	0	110	110
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	12	0	190	190	0	40	40	0	70	70	0	290	290
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													
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking	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
pond													
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	2	34	2	36	4	0	4	3	2	5	41	4	45
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	7	98	31	129	16	0	16	8	2	10	122	33	155
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	6	123	30	153	12	4	16	20	0	20	155	34	189
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	4	75	0	75	16	6	22	19	2	21	110	8	118
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	**102**	**1553**	**628**	**2181**	**223**	**129**	**352**	**229**	**154**	**383**	**2005**	**911**	**2916**

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	5	122	0	122	24	1	25	23	2	25	169	3	172
Seed production	1	16	0	16	5	0	5	4	0	4	25	0	25
Production of organic inputs	1	22	0	22	4	0	4	2	2	4	28	2	30
Integrated Farming	2	34	0	34	4	3	7	9	0	9	47	3	50
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	1	1	1	2	1	2	3	14	16	30	16	19	35
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	2	68	0	68	0	0	0	0	0	0	68	0	68
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	1	19	1	20	0	0	0	5	0	5	24	1	25
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	4	87	2	89	12	3	15	22	0	22	121	5	126
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	12	257	1	258	16	0	16	25	3	28	292	4	296
TOTAL	29	626	5	631	66	9	75	104	23	127	790	37	827

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	1	16	0	16	0	0	0	0	0	0	16	0	16
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	23	2	25	0	0	0	0	0	0	23	2	25
Group Dynamics and farmers organization	1	17	0	17	0	0	0	0	0	0	17	0	17
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	1	17	0	17	4	0	4	0	0	0	21	0	21
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
Other (If Any)	10	175	4	179	20	0	20	14	0	14	209	4	213
TOTAL	14	248	6	254	24	0	24	14	0	14	286	6	292

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
Soil Science	PF	Method of increasing Nutreint use efficiency	1	Off	26	4	30	6	2	8
Soil Science	PF	Technique for INM in Makhana production	1	On	50	0	50	0	0	0
Soil Science	PF	Production technology of organic manure	1	ON	29	1	30	0	0	0
Horticulture	PF	IPM in winterVegetable	1	ON	15	0	15	0	0	0
Horticulture	PF	Scientific cultivation of Medicinal & Agromatic Plants	1	ON	20	0	20	0	0	0
Horticulture	PF	Plants propagation technique of fruit	1	On	14	0	14	0	0	0
Ext. Edu.	PF	Income generation activities in a group	1	Off	0	23	23	0	0	0

Agronomy	PF	IFS	1	Off	33	0	33	7	0	7
Agronomy	PF	Scientific cultivation of lentil	1	Off	25	0	25	3	0	3
Agronomy	PF	Scientific cultivation of fodder	1	ON	30	0	30	4	0	4
Soil Science	PF	Fertilizer Management in Boro Paddy	1	Off	21	4	25	6	2	8
Soil Science	PF	Method of increasing Nutreint use efficiency	1	Off	21	4	25	3	2	5
Ext. Edu.	Pf	Income generation activities in a group	1	OFF	2	23	25	2	0	2
Ext. Edu.	RY	Income generation activities in a group	1	ON	25	3	28	9	3	12
Ext. Edu.	RY	Enterpreneurship Development through poultry	1	ON	40	0	40	24	0	24
Agronomy	PF	Integrated Farming System	1	ON	25	0	25	10	0	10
Agronomy	PF	Weed Management in Boro Paddy	1	Off	26	0	26	12	0	12
Agronomy	RY	Integrated Farming System	1	Off	31	1	32	7	1	8
Ext. Edu.	RY	ICT parctices for information networking among farmers	1	ON	24	1	25	0	0	0
Ext. Edu.	EE	Income generation activities in a group	1	Off	27	0	27	0	0	0
Soil Science	PF	Nutrient Management in Jute	1	Off	20	5	25	3	2	5
Soil Science	RY	Soil Health Camp cum Training in Soil Health management in Jute	1	Off	22	3	25	10	1	11
Soil Science	PF	Preventive measure of wheat harvesting during infestation of COVID-19 (Lockdown Period) and management of crop residue	1	ON	4	15	19	2	2	4
Soil Science	RY	Nutrient Management in Makhana	1	ON	1	26	27	1	26	27
Ext. Edu.	PF	Leadership development for technology dissemination	1	ON	16	4	20	0	2	2
Ext. Edu.	PF	Income generation activities in a group	1	On	17	4	21	0	0	0
Agronomy	pf	Development of integrated Farming system	1	On	0	60	60	0	22	22
Agronomy	RY	Agronomic management practices of boro Paddy	1	On	22	3	25	5	3	8
Agronmy	EF	Agronomic management practices of Jute	1	Off	25	0	25	10	0	10
Ext. Edu.	RY	ICT practices for	1	On	19	0	19	15	0	15

		information and networking among farmers								
Soil Science	PF	Method of Soil and water testing	1	On	8	10	18	4	5	9
Soil Science	PF	Soil Health Management before Kharif Paddy	1	ON	26	1	27	8	0	8
Agronomy	pf	Diversification of rice wheat cropping system	1	ON	25	0	25	8	0	8
Agronomy	RY	Seed Production technique of Paddy	1	On	25	0	25	9	0	9
Agronomy	EF	Management Practices of Locust	1	Off	22	0	22	5	0	5
Soil Science	Pf	Methods of Soil and water conservation and its uses	1	On	19	8	27	7	4	11
Soil Science	Pf	Nutrient management in Paddy	1	On	22	4	26	6	2	8
Soil Science	RY	Production technique of Bio fertilizers and its marketing	2	On	28	2	30	6	2	8
Ext. Edu.	Pf	Paddy Cultivation through DSR	1	On	20	0	20	7	0	7
Ext. Edu.	PF	ICT practices for information and networking among farmers	1	OFF	25	0	25	13	0	13
Ext. Edu.	RY	ICT practices for information and networking among farmers	3	ON	30	0	30	6	0	6
Ext. Edu.	RY	Enterpreneurship Development through Bee Keeping	1	On	25	0	25	4	0	4
Horticulture	Pf	Care and management of Mango and Litchi orchards	1	ON	25	0	25	0	0	0
Horticulture	PF	Uses of vermi compost in vegetable	1	On	22	0	22	0	0	0
Horticulture	RY	Preparatin of graffing and air layering in mango and litchi	1	Off	21	0	21	2	0	2
Ext. Edu.	PF	Leadership development for technology dissemination	1	On	25	0	25	7	0	7
Ext. Edu.	PF	Formation & Management of SHGs and Kisan Club	1	ON	23	2	25	11	2	13
Ext. Edu.	RY	Entrepreneuship development through Goatry	3	Off	35	0	35	6	0	6
Soil Science	Pf	Green Mannuring and use of Bio- Fertilizer	1	On	25	0	25	11	0	11
Soil Science	Pf	Collection and analysis technique of Soil Sample	1	On	28	0	28	10	0	10

Soil Science	RY	Vermi compost production technique and its soil sample	3	Off	31	4	35	27	4	31
Agronomy	Pf	Scientific Cultivation of green gram	1	Off	29	5	34	10	3	13
Agronomy	PF	Agronomic management practices of Paddy	1	On	25	0	25	5	0	5
Agronomy	RY	Scientifc cultivation of Pulse crop	1	On	25	0	25	8	0	8
Horticulture	Pf	Scientic Cultivatin of Ol	1	On	28	0	28	0	0	0
Horticulture	Pf	Scientifc cultivation of Brinjal	1	On	27	0	27	0	0	0
Horticulture	RY	New Technique of Vegetable Production	3	Off	35	0	35	0	0	0
Horticulture	PF	Protective cultivation lof vegetable in green houses poly houses	1	On	35	0	35	0	0	0
Horticulture	Pf	Cxultivation of Simla mirch & Tomato in green houses	1	ON	33	0	33	0	0	0
Horticulture	RY	New Technique of Vegetable Production	3	Off	35	0	35	0	0	0
Ext. Edu.	Pf	Formation & Management of SHGs and Kisan Club	1	On	17	0	17	0	0	0
Ext. Edu.	Pf	ICT practices for information and networking among farmers	1	On	21	4	25	10	4	14
Ext. Edu.	RY	Entrepreneuship development through Honey bee	1	OFF	34	1	35	5	0	5
Ext. Edu.	RY	Entrepreneurship development through goatry	1	Off	35	0	35	5	0	5
Agronomy	Pf	Scientific cultivation of fodder crop	1	On	25	0	25	6	0	6
Agronomy	PF	Agronomic management practice of Paddy	1	On	26	0	26	9	0	9
Agronomy	RY	Integrated Farming System	3	OFF	35	0	35	10	0	10
Agronomy	RY	Integrated Farming System	3	Off	33	2	35	17	2	19
Soil Science	PF	Green Mannuring and use of Bio- Fertilizer	1	On	25	0	25	11	0	11
Soil Science	RY	Vermi compost production technique and its marketing	3	Off	26	9	35	26	9	35
Soil Science	RY	Skill development in soil and water tesing	3	Off	26	9	35	26	9	35
Soil Science	EF	Collection and analysis technique of Soil Sample	1	On	28	0	28	10	0	10
Horticulture	Pf	Cultivation of Brinjal	1	On	31	0	31	0	0	0
Horticulture	Pf	IDM in Vegtable Crop	1	ON	28	0	28	0	0	0

Horticulture	RY	Scienfic Cultivation of Vegetable in Poly house	3	OFF	6	29	35	4	0	4
Horticulture	RY	Protective cultivation lof vegetable in green houses poly houses	3	Off	33	2	35	4	0	4
Soil Science	PF	INM in Crop and cropping system	1	ON	24	6	30	10	3	13
Soil Science	PF	Methods of Soil sample and analysis	1	ON	22	6	28	10	4	14
Soil Science	RY	Technique of Soil and water testing	3	Off	26	4	30	2	2	4
Soil Science	RY	Vermi Composting production technique and its marketing	3	ON	16	19	35	15	18	33
Agronomy	PF	Cultivation of rabi crop by Zero tillage machine	1	Off	41	0	41	4	0	4
Agronomy	PF	Water management in Paddy	1	ON	26	0	26	6	0	6
Agronomy	PF	Bio diversity and its importance	1	ON	22	0	22	7	0	7
Agronomy	RY	IFS	3	OFF	35	0	35	6	0	6
Agronomy	RY	IFS	3	Off	35	0	35	7	0	7
Ext. Edu.	Pf	Enterpreneurship development through Honey Pouyltry	1	On	24	0	24	7	0	7
Ext. Edu.	PF	Productivity enhancement of field crops	1	On	18	0	18	7	0	7
Ext. Edu.	RY	Enterpreneurship development through Honey Pouyltry	3	Off	2	33	35	0	4	4
Horticulture	Pf	Precaution is the beteer then cure	1	Off	30	0	30	0	0	0
Horticulture	Pf	Propagation technique in fruit crops	1	Off	31	0	31	0	0	0
Horticulture	RY	New Propagation thenique in fruit plants	1	Off	31	0	31	0	0	0
Agronomy	Pf	Weed Management in Kitchen Garden	1	Off	0	40	40	0	14	14
Agronomy	PF	Scientic cultivation of fodder crop	1	On	27	0	27	7	0	7
Agronomy	Pf	Agronomic management of maize	1	On	26	0	26	5	0	5
Agronomy	Pf	Mustard sowing by Zero Tillage	1	Off	21	0	21	2	0	2
Agronomy	EF	Jaiv Vividhata Act 2002	1	ON	26	0	26	2	0	2
Agronomy	EF	Jaiv Vividhata Act 2002	1	ON	10	1	11	1	0	1
Agronomy	EF	Jaiv Vividhata Act 2002	1	ON	24	1	25	2	0	2
Agronomy	EF	Jaiv Vividhata Act 2002	1	ON	20	0	20	2	0	2
Agronomy	EF	Jaiv Vividhata Act 2002	1	ON	21	0	21	1	0	1
Agronomy	EF	Jaiv Vividhata Act 2002	1	ON	13	2	15	1	0	1
Ext. Edu.	Pf	SHGs formation for income generation	1	ON	18	4	22	6	0	6

Ext. Edu.	Pf	Enterpreneurship development through poultry	1	On	25	0	25	9	0	9
Ext. Edu.	Pf	Production of Banana	1	ON	46	4	50	5	4	9
Ext. Edu.	RY	Entrepreneushiip development through mushroom	1	ON	9	0	9	0	0	0
Ext. Edu.	RY	Entrepreneushiip development through mushroom	1	ON	47	5	52	6	3	9
Ext. Edu.	EF	SHGs formation for income generation	1	On	17	0	17	0	0	0
Ext. Edu.	EF	ICT uses for technlgy dissemination	1	On	21	0	21	4	0	4
Soil Science	PF	Bio fertilizer Production	1	On	25	3	28	11	2	13
Soil Science	Pf	Importance of vermi composting	1	On	26	4	30	8	2	10
Soil Science	Ef	Production and uses of vermicompost	1	On	20	0	20	0	0	0
Soil Science	EF	INM in different crops	1	On	16	0	16	0	0	0
Soil Science	Pf	Makhana production Technologies	1	Off	30	0	30	0	0	0
Soil Science	PF	INM in Wheat	1	Off	16	0	16	0	0	0
Soil Science	RY	INM in maize	1	ON	30	0	30	0	0	0
Ext. Edu.	RY	Entrepreneushiip development through mushroom	3	Off	33	0	33	9	0	9
Agronomy	PF	Wheat sowing by zero tillage and raised bed technique	1	Off	30	0	30	4	0	4
Agronomy	PF	Wheat sowing by zero tillage	1	Off	46	0	46	6	0	6
Agronomy	PF	Scientic Cultivation of mustard	1	ON	1	25	26	0	8	8
Agronomy	PF	Scientic Cultivation of Lentil	1	ON	25	0	25	4	0	4
Agronomy	PF	Scientific Cultivation of Mustard	1	on	19	5	24	6	2	8
Agronomy	PF	Maize sowing by Zero tillage	1	Off	20	0	20	3	0	3
Ext. Edu.	PF	Management of Makhana Nusery	1	Off	24	1	25	5	0	5
Ext. Edu.	PF	SHGs formation for income generation	1	Off	21	0	21	2	0	2
Ext. Edu.	PF	Marketing Management	1	Off	22	0	22	0	0	0
Ext. Edu.	PF	Marketing Management	1	Off	20	0	20	0	0	0
Soil Science	PF	Cultivaqtion of Makhana	1	Off	22	3	25	4	2	6
Soil Science	PF	Cultivation of Makhana	1	Off	27	13	40	6	5	11
Soil Science	PF	Development of Makhana Nursery	1	Off	49	1	50	2	0	2
Soil Science	PF	Uses of Nutrient expert in Maize and wheat	1	Off	21	4	25	6	2	8

Soil Science	PF	Cultivation of Mushroom for TSP Farmer	1	Off	35	15	50	35	15	50
Soil Science	PF	Cultivation of mushrom for TSP Farmers	1	Off	32	18	50	32	18	50
Agronomy	PF	Scientific Cultivatioon of Maize	1	Off	21	2	23	4	1	5
Agronomy	PF	Agronomic management of Lentil	1	Off	24	0	24	5	0	5
Agronomy	PF	Scientific Cultivation of Mustard	1	Off	10	15	25	4	6	10

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Agronomy	IFS	Integrated Farming System	1	31	1	32	--	--	--	--
Agronomy	ICM	Agronomic management practices of boro Paddy	1	22	3	25	--	--	--	--
Agronomy	Seed Production	Seed Production technique of Paddy	1	25	0	25	--	--	--	--
Agronomy	ICM	Scientifc cultivation of Pulse crop	1	25	0	25	--	--	--	--
Agronomy	Integrated Farming System	Integrated Farming System	3	35	0	35	--	--	--	---
Agronomy	Integrated Farming System	Integrated Farming System	3	33	2	35	--	--	---	--
Agronomy	IFS	IFS	3	35	0	35	--	--	---	--
Agronomy	IFS	IFS	3	35	0	35	--	--	--	--
Ext. Edu.	Formation and Management of group	Income generation activities in a group	1	25	3	28	--	--	--	--
Ext. Edu.	Enterpreneurship Development	Enterpreneurship Development through poultry	1	40	0	40	--	--	--	--

Ext. Edu.	Information networking among farmers	ICT parctices for information networking among farmers	1	24	1	25	--	--	--	--
Ext. Edu.	Information networking among farmers	ICT practices for information and networking among farmers	1	19	0	19	--	--	--	--
Ext. Edu.	Information networking among farmers	ICT practices for information and networking among farmers	3	30	0	30	--	--	--	--
Ext. Edu.	Enterpreneurs hip Development	Enterpreneurs hip Development through Bee Keeping	1	25	0	25	--	--	--	--
Ext. Edu.	Enterpreneurs hip Development	Entrepreneus hip development through Goatry	3	35	0	35	-	-	--	--
Ext. Edu.	Enterpreneurs hip Development	Entrepreneus hip development through Honey bee	1	34	1	35	--	--	--	--
Ext. Edu.	Enterpreneurs hip Development	Entrepreneurs hip development through goatry	1	35	0	35	--	--	--	--
Ext. Edu.	Entrepreneur ship development among Youth	Enterpreneurs hip development through Honey Pouyltry	3	2	33	35	--	--	--	--
Ext. Edu.	Enterpreneurs hip Development	Entrepreneus hip development through mushroom	1	9	0	9	--	--	--	--

Ext. Edu.	Entrepreneurship development among Youth	Entrepreneuship development through mushroom	1	47	5	52	--	--	--	--
Ext. Edu.	Enterpreneurship Developmen t	Entrepreneuship development through mushroom	3	33	0	33	--	--	--	--
Horticulture	Productioon technique	Preparatin of graffing and air layering in mango and litchi	1	21	0	21	--	--	--	--
Horticulture	Vegetable Production	New Technique of Vegetable Production	3	35	0	35	--	--	--	--
Horticulture	Vegetable Production	New Technique of Vegetable Production	3	35	0	35	--	--	--	--
Horticulture	Production technology	Scienfic Cultivation of Vegetable in Poly house	3	6	29	35	--	--	--	--
Horticulture	Production technology	Protective cultivation lof vegetable in green houses poly houses	3	33	2	35	--	--	--	--
Horticulture	Propagation Methods	New Propagation thenique in fruit plants	1	31	0	31	--	--	--	--
Soil Science	Soil Sample Camp	Soil Health Camp cum Training in Soil Health management in Jute	1	22	3	25	--	--	--	--
Soil Science	INM	Nutrient Management in Makhana	1	1	26	27	--	--	--	--
Soil Science	Producton of organic inputs	Production technique of Bio fertilizers and its marketing	3	28	2	30	--	--	--	--
Soil Science	Vermi Composting	Vermi compost	3	31	4	35	--	--	--	--

		production technique and its soil sample								
Soil Science	Vermi Composting	Vermi compost production technique and its marketing	3	26	9	35	--	--	--	--
Soil Science	Soil and water Conservation	Skill development in soil and water tesing	3	26	9	35	--	--	--	--
Soil Science	Soil and water testing	Technique of Soil and water testing	3	26	4	30	--	--	--	--
Soil Science	Vermi Composting	Vermi Composting production technique and its marketing	3	16	19	35	--	--	--	--
Soil Science	INM	INM in maize	1	30	0	30	--	--	--	--
Agronmy	ICM	Agronomic management practices of Jute	1	25	0	25	--	--	--	--

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl. No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants									Sponsoring Agency
							Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Vermi Compost Producer	Vermi Compost	Feb2020	40	PF	01	26	0	2	2	0	0	28	0	02	30	BSDM Skill Training
2	Farmer Friends Training programme on INM	INM	Jun 2020	1	PF	01	48	0	0	0	0	0	48	0	0	48	IFFCO
3	Farmer Friends Training programme on INM	INM	Jun 2020	1	PF	01	50	0	0	0	0	0	50	0	0	50	IFFCO
4	Soil Health management through Azolla cultivation	INM	June 2020	1	PF	01	2	0	0	14	5	4	16	5	4	25	Jeevika

5	Paddy cultivation through DSR	Seed Production	June 2020	1	PF	01	15	3	5	0	0	0	23	00	0	23	BISA
6 .	Organic Farming	INM	Dec 2020	1	PF	01	22	5	2	4	3	2	26	8	4	48	EFICOR ,Dehli
7.	Farmer Scientist Meet Programme	Farmer Scientist Meet Programme	Dec 2020	1	PF	01	14	2	1	5	5	4	19	07	05	31	ATMA, Katihar

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	12	359	127	486	5.2	7	2	9	366	129	495
Kisan Mela	1	593	189	782	9.4	20		20	613	189	802
Kisan Chaupal	6	180	87	267	8.3	6	0	6	186	87	273
Exhibition	2	95	35	130	5.2	8	0	8	103	35	138
Film Show	8	520	178	698	9.4	7	0	7	527	178	705
Method Demonstrations	0	0	0	0	0	0	0	0	0	0	0
Farmers Seminar	0	0	0	0	0	0	0	0	0	0	0
Workshop	1	55	5	60	5.7	4	1	5	59	6	65
Group meetings	12	246	122	368	8.5	3	1	4	249	123	372
Lectures delivered as resource persons	45	723	345	1068	7.46	22	0	22	745	345	1090
Advisory Services	1	5117	289	5406	3.47	2	0	2	5119	289	5408
Scientific visit to farmers field		0	0		0	0	0	0	0	0	0
Farmers visit to KVK	3796	2905	891	3796	8.23	0	0	0	2905	891	3796
Diagnostic visits	138	2707	369	3076	5.87	16	0	16	2723	369	3092
Exposure visits	1	46	4	50	3.5	1	0	1	47	4	51
Ex-trainees Sammelan	1	24	8	32	2.6	5	0	5	29	8	37
Soil health Camp	4	133	110	243	4.3	6	0	6	139	110	249
Animal Health Camp	1	39	2	41	5.1	2	0	2	41	2	43
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	2	56	12	68	3.56	0	1	1	56	13	69
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	3	53	112	165	5.78	6	2	8	59	114	173
Mahila Mandals Conveners meetings	0	0	0	0	0	0		0	0	0	0
Special Programmes (specify)		0	0		0	0		0	0	0	0
Sankalp Se Siddhi	0	0	0	0	0	0		0	0	0	0
Swatchta Hi Sewa	1	258	478	736	6.48	4	2	6	262	480	742
Any Other (Specify)		0	0		0	0		0	0	0	0
Total	4035	14109	3363	17472	108.05	119	9	128	14228	3372	17600

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	164
Radio talks	12
TV talks	00
Popular articles	00
Extension Literature	04
Other, if any	00

C. 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 (26th Jan.)	01	20	6	26	5.74	05	03	08	25	09	34
International Women's Day (8th Mar.)	01	5	112	117	15.34	02	02	04	07	114	121
Ambedkar Jayanti (14th Apr.)	01	12	6	18	3.48	01	01	02	13	07	20
International Yoga Day (21st Jun.)	01	14	8	22	00	0	0	0	14	8	22
Independence Day (15th Aug.)	01	32	12	44	2.36	08	03	11	40	15	55
Parthenium Awareness Week (16th to 22nd Aug.)	01	34	12								
Hindi Diwas (14th Sep.)	01	00	0	0	0						
Gandhi Jayanti (2nd Oct.)	01	12	03	15		04	00	04	16	03	19
Mahila Kisan Diwas (15th Oct.)	01	05	40	45	6.89	02	00	02	07	40	47
World Food Day (16th Oct.)	01	0	0	0	0	0	0	0	0	0	0
Vigilance Awareness Week (27th Oct. to 2nd Nov.)	01	08	04	12		0	0	0	08	04	12
National Unity Day (31st Oct.)	01	0	0	0	0	0	0	0	0	0	0
World Science Day (10th Nov.)	00	0	0	0	0	0	0	0	0	0	0
National Education Day (11th Nov.)	01	26	12								
National Constitution Day (26th Nov.)	01	08	04								
World Soil Day (5th Dec.)	01	35	19								
Kisan Diwas (23rd Dec.)	01	20	35								
		231	273								

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	20.06.2020	Garib Kalyan Rojgar Yojana	Interaction of Hon'ble PM	05	12	00	17
2	09.08.2020	PM- Kisan Samman Nidhi Programme	Interaction of Hon'ble PM	10	12	00	22
3	29.08.2020	Inauguration of Academic & Administrative building of Rani Laxmi Bai Central Agricultural University	Interaction of Hon'ble PM	15	12	00	27
4	18.09.2020	Inauguration of International Hostel at BAU, Sabour	Interaction of Hon'ble AM	12	06	00	18
5	03.10.2020	Interaction with KVKs by Honble Agriculture Minister, GoI	Interaction of Hon'ble AM	14	00	00	14
6	16.10.2020	Food and Agricultural Organization (FAO) at 75th anniversary and world food Day	Interaction of Hon'ble PM	12	8	00	20

Kisan Chaupal

Sl. No.	Date	Name of Village	Name of Block	Scientist	Total
1	11.01.2020	Gurubajar	Barari	Dr. Ramakant Singh, Dr. Reeta Singh	37
2	18.01.2020	Lahsa	Mansahi	Dr.K.P.Singh	55
3	25.01.2020	Pokhariya	Katihar	Sri Pankaj Kumar, Dr. Reeta Singh	50
4	01.02.2020	Nima	Manihari	Sri Pankaj Kumar	29
5	29.02.2020	Musapur	Korha	Dr. Sushil Kumar Singh, Dr. Reeta Singh	46
6	07.03.2020	Dwashaya	Dandkhora	Dr. Sushil Kumar Singh, Dr. Reeta Singh	50
					TOTAL -267

Outcome of Kisan Choupal of KVK, Katihar: The Kisan Chaupal Programme was grand success with the participation of 267 farmers and 08 Extension Functionaries across the 06 villages of Katihar district. Technical bulletins & Krishak Samachar were distributed during the programme. The collected soil samples were analyzed at KVK laboratory and the soil health cards were provided to the concerned farmers.

3.5 a. Production and supply of Technological products

Village seed

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
Tisi	Sabour Tisi-1	Crop standing	--	10	-	-	10	10
--	--	--	--	--	--	-	-	-
Total	-	-	-	10	-	-	10	10

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Wheat	HD-2967	69	289800.00	Sent to DSF, BAU, Sabour			
Wheat	DBW-14	12	50400.00				
Tisi	Sabour Tisi-1	2.4	14400.00				
Paddy	Sabour Shree	71	248500.00				
Grand Total		**154.4**	**603100.00**				

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	Snow ball -16	500	250	00	00	37	37
Cabbage	Pusa mukta	2220	1110	00	00	57	57
Brinjal	PH-6	2500	1250	00	00	50	50
Chilli	Jwala	1250	1250	00	00	50	50
Bottle Gowrd	Hybrid	600	3000	00	00	50	50
Broccoli	Hybrid	1850	925	00	00	50	50
Fruits							
Mango	Maldah, Jardalu	100	7000	00	00	50	50
Litchi	Shahi	117	4680	00	00	50	50
Lime	00	00	00	00	00	00	00
Papaya	00	00	00	00	00	00	00
Guava	00	00	00	00	00	00	00
Banana	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	--	9137	19465	0	0	394	394

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)	4800	28800	00	00	113	113
Total	4800	28800	00	00	113	113

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-*"Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India"*

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 2020						
Summer/Spring 2020						

iii) Financial Progress

Fund received (2016-17, 2017-18 and 2020)	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	sulphur on performance of mustard (*Barssicajuncea L.)*under integrated nutrient management system	Singh, R.K., Kumar Pankaj, Singh, S.K. & Singh, R.N. (2020) .	Res. Jr. of Agril. Sci. 11(2):479-483	
Seminar/conference/ symposia papers				
Seminar/conference/ symposia papers				
Books		--	--	--
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 Dr. R.K. Singh, SMS (Soil	1000	1000

		Science) KVK, Katihar		
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 Dr. R.K. Singh, SMS (Soil Science) KVK, Katihar	1000	1000
News letter	Krishak Samachar Vol-3	Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar Smt Nandita Kumari, SMS (Home Science) 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 Dr. R.K. Singh, SMS (Soil Science) KVK, Katihar Miss sweaty Kumar SMS (Agromet)	1000	1000
News letter	Krishak Samachar Vol-4	Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar Smt Nandita Kumari, SMS (Home Science) 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 Dr. R.K. Singh, SMS (Soil Science) KVK, Katihar Miss sweaty Kumar SMS (Agromet)	1000	1000
Bulletins	--	--	--	--
Popular Articles	Krishak sandesh	Dr. Reeta Singh. Sr. Scientist and Head, KVK, Katihar Smt Nandita Kumari, SMS (Home Science) 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 Dr. R.K. Singh, SMS (Soil Science) KVK, Katihar Miss sweaty Kumar SMS (Agromet), Sri Om Prakash Bharti, FM, KVK, Katihar	400	400

Book Chapter	--	--	--	--
Popular Articles	मृदा स्वास्थ्य हंतु फसल अवशेष का सदुपयोंग	*रमाकान्त सिंह,* पंकज कुमार, सुषील कुमार सिंह,	Krishak Sandesh sept 2019(8):1, 5-7	
Popular Articles	फलोत्पादन में पोषक तत्वों का महत्व	*रमाकान्त सिंह,* पंकज कुमार, सुषील कुमार सिंह, ,रीता सिंह	Krishak Sandesh sept 2019(8):4	
Popular Articles	जैविक कीटनाशक से सब्जियों में कीट प्रबंधन	रीता सिंह, *एवं* आर के0 सोहाने	Krishak Sandesh sept 2019(8):1, 25-27	--
Popular Articles	जैविक खेती से ही भविष्य सुरक्षित	रीता सिंह, *रमाकान्त सिंह, एवं* आर के0 सोहाने	Krishak Sandesh sept 2019(8):6, 3-7	--
Popular Articles	स्वयं सहायता समूहो के द्वारा महिला सशक्तीकरण	शोभा रानी *एवं* रीता सिंह	Krishak Sandesh sept 2019(8):6, 8-10	1
Popular Articles	कचरा अपघटक : किसानों के लिए वरदान	*रमाकान्त सिंह, रीता सिंह एवं* आर के0 सोहाने	Krishak Sandesh sept 2019(8):6, 11-13	
Popular Articles	जीरो टिलेज : किसानों के लिए वरदान	सुषील कुमार सिंह, ,रीता सिंह[1], *रमाकान्त सिंह,* पंकज कुमार,स्वीटी कुमारी, एव ओम प्रकाश भारती	Krishak Sandesh sept 2019(8):6, 17-18	
Popular Articles	बाढ़ोपरान्त : तिलहनी फसल	पंकज कुमार, सुषील कुमार सिंह, ,रीता सिंह[1], *रमाकान्त सिंह*स्वीटी कुमारी, एव ओम प्रकाश भारती	Krishak Sandesh sept 2019(8):6, 24-25	
Popular Articles	खेती में स्थाई विकास के लिए मौसम के साथ तालमेल जरूरी।	स्वीटीकुमारी, रीता सिंह[1], ओम प्रकाश भारती *रमाकान्त सिंह* ,पंकज कुमार एवं सुषील कुमार सिंह	Krishak Sandesh sept 2019(8):6, 28-29	
Popular Articles	तिल का बीज उत्पादन	ओमप्रकाष भारती[1],स्वीटी कुमारी[2], रीता सिंह[3] *रमाकान्त सिंह* , सुषील कुमार सिंह एवं पंकज कुमार	Krishak Sandesh sept 2019(8):6, 32-34	
Popular Articles	सब्जी में अन्तवर्ती फसलें	के0 पी0 सिंह	Krishak Sandesh sept 2019(8):6, 37-40	

Popular Articles	जैव उर्वरक का अनुप्रयोग	*रमाकान्त सिंह,* रीता सिंह[1], सुषील कुमार सिंह, पंकज कुमार , स्वीटीकुमारी एवं ओम प्रकाश भारती	Krishak Sandesh sept 2019(8):6, 47-48	
Popular Articles	सहजनः एक सम्पूर्ण आहार	रीता सिंह, *रमाकान्त सिंह,* सुषील कुमार सिंह, ओम प्रकाश भारती एव ंस्वीटी कुमारी	Krishak Sandesh sept 2019(8):6, 41-42	
Extension Pamphlets/ literature	gramin krishi mausam seva bhartiy krishi ka naya aayam	Miss Sweeti Kumari, SMS (Agromet), KVK, Katihar Dr. birendra Kumar Singh, BAU, Sabour, Sri Santosh Kumar, Agwanpur, Saharsa,		2000

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	Agricultural Extension: Good Practices & Innovation	Smt. S.P. Reddy, Prog. Assist. (Lab Tech)	22-26 Feb 2020 (05)	BAU, Sabour
2	HRD Training Programme	Agricultural Extension: Good Practices & Innovation	Sri Mukesh Kumar Assist.	22-26 Feb 2020 (05)	BAU, Sabour
3.	workshop	OFT finalization workshop for Agronomy	Dr. Sushil Kr. Singh. Sr. Scientist and Head, KVK, Katihar	04-05March 2020 (03)	BAU, Sabour
4.	workshop	OFT finalization workshop for Agronomy	Dr. R.K. Singh, SMS (Soil Science) KVK, Katihar	04-05March 2020 (03)	BAU, Sabour
5.	workshop	OFT finalization workshop for Horticulture	Dr. K. P.Singh, SMS (Hort), KVK, Katihar	04-07 March 2020 (04)	BAU, Sabour
6.	HRD Training Programme	"Rejuvenation practical training"	Dr. K. P.Singh, SMS (Hort), KVK, Katihar	03-04DEC 2020 (02)	BAU, Sabour

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

Sri Sameer Chaudhary : Landless cultivator became motivator of rural youth
(Mushroom Cultivator with value added products)

Name: Sri Sameer Chaudhary
Age: 38Yrs
Village: Semapur
Panchyat: Bareta
Block: Barari
District: Katihar
Educational qualification: Graduate
Institution facilitating venture: KVK, Katihar
Adhar No.: 288928480501

Where there's a will there's a way, proves 38 years young man Sri Sameer Chaudhary of Semapur under Barari block of Katihar district Bihar. After his success in cultivation of Mushroom due to low input cost and higher income, Sri Sameer Chaudhary is aiming high with mushroom value added products. The young entrepreneurs Sri Sameer Chaudhary developed the innovatively grown, packed mushroom sacks, bakeries and pickles of mushroom as their source of income and a living example that has achieved tremendous success in mushroom farming and at the same time opened job avenues for many in the agricultural sector.

Being a graduate, Sri Sameer Chaudhary could have got a job in any firm but he opted for farming as he was keen on experimenting with different farming techniques with the help of Krishi Vigyan Kendra, Katihar and get success.

He said, "Although I failed multiple times in farming, I never lose hope. I again ventured into the business. The initial days were not easy for me. My friends, even my family members taunted me for my initiative but I was like hard of hearing and worked on the way. I learned many things from my failures and meet with the Scientists of Krishi Vigyan Kendra Katihar. After that training himself on Mushroom Cultivation and Vermi-composting and I learned how to hit the jackpot of success in mushroom cultivation, its value added products and byproducts as vermi-compost."

"Initially, I managed to get only one or two kg of mushroom from my farm which is around 1000 sq meters. I worked hard to get more in a day. I regularly called the Krishi Vigyan Kendra, Katihar and shared details on the farming and get suggestions to improve the production. I just followed their advice and within a short period I tasted the fruit of success," he added.

"Mushroom cultivation is a technical process. It can become a money-making proposition with proper use of technology and experts' guidance. It requires less manpower which is an advantage for a farmer. Being alone, I chose this business and got success with regular guidance from Krishi Vigyan Kendra Katihar experts. I am learning many new techniques of mushroom firming.

"During particular season especially during pick season, we can earn about Rs.50000.00 per month and during off season we earn hardly around 10-20,"said Sameer Chaudhary.

He grows 1000 packets of mushroom (500 oysters and 500 buttons) in his farm and sells 10 kg of mushroom daily at the wholesale rate of Rs 130 per kg. Daily he received Rs1300.00 means Rs.39000.00 monthly. Sometime raw mushroom not selll, he sun dried and convert it in to powder form and that powder uses to prepare mushroom bakeries, Namkeens and sell in local market @Rs.350.00per kg. After the complete the

production of mushroom he decompose the bag materials and dump in vermi-compost unit for preparation of vermicompost and sell amongs farmers @Rs.6.00 per kg. On an aggregate basis, he get Rs.50000.00 monthly income with mushroom and it's produced under the farm. So far, more than 100 farmers have acquired the cultivation related know how at the farm of Chaudhary.

The local farmers Katihar district are engaged in the cultivation of oyster and button-mushroom in winter and the local products are selling in the markets of different parts of the region.

Chaudhary has so far employed self as well as his two family member which is acting as a platform for them to earn their livelihood for better sustainability. The best favourable season to grow this mushroom in Bihar is from September to February.

The grown packed mushroom farming, mushroom powder, mushroom biscuits, namkeen and by product vermicompost of the district is gradually emerging as a thriving business for many educated unemployed youth of the district.

Sri Sameer Chaudhary said, "Once my friends and relatives who were laughing at my passion and business are now interested to know the techniques and the way to my success. I always ask them to be positive and work under the supervision of the Experts of Krishi Vigyan Kendra, Katihar. Currently, Sri Chaudhary is guiding 50 of local farmer to in mushroom farming. They also make a good profit.

Oyster Mushroom (10 bags)

Items	Rate	Quantities	Amount
Spawn	@200/kg	1 kg	200
Hay	@Rs.5/kg	20kg	100
Polythene bags	@Rs.1/p	10p	10
Chemical	--	--	100
Labour			100
Total			510

Total Cost of cultivation:	Rs.510/ 10 bags
Production:	1.5 kg/bag
Total Produce:	15 kg
Sell:	@Rs.130/kg
Total sell:	Rs.1950/-
Benefit:	1950-510=Rs.1440/-

Cost of cultivation	Total benefits	Net benefits	B :C ratio
510	1950	1490	1 : 3.8

Button Mushroom (20' x 10' size)

Items	Rate	Quantities	Amount (Rs)
Straw	@Rs.500/q	10 q	5000
FYM	@Rs.200/q	10 q	2000
Urea	@Rs.700/q	30 kg	210
Bran and cake	@Rs.1000/q	1 q	1000
Gypsum	@Rs.500/q	2 q	1000
Casing soil	@Rs.300/q	10 q	3000
Spawn	@Rs.200/kg	30kg	6000
Labour	@Rs.300/p	8	2400
Total			**20610**

Total Cost of cultivation	
Total Produce: 600 kg	
Sell:	@Rs.130/kg
Total sell:	Rs.78000/-
Benefit:	78000-20610=Rs.57390/-

Cost of cultivation	Total benefits	Net benefits	B :C ratio
20610	78000	57390	1 : 3.7

2. **Sri Sanjay Kumar Singh: Education and age cannot be a barrier for someone who wants to experience something new (Cultivation of Dragon Fruit with inter cropping)**

Name: **Sri Sanjay Kumar Singh** **Block:** **Korha**
Age: **50Yrs** **District:** **Katihar**
Village: **Mahinathpur** **Educational qualification: Intermediate**
Panchyat: **Mahinathpur** **Institution facilitating venture: KVK, Katihar**
Mobile No.: **7991143703** **Adhar No.:** **277556968418**

Education and age cannot be a barrier for someone who wants to experience something new.

Fifty years man with intermediate qualified Sri Sanjai Kumar Singh of Mahinathpur village Kodha Block Katihar District in Bihar has shown the way to many by setting up the dragon fruit orchard by his hard work, intelligence and help with different technologies by Krishi Vigyan Kendra, Katihar Scientists.

Krishi Vigyan Kendra, Katihar mobilize to Sri Singh for adoption of a new plant as dragon fruit and help in availability of seedling. The main advantage of this crop is that once planted, it will grow for about 20 years, and produce significant crops two to three years after planting and reach full production after five years. Agronomic practices are easy and less expensive; maintenance cost is low and aftercare is minimal due to fewer pest and disease attacks. In present conditions intercropping of dragon fruit with cereals, vegetables and spices has become adopted by Sri Singh due to minimize the cost of cultivation up to three years and utilization of maximum land to upgrade the productivity lands and the profitability of farmers.

While sharing his experience, Sri Singh said, "With a dream of doing something innovative, I exchange our photostate business from 2016 as dragon fruit cultivator with intercrops of cereals, vegetables and spices crops and found fruitful return with the help of Scientists of Krishi Vigyan Kendra Katihar with uses of different technologies. The soil of cultivator favorable for cultivation of that as the earth is sandy clay in nature and rainwater doesn't remain stagnant, he said.

Sri Singh, who expanded his fruit orchard to one acar of land within three years, is also counting a handsome profit as dragon fruit, with intercrops of different vegetables, spices crops, is now gradually gaining popularity in Katihar District. Dragon fruit has medicinal and anti-oxident properties, dragon fruit gradually catching up among farmers in Seemanchal reason of Bihar.
Alongside local people, his success story also attracts many important personalities and farmers of the district who visited the orchard a few years ago.

In 2016, Sri Singh planted 500 dragon fruit saplings, a concrete pillar with a tyre on its top, in one acar of land as at least four saplings can be planted around each trellis with 2 m spacing. Between the two piller Sri Singh sowing potato in last August and after 70 days sowed vegetable, and spices i.e. turmeric and zinger. Sri Sanjai Kumar Singh has 2 ha land in one acar area has dragon fruit with intercrop and remains area he cultivate banana (G9), maize, coriander and zinger as intercrops. He also prepared pesticides and micronutrients mixture with help of waste decomposes to grow her agricultural products organically and minimize his cost of cultivation. Sri Singh also established sandal industry on the farm house and got good benefits with them. Now Sri Sanjai Kumar Singh economy growth rate is 16.77% annually with all enterprises. Due to the his hard works and role modal of farmers Krishi Vigyan Kendra recognized him and awarded by Bihar Agricultural University Sabour, Bhagalpur as a best farmers award.

The Economics with different crops:

Dragon fruits:

Years	**Cost of Cultivation (Rs./ha)**	**Total Income (Rs./ha)**	**Net Income (Rs./ha)**	**BC ratio**
First yr.	500000.00	-300000.00	-200000.00	0.43
Second yrs.	100000.00	650000.00	550000.00	6.50
Third yrs.	100000.00	800000.00	700000.00	8.00
Total	700000.00	1150000.00	1050000.00	
Average/yr	233333.00	383333.00	350000.00	

Economics of Potato (per ha/year):

S.N.	**Items**	**Amount (Rs)**
1	Potato Seed	3600.00
2	Land Preparation	8000.00
3	Manures and Fertilizers	8000.00
4	Plant Protection	5540.00
5	Labour	7200.00
6	Bag	3520.00
7	Sutali	100.00
8	Transportation	2900.00
	Total	**71260.00**

Yield : 93 q/ha
Sell of potato @Rs,1200/q
Total Sell : Rs.111600.00
Total Expenditure: Rs. 71260.00
Net Income : Rs.40340.00

Economics of Banana (per ha/year):

S.N.	Items	Amount (Rs)
1	Suckers	20000.00
2	Land Preparation	6000.00
3	Manures and Fertilizers	10000.00
4	Plant Protection	2000.00
5	Labour	12000.00
6	Others Expenditure	3000.00
Total		**53000.00**

Yield : 1000 Kani /ha
Sell of banana per Kani @Rs150/q
Total Sell : Rs.150000.00
Total Expenditures : Rs.53000.00
Net Income : Rs.97000.00

Economics of Maize (per ha/year):

S.N.	Items	Amount (Rs)
1	Seed	3600.00
2	Land Preparation	6000.00
3	Manures and Fertilizers	5000.00
4	Plant Protection	3000.00
5	Labour	6000.00
6	Others Expenditure	8000.00
Total		31600.00

Yield :	55 q/ha
Sell of maize:	@Rs1600/q
Total Sell :	Rs.88000.00
Total Expenditures :	Rs.31600.00
Net Income :	Rs.56400.00

Economics of Turmeric (per ha/year):

S.N.	Items	Amount (Rs)
1	Seed	8000.00
2	Land Preparation	6000.00
3	Planting material Sowing	10000.00

4	Weeding	6000.00
5	Manures and Fertilizers	8000.00
6	Plant Protection	6500.00
7	Labour	8000.00
Total		52500.00

Yield :	50 q/ha
Sell of maize	@Rs3000/q
Total Sell :	Rs.150000.00
Total Expenditures :	Rs.52500.00
Net Income :	Rs.97500.00

Summary of Different crops (Rs./acre/year)

Crops	**Cost of Cultivation (Rs./ha)**	**Total Income (Rs./ha)**	**Net Income (Rs./ha)**	**B:C Ratio**
Potato	71260.00	163215.00	40340.00	2.29
Banana	53000.00	150000.00	97000.00	2.83
Maize	31600.00	88000.00	56400.00	2.78
Dragon fruit	233333.00	383333.00	350000.00	1.64
Turmeric	52500.00	150000.00	97500.00	2.86

Therefore, the success of experimental farming of Dragon fruit has encouraged the farmers of the district to go for large-scale farming of this special fruit. This foreign fruit, which can effectively controls diabetics, is being cultivated in Seemanchal area of Bihar. Sri Sanjai Kumar Singh offer structured, in-farm training for agri-preneurs interested in growing Dragon Fruit. Leveraging his considerable knowledge base and insights on Dragon Fruit cultivation, we have successfully replicated the ideal cultivation environment at our farm and adopted global best practices in cultivation to achieve a very high yield and success in life.

BSDM Case Study

CASE 1:

1. Name and address of the farmer : **Sri Sadanand Poddar**
   Village Sarifganj, Hawaiadda
   Katihar
2. Contact no.(s) : 99314413932
3. Age : 46
4. Training attended in BSDM Batch : 2018-19
5. Educational qualification: B.A.
6. Experience in farming: 20
7. Brief description of the farm/enterprise: Involve in vermicompost production and marketing
8. Economics of the Vermicompost unit:

Production Unit	**No. of Unit**	**Cost of production (Rs per unit) per cycle**	**Total cost of production for 6 units per year**	**Return six unit per year**	**Net income(Rs. Per unit)**
Vermicompost Unit	06	2900/-	52200/-	129600	77400/-

CASE 2:

1. Name and address of the farmer : **Sri Vijay Kumar**
   Badi Bathnaha, Katihar
2. Contact no : 8936831926
3. Age: 29
4. Training attended in ASCI Batch : 2018-19
5. Educational qualification : I. Sc.
6. Experience in farming : 06
7. Brief description of the farm/enterprise : Involve in vermicompost production and use in vegetable production
8. Economics of the Vermi-compost unit :

Production Unit	No. of Unit	Cost of production (Rs per unit) per cycle	Total cost of production for 3 units per year	Return three unit per year	Net income(Rs. Per unit)
Vermicompost Unit	03	2900/-	26100	59400/-	33300/-

CASE 3:

1. Name and address of the farmer : **Md. Jahangir Alam**
   Village -Sakaraily makhnadhar
   Post- Semapur
   Block Barari, Katihar
2. Contact no : 7254942027
3. Age: 29
4. Training attended in ASCI Batch:2018-19
5. Educational qualification: Graduate
6. Experience in farming: 09
7. Brief description of the farm/enterprise: Involve in vermicompost production and use in vegetable production
8. Economics of the Vermicompost unit:

Production Unit	No. of Unit	Cost of production (Rs per unit) per cycle	Total cost of production for 2 units per year	Return two unit per year	Net income(Rs. Per unit)
Vermicompost Unit	02	2800/-	16800/-	43200/-	26400/-

CASE 4:

1. Name and address of the farmer : **Sri Hari Prasad**
   Vill. & Post -Mujwartal,
   Block- Manihari
   District - Katihar
2. Contact no : 6294652665
3. Age : 35
4. Training attended in ASCI Batch : 2018-19
5. Educational qualification : I. Com.
6. Experience in farming : 12
7. Brief description of the farm/enterprise : Involve in vermicompost production and sale through Unnat Kisan Club
8. Economics of the Vermicompost unit:

Production Unit	No. of Unit	Cost of production (Rs per unit) per cycle	Total cost of production for two units per year	Return two unit per year	Net income(Rs. Per unit)
Vermicompost Unit	02	2500/-	15000	41400/-	26400/-

CASE 5:

1. Name and address of the farmer : **Sri Rupesh Kumar**
   Village Batheili
   Katihar
2. Contact no.(s) : 8521046299
3. Age : 26
4. Training attended in BSDM Batch : 2018-19
5. Educational qualification : B.A.
6. Experience in farming: 06
7. Brief description of the farm/enterprise: Involve in vermicompost production and marketing
8. Economics of the Vermicompost unit:

Production Unit	No. of Unit	Cost of production (Rs per unit) per cycle	Total cost of production for 2 units per year(three cycle)	Return two unit per year	Net income(Rs. Per unit)
Vermi-compost Unit	02	2400	14400		77400/-

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.	On line training classes	--	During lock down period it was very difficult to gather farmers at one place for training and other activities. KVK, katihar starts on line training programmes and trained 858 farmers through virtual mode

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	Control weevils

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production (q)	No. of farmers involved	Market available (Y/N)
1.	Vegetable production	132	2235	256	N

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 assesssment
5.	Observation	Training need assessment

3.11. a. Details of equipment available in Soil and 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			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
-	1385	1385	1215	35	48475

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	112	--	--	112	112

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
08	01	--	232	12

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

No of student trained	No of days stayed
04 Students(10.10.2020 to Till Now)	**81 days (Going On)**

List of Students

Sl No.	Name	Roll No.
1	JUHI KUMARI	` DKAC/34/2017-18
2	MD. SHAFIQUE AZMDT	BAC/055/2017-18
3	POOJA KUMARI	VKSCOA 2015-2017-18
4	NEERAJ KUMAR KAMAL	BPSAC/22/2016-17

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
30.12.2020	Sri Rajeev Bushan Singh , Director regional centre coconut development board, Patna	Visit of Demonstration units & KVK Farm
21.12.2020	Sri Dinkar Prasad Singh , DAO, Katihar	Visit of Demonstration units & KVK Farm
21.12.2020	Sri Kameswar Singh, DDM, NABARD, Katihar	Visit of Demonstration units & KVK Farm
21.12.2020	Sri Shashi Kant Jha, Dy P.D., ATMA, Katihar	Visit of Demonstration units & KVK Farm
11.12.2020	Sri Nikhil Choudhary, ex Member of Parliament	Visit of Demonstration units
10.12.2020	Sri Santosh Kumar Uttam, Dy Director (Agronomy) PPM Cell, Patna	Visit of CRA demonstration Unit
03.12.2020	Dr. Paras Nath, Assoc. Dean cum Principal, BPSAC, Purnea	Visit of Demonstration units & KVK Farm
30.11.2020	Sri Jitendra Prasad , Atma P.D., Katihar	Visit of Demonstration units & KVK Farm
02.10.2020	Dr. R.K. Sohane, DEE, BAU , Sabour	Organised the Swachhta Programme
02.10.2020	Dr. Paras Nath, Assoc. Dean cum Principal, BPSAC, Purnea	Organised the Swachhta Programme
16.09.2020	Dr. Rahul Kumar , ADH, Katihar	Visit of Demonstration units & KVK Farm
12.09.2020	Dr. R.K. Jat, Scientist incharge, BISA, Pusa	Visit of CRA demonstration Unit

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)
Vermicomposting	2290	35%	5500	8500
Agro Advicesory Services (GKMS)	8875	19%	39500	73200
Mushroom Production	326	30%	2900	7400
Bee Keeping with improved technologies	213	23%	28000	76000
Organic Farming Practices	1110	29%	42000	61000
Integrated Farming System	210	12%	41500	80000
Backyard poultry	145	16%	11500	21800
Seed production through group approach	132	16%	19000	39500

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

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Improved cultivars	6103
Seed treatment	2450
Vermicompost	1110
Seed production	321
Balanced fertilizer application	5056
Mushroom Production	2560

Give information in the same format as in case studies

4.2. 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	Improved Seed	Productivity, Income Level	Productivity & income level enhanced
2	IPM	Pest Control	Productivity & income level enhanced
3	INM	Balance Nutrient application,	improve Soil health
4	IWM	Better Crop Growth	Productivity & income level enhanced
5	Mushroom Production	Yield increase	Income & employment generation

4.4. Details of innovations recorded by the KVK

Thematic area	Production of small tools and implements
Name of the Innovation	Modification in Sprayer
Details of Innovator	Sri Sanjib Kumar Roy
Back ground of innovation	In orchard develop a big sprayer operated with disel pump for spraying in big plants
Technology details	Generally farmers use small size sprayer which is very difficult for farmers having big horticultural plants. Sri sanjib roy develops a sprayer operated with disesl pump set with long spray head which is very useful for spraying in big plants.
Practical utility of innovation	Accuracy in spraying and maximum use of fungicides/ insecticide and reduction of drudgery

4.5. Details of entrepreneurship development

A. Goat farming

Name of the enterprise	Goat farming
Name & complete address of the entrepreneur	**Sri Rishi Kant Singh** **Vill. – Mujbar Tal** **Block – Manihari** **Distt. – Katihar (Bihar)**
Intervention of KVK with quantitative data support	Training, Project formation, liasioning

Time line of the entrepreneurship development	One year
Technical Components of the Enterprise	Training, Treatment, Breed selection
Status of entrepreneur before and after the enterprise	Primarily he was rearing 2 goats and presently he is rearing 8 goats
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise)	Black Bengal – 8 (kids and adults are sold at local market)
Horizontal spread of enterprise	22

B. IFS

Name of the enterprise	**Resource conservation**
Name & complete address of the entrepreneur	**Sri Amresh Kumar Choudhary** **Age:- 39 years** **Vill:-Bhawara Post:- Katihar Distt:- Katihar(Bihar)**
Intervention of KVK with quantitative data support	Training, Project formation, liasioning
Time line of the entrepreneurship development	Two years
Technical Components of the Enterprise	Sri Amresh Kumar Choudhary adopted the methods of IFS. In most of his land he planted some useful fruit plants and Bamboo 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. 350000/- per year
Status of entrepreneur before and after the enterprise	After adopting IFS, he earn and additional income of Rs. 350000/-
Present working condition of enterprise in terms of raw materials availability, labouravailability, consumer preference, marketing the product etc. (Economic viability of the enterprise)	IFS in two acre land
Horizontal spread of enterprise	6

C. 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.

D. Vermicomposting

Entrepreneurship development	
Name of the enterprise	Vermicompost
Name & complete address of the entrepreneur	**Sri Vijay Kumar** **Vill:- Bari Bathna** **Block- Mansahi** **Dist- Katihar** **Mob No.- 8936831926**
Intervention of KVK with quantitative data support	Training, Project formation, liasioning
Time line of the entrepreneurship development	2 years
Technical Components of the Enterprise	After prepration of vermicompost, he is saling @rs . 6 per kg, After starting the enterprise sri Kumar gets additional income of Rs. 3500.00
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 avaibility of raw material is not a problem and the sailing of vermicompost is not a problem.
Horizontal spread of enterprise	10

Entrepreneurship development	
Name of the enterprise	Mushroom Production
Name & complete address of the entrepreneur	**Sri Baleshwar Singh** **Vill:- Bari Bathna** **Block- Mansahi** **Dist- Katihar**
Intervention of KVK with quantitative data support	Training, Project formation, liasioning
Time line of the entrepreneurship development	03 years

Technical Components of the Enterprise	Starts oyster and Button Mushroom production
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 avaibility of raw material is not a problem and the selling of Mushroom is not a problem.
Horizontal spread of enterprise	18

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	**Nature of linkage**
ATMA, Katihar	Regarding assistance in training, Kharif Mahotsav, Rabi Mahotsav and other programmes
District Agriculture offfice ,Katihar	Regarding Mechanisation, Training, Demonstration, Field day and other programmes
Jeevika, Katihar	Regarding assistance in training
RSETI, Katihar	Regarding assistance in training
Deptt. of Fishries, Katihar	Regarding assistance in training
Deptt. of Animal Husbandry, Katihar	Regarding assistance in training
NABARD	Regarding assistance in training,Formation of Kisan Club , FPO and financial assistance
IFFCO,Katihar	Regarding assistance in training
NIAM, Jaipur	Regarding assistance in training
District Industries Centre	Regarding assistance in training
District Co-operative Office	Regarding assistance in training
Path Angikanchal,NGO	Regarding assistance in training
AIR, Purnea	Technical Support
Coconut development Board, Patna	Technical & Financial Support
BISA, Pusa, Samastipur	Technical & Financial Support

5.2. List of special programmes undertaken during 2020 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	48	9000.00	28800.00	
2.	Azolla unit	2016	02	Pinnata	Azlolla	55	--	--	used in farm
3.	Mushroom Production unit	2012	25	oyster Mushroom	Oyster Mushroom	--	275.00	1380.00	
Total						103	9275.00	30180.00	

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	26.11.2019	04.04.2020	2.7	HD-2967	C/S	69	11796.15	354600.00	
Wheat	18.12.2019	08.04.2020		DBW-14	C/S	12			
Tisi	29.11.2019	28.03.2020	0.2	Sabour Tisi-1	TFL	2.4			

Paddy	01-07-2020	15.11.2020	4.0	Sabour Shree	C/S	71	1562 78.00	248500.00	

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermi Compost	4800	9000.00	28800.00	-
2.	Worm	34			

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)**
January to December 2020	19	361	
Total :	**19**	**361**	

(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 *(Rs. In Lakhs)*

Item	Released by ICAR		Expenditure		Unspent balance as on 31st DEC 2020
	Kharif	Rabi	Kharif	Rabi	
Mustard	--	33600	--	35720	(-) 2120

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

Item	Released by ICAR		Expenditure		Unspent balance as on 31st DEC 2020
	Kharif	Rabi	Kharif	Rabi	
Pulse	75600	--	65340	--	10260

7.4. Utilization of KVK funds during the year 2020 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	9500000	5510586	6610229
2	Traveling allowances	150000		
3	Contingencies			
A	Office	300000		134554
B	Training	270000		230655
C	FLD	95000		74630
D	OFT	70000		43525
E	M.B.	25000		19700
F	Extension Activitity	25000		7560
G				
H				
I				
J	Swachhta Expenditure			
TOTAL (A)		**10435000**	**5510586**	**7120853**
B. Non-Recurring Contingencies				
1				
2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		**10435000**	**5510586**	**7120853**

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2015-16	1424726.49	484115.50	524548.00	1465155.99
2016-17	1465155.99	442162.00	584642.00	1333073.99
2017-18	1333073.99	481735.00	592236.90	1144724.59
2019	1144724.59	603758.00	508188.50	2085894.09
2020	1649892.09	411742.00	355081.20	2206552.89

7.6. (i) Number of SHGs formed by KVKs- 06
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities

S.N.	Name	Area of Acitivities	Members (No)
1	Swayam Siddha Swayam Sahayata Samuh	Vermi Compost Production	12
2	Kushwaha Swayam Sahayata Samuh	Mushroom Production	16
3	Simanchal Swayam Sahayata Samuh	Seed Production	19
4	Nima Swayam Sahayata Samuh	Mushroom Production	14
5	Pokhariya Swayam Sahayata Samuh	Mushroom Production	13
6	Nawyuwak Swayam Sahayata Samuh	Vegetable Production	15

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

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both

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	19.08.2020	156	9%	198
Sheath Blight	Paddy	22.08.2020	365	11%	268
Bacterial Leaf Blight	Wheat	10.01.2020	68	9%	156
Fall army worm	Maize	07.11.2020	298	18%	265

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. *mKisan*Portal (National Farmers' Portal/ SMSPortal)

Type of message	No. of messages	No. of farmers covered
Crop	0	000
Livestock	0	000
Fishery	0	000
Weather	2	41151
Marketing	0	000
Awareness	2	41064
Training information	1	18953
Other	2	40970
Total	**7**	**142138**

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	**28987**
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.	--	--	--	--
3.	--	--	--	--
4.	--	--	--	--

9.6. a. Observation of Swachha Bharat Programme/Pakhwara

Date/ Duration of Observation	Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
16.12.2020	Display of banner at KVK & Other places, swachhata pledge	12	16	4	32
17.12.2020	Cleaning Dry at KVK, Katihar Office, residencial area & Kisan Ghar	00	12	4	16
18.12.2020	Swachchhta awareness programme and Cleaning of Office campus	12	14	4	30
19.12.2020	Cleaning dry in campus and comman market places	5	14	4	23
20.12.2020	Awareness programm on cleanliness	5	47	4	56
21.12.2020	awareness on recycling of waste water, water harvesting for agriculture/ horticulture application/kitchen gardens	5	58	4	67
22.12.2020	safe disposal of all kinds of wastes	12	47	4	63
23.12.2020	Celebration of Kisan Diwas	12	112	4	128
24.12.2020	Swachhta Abhiyan at village	5	35	4	44
25.12.2020	Celebration of Pradhan mantra Krishi Samman Nidhi	12	118	4	134
26.12.2020	Quiz on swachhata	12	22	4	38
27.12.2020	Awareness on waste managment and utilization of organic waste	5	14	4	23
28.12.2020	Awareness on recycling of waste water	5	23	4	32
29.12.2020	Awareness on non Bio degradable wastes	5	12	4	21
30.12.2020	Swachhta Abhiyan at village	5	24	4	33
31.12.2020	Swachhta Abhiyan at village level	5	22	4	31

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	--	20,000.00
2. Basic maintenance	115	
3. Sanitation and SBM	48	
4. Cleaning and beautification of surrounding areas	51	
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	12	
6. Used water for agriculture/ horticulture application	08	
7. Swachhta Awareness at local level	245	
8. Swachhta Workshops	35	
9. Swachhta Pledge	12	
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)	152	
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	**736**	**20000.00**

9.7. Observation of National Science day

Date of Observation	Activities undertaken
--	--

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,Chilmara	12.02.2020	Agricultural Education	Audio Visual Aids and Live samples
Madhaya Vidhalaya, Sirsa	18.03.2020	Agricultural Education	Audio Visual Aids and live Sample

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 Doordarshan (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 Swachhta Hi Sewa programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Display of banner at KVK & Other places, swachhata pledge	8	32	0	
2	Cleaning Dry at KVK, Katihar Office, residencial area & Kisan Ghar	0	16	0	
3	Swachchhta awareness programme and Cleaning of Office campus	3	30	0	
4	Cleaning dry in campus and comman market places	1	23	0	
5	Awareness programm on cleanliness	1	56	0	
6	awareness on recycling of waste water, water harvesting for agriculture/ horticulture application/kitchen gardens	1	67	0	
7	safe disposal of all kinds of wastes	3	63	0	
8	Celebration of Kisan Diwas	00	128	0	
9	Swachhta Abhiyan at village	02	44	0	
10	Celebration of Pradhan mantra Krishi Samman Nidhi	00	134	0	
11	Quiz on swachhata	4	38	0	
12	Awareness on waste managment and utilization of organic waste	4	23	0	
13	Awareness on recycling of waste water	2	32	0	
14	Awareness on non Bio degradable wastes	2	21	0	
15	Swachhta Abhiyan at village	1	33	0	
16	Swachhta Abhiyan at village level	2	31	0	

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	03	38	00	--

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1.	Pawan Kumar	Barsoi, Katihar 8292500998	Strawberry & Simla Mirch
2.	Sanjay Kumar Singh	Mahinathpur,Kohra, Katihar 7991143703	Dragon Fruit, Inter cropping
3.	Panch Lal Mandal	Bakhari , Barai, Katihar 9771362420	Zero Budet farming
4.	Shivani Bharti	Lailhi, Katihar 8507880702	Mushroom Production

5.	Sarita Murmu	Nima, Katihar, 9955024783	Mushroom Production
6.	Phool Kumari Hembram	Nima, Katihar, 9931837584	Mushroom Production
7.	Kunal Kumar Poddar	Sharif Ganj, Katihar, 8210937345	Vermi compost Production
8.	Rupesh Kumar,	Baithaily, Katihar, 8521046299	Vermi compost Production
9.	Sada Nand Mandal,	Bhelahi, Katihar, 9572568655	Honey Production
10.	Tarun Kumar Mandal,	Tikapatti, Katihar, 7563851224	Honey Production
11.	Md. Eshan Ali,	Kast Haba, Katihar, 8294123645	Poultry Production
12.	Kshitij Chand Das	Gangapur, Balrampur,Katihar, 8227038200	Poultry Production
13.	Sri Sameer Kumar Choudhary	Semapur. Katihar, 9234380974	Mushroom grower & Value addition of Mushroom
14.	Sri Kishun Rishi	Pranpur, Katihar8298005079	Mushroom Entrepreneur
15.	Sri Gopal Mishra	Routara, Katihar, 9576468022	Makhana Cultivation, Dairy Entrepreneur
16.	Sri Mritunjay Kumar Singh	Bishanpur, Korha, 8757550220	Banana Cultivation
17.	Anil Kumar Singh	Sirsa, Katihar, 805178275	Vegetable Cultivation
18.	Sri Abhishek Kumar Yadav	Mohnachandpur, Barari, 9572732098	Crop residue management through Happy Seeder.
19.	Sri Naresh Kumar	Barua Tola, Dandkhora, 9939942240	Cereals & Vegetable Grower
20.	Sri Anil Chaurasiya	Musapur, Korha 8340273690	Vegetable Cultivation
21.	Smt. Rinki Kumari	Sirsa, Katihar 7061084070	Vegetable Cultivation
22.	Sri Baleshwar Singh	Bari Bathana, Katihar, 8969720317	Mushroom Entrepreneur
23.	Sri Bipin Bihari Ojha	Awadhpur, Katihar, 9504687026	Use of Zero Tillage

9.13. Revenue generation

Source	Total Amount (Rs.)
Seed production Programme	603100.00
Planting Material	19454.00
Soil and water testing	4685.00
Vermi Compost	28000.00
TOTAL	**655239.00**

9.14. Resource Generation:

S.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1.	Bio tech Kisan Hub	Seed Production	Bihar Government	18.00	--
2.	Cluster FLD (ICAR)	Cluster FLD (ICAR)	Cluster FLD (ICAR)	1.06	---
3.	TSP (ICAR)	TSP (ICAR)	TSP (ICAR)	5.15	---

4.	Swachhta Plan (ICAR)	Swachhta Plan (ICAR)	Swachhta Plan (ICAR)	0.2	--
5.	CRA	CRA	Bihar Government	4.5	--
6.	Makhana Development Scheme	Makhana Development Scheme	Bihar Government	0.5	---

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	IMD	Not in Working condition
2020-21	IMD	Under Process

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	10	500	After flood late mustard variety Uttara introduced as contingent crop

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

a) Year:2020
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 2020

Sl.	**Activities**	**Physical Achievement**	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	10	247
b.	Women		
c.	Rural Youths		
d.	Extension Personnel	00	00
2)	OFT	No. of OFTs	No. of beneficiaries
		00	00
3)	FLD	No. of FLDs	No. of beneficiaries
		04	95

4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		00	00
5)	Other activities		
a.	Participants in extension activities (No.)	00	
b.	Production of seed (q)	00	
c.	Production of Planting material (No. in lakh)	00	
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.)	00	
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.)	00	

b. Fund received under TSP in 2017-18 (Rs. In lakh): 515000.00

c. Achievements of physical outcome under TSP during 2020-21

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	18%
2	Change in family consumption level	%	14%
3	Change in availability of agricultural implements/ tools etc.	No. per household	4

d. Location and Beneficiary Details during 2020-21

District	Sub-district	No. of Village covered	Name of village(s) covered	ST population benefitted (No.)		
				M	F	T
Katihar	Dandkhora	Ratanpur, Sihla Sauriya	02	132	72	204

12. Details of SCSP:N/A

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer		
b.	Women		
c.	Rural Youths		
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
3)	FLD	No. of FLDs	No. of beneficiaries
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
5)	Other activities		
a.	Participants in extension activities (No.)		

b.	Production of seed (q)	
c.	Production of Planting material (No. in lakh)	
d.	Production of Livestock strains (No. in lakh)	
e.	Production of fingerlings (No. in lakh)	
f.	Testing of Soil, water, plant, manures samples (Nos.)	

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
-	-	-	-	-	-

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1.	BAU,Kisan Samman in Kisan Mela	Sanjay Kumar Singh, Mahinathpur,Kohra, Katihar 7991143703	2020	BAU, Sabour	-	Dragon Fruit, Inter cropping

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)

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
1.	Kisan Sansaragro Private Limited, Pranpur, Katihar			Organic farming	Vegetable	250	1.5	Organic farming
2.	Swayam Siddha Samanay Farmer Company Limited Durgaganj, Kadwa, Katihar			Maize & Horticultural crop	Maize & Banana	368	8.5	Maize & Horticultural crop
3.	Mahananda Agro producer Company Limited, Bharri, Kadwa, Katihar			Mushroom	Oyster Mushroom	310	1.5	Marketing of Maize

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. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	**Bee Keeping with improved technologies**	• Italian Bee Keeping • Processing of honey at farmers group level • Marketing through group approach / FPO • Branding at farmer's end	80,000-1,00,000	200-300	
2	**Seed production through group approach**	• Seed production technology transferred to farmers through training programme. • Seed provided to farmers during various FLD and CFLD and encourage them to keep and sell the produced seed to other farmers in the next season • Farmers are getting improved seed	20,000-50,000	350-600	

3	**Organic Farming Practices**	• Uses of green mannuring, FYM, Bio fertilizers, azolla for soil and crop health management. • Uses of low Cost organic Pesticides with the use of Cow Urine, dung & neem etc. • Uses of low cost nutrient management i.e. Jivamrit etc.	60,000-70,000	700-800	
4	**Microbial Consortium for improved retting of Jute**	• This is consortium with microbial formulation used retting process of jute in stagnant water. • It can reduce the retting period by 5-7 days from conventional retting process • increase the yield by 15-20% • Improves quality of fibre by 1-2 grade point and ultimately increase farmer's income	8,000-10,000	300-400	
5	**Mushroom Production**	• Landless husbandry • Quick and high return • Nutritional security • Income & employment generating • Alternative of crop residue management	60,000-70,000	20000-25000	

6	**Integrated Farming System**	• Uses different synergic blending of Crop, Horticultural, Dairy, Fisheries, Poultry etc • Employment to other local farmers • Decrease cost of cultivation • Multiple uses of resource and providing much needed resilience for predicated climate change, scenario	2,00,000	200-300	
7	**Backyard poultry**	• Rearing high yielding dual purpose breed like Vanraja (30 - 40 bird per unit) • Feeds uses for the purpose low cost locally available feed • Scientific management of poultry (proper vaccination and medication)	20,000-30,000	200-300	

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

	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)					
II (up-to 24.04.218)					
Total					

20. 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)

21. a) Information on ASCI Skill Development Training Programme, if undertaken during 2017-18 and 2020

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.)
2016-17	--	--	--	--	--	--	--
2017-18	Gardener	Dr. K. P. Singh Dr. Rama Kant Singh	01.12.2017	29.01.2018`	30	Yes	627300.00
2019	Vermi Compost Producer	Sri Pankaj Kumar Dr. Rama Kant Singh	10.01.2018	23.11.2018	20	Yes	152380.00
	Vermi Compost Producer	Sri Pankaj Kumar Dr. Rama Kant Singh	15.03.2019	02-08.2019	30	Yes	178474.00
2020	Vermi Compost Producer	Sri Pankaj Kumar Dr. Rama Kant Singh	15.02.2020	Till Now	30	Yes	--

b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2020

Thematic area of training	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	
INM	**Vermi Compost Producer**	**240**	**0**	**0**	**0**	**0**	**26**	**04**	**26**	**04**	**30**	**--**

22. Information of NARI Project (if applicable): N/A

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

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.	--	Backyard/Kitchen garden	--	--	--
2.	--	Community level	--	--	--
3.	--	Terrace Garden	--	--	--
4.	--	Vertical Garden	--	--	--
TOTAL			--	--	--

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

23. Activities under KSHAMTA

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

24. Activities under MGMG:

Total No of Groups/team formed	No. of Scientists Involved	No. of villages covered	No. of field activities conducted	No. of messages/ advisory sent	Farmers benefited (No.)
--	--	--	--	--	--

25. Activity information of Farmer FIRST Programme (FFP)

Sl.	Modules	Activity Information		
		Demo (No.)	No. of Farm Families	
1.	NRM Module	--	--	
2.	Crop Module	--	--	
3.	Horticulture Module	--	--	
4.	IFS Model	--	--	
		Demo (No.)	No. of Farm Families	No. of Animals
5.	Livestock & Poultry	--	--	--
		No. of Program	No. of farmers	
6.	Extension Activities	--	--	

26. Information on Krishi Kalyan Abhiyan Phase- I/ Phase-II/ Phase-III, if applicable

Krishi Kalyan Abhiyan- I and II

A. Training

Name of programme	***No. of programmes***	***No. of farmers benefitted***									***No. of officials attended the programme***
		SC		***ST***		***Others***		***Total***			
		M	***F***	***M***	***F***	***M***	***F***	***M***	***F***	***T***	
KKA-I	105	--	--	--	--	--	--	--	--	--	--
KKA-II	76	--	--	--	--	--	--	--	--	--	--

B. Distribution of seed/ planting materials/ input/ others

Name of programme	***No. of Programme***	***Total quantity distributed***				***No. of farmers benefited***									
		Seed (q)	***Planting material (lakh)***	***Input (kg)***	***Other (kg/ No.)***	***SC***		***ST***		***Others***		***Total***			***No. of other officials (except KVK) attended the programme***
						M	***F***	***M***	***F***	***M***	***F***	***M***	***F***	***T***	
KKA-I	25	30.704	0.125	30704	-	--	--	--	--	--	--	--	--	3838	52
KKA-II	25	17.136	0.06	17136	--	--	--	--	--	--	--	--	--	2142	45

C. Livestock and Fishery related activities

Name of programme	*No. of Programme*	*Activities performed*				*No. of farmers benefited*									*No. of other officials (except KVK) attended the programme*
		No. of animals vaccinated	*No. of animals dewormed*	*Feed/ nutrient supplements provided (kg)*	*Any other (Distribution of animals / birds/ fingerlings) [No.]*	*SC*		*ST*		*Others*		*Total*			
						M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	*T*	
KKA-I	25	11186	-	-	-									11186	40
KKA-II	25	12900	-	-	-									12900	40

D. Other activities

Name of programme	*Activities*	*No. of farmers benefited*									*No. of other officials (except KVK) attended the programme*
		SC		*ST*		*Others*		*Total*			
		M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	T	
KKA-I	Soil Health Card Distributed	22	29	59	48	3058	309	3139	386	3525	35
	NADEP Pit established	00	00	04	00	222	74	226	74	300	25
	Farm implements distributed	00	00	00	00	00	00	00	00	00	00
	Others, if any										
KKA-II	Soil Health Card Distributed	156	65	126	103	2958	244	3240	412	3652	52
	NADEP Pit established	00	00	00	00	00	00	00	00	00	00
	Farm implements distributed	12	08	30	32	219	52	261	92	353	25
	Others, if any										

Krishi Kalyan Abhiyan- III

No. of villages covered	*No. of animal inseminated*	*No. of farmers benefitted*									*Any other, if any (pl. specify)*
		SC		*ST*		*Others*		*Total*			
		M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	T	
100	339	00	00	00	00	339	00	339	00	339	

Krishi Kalyan Abhiyan- *I*

Activity	Total Target	No. of villages	Farmers Benefitted	No. of Units
Distribution of Soil Health Cards	3525	25	3593	3593
Distribution of Mini Kits of pulses and oilseeds or paddy	2566	25	3838	3838
Distribution of Horticulture/Agro Forestry/Bamboo plant @ 5 per family(location appropriate)	12500	25	3100	15500
Making NADEP Pits in each village	300	300	300	300
100% coverage of bovine vaccination(FMD) in each village	100% Saturation	25	11186	11186
100% coverage of Sheep and Goat for eradication of PPR	100% Saturation	25	9675	9675
Artificial insemination saturation	2500	25	423	423
Training programmes	75	25	9350	105

Village	No. of Soil Health Cards distributed	No. of mini Kits of pulses and oilseeds distributed	No. of Horticulture/ Agro Forestry/ Bamboo plant (5 per family) distributed	No. of bovines vaccinated	No. of sheep & goat vaccinated for eradication of PPR	No. of artificial inseminations	No. of Training Programmes Organized
Total	**3593**	**3838**	**15500**	**11186**	**9675**	**423**	**181**
Ahmadabad	0	0	0	0	0	0	0
Amdaul	100	155	500	700	400	10	5
Amirpur Hardas	0	0	0	0	0	0	0
Amol	0	0	0	0	0	0	0
Amol	0	0	0	0	0	0	0
Anarkali Patti	0	0	0	0	0	0	0
Azamnagar	0	0	0	0	0	0	0
Babhani	0	0	0	0	0	0	0
Baghmara	0	0	0	0	0	0	0
Bahar khal	0	0	0	0	0	0	0
Baidol	0	0	0	0	0	0	0

Baisa Ramna	0	0	0	0	0	0	0
Bakhri	0	0	0	0	0	0	0
Bakia	0	0	0	0	0	0	0
Barari	0	0	0	0	0	0	0
Baretha	0	0	0	0	0	0	0
Bargaon	0	0	0	0	0	0	0
Barinagar	0	0	0	0	0	0	0
Basgarha	0	0	0	0	0	0	0
Bastaul	0	0	0	0	0	0	0
Bathaili	255	147	1500	835	800	23	6
Bauilia	0	0	0	0	0	0	0
Baura	0	0	0	0	0	0	0
Bazidgachh	125	155	500	250	300	28	5
Beltar	0	0	0	0	0	0	0
Belwa	0	0	0	0	0	0	0
Berho	105	155	500	400	400	3	5
Bhaisdiara	0	0	0	0	0	0	0
Bhandartal	0	0	0	0	0	0	0
Bhangha	0	0	0	0	0	0	0
Bharsia	0	0	0	0	0	0	0
Bhatwara	0	0	0	0	0	0	0
Bhermara	0	0	0	0	0	0	2
Binodpur	0	0	0	0	0	0	0
Bisaria	0	0	0	0	0	0	0
Chandpur	0	0	0	0	0	0	0
Chandwa	0	0	0	0	0	0	0
Chanpi	0	0	0	0	0	0	0
Charkhi	0	0	0	0	0	0	0
Chatar	0	0	0	0	0	0	0

Chhohar	0	0	0	0	0	0	0
Chhotki Chatar	0	0	0	0	0	0	0
Chilhania	103	155	500	400	275	4	5
Chilmara	0	0	0	0	0	0	3
Dalan	0	0	0	0	0	0	0
Dand Khora	0	0	0	0	0	0	0
Dealpur	0	0	0	0	0	0	0
Debipur Kathi	0	0	0	0	0	0	0
Dhanetha	0	0	0	0	0	0	0
Dharmaili	0	0	0	0	0	0	0
Dhuriahi	0	0	0	0	0	0	0
Dighrisalempur	0	0	0	0	0	0	3
Dilarpur	0	0	0	0	0	0	0
Diwandih	0	0	0	0	0	0	0
Dumar	0	0	0	0	0	0	0
Dumaria	0	0	0	0	0	0	0
Dumaria Bishunpur	0	0	0	0	0	0	0
Fatehnagar	0	0	0	0	0	0	0
Genrabari	0	0	0	0	0	0	0
Ghasi Tola	0	0	0	0	0	0	0
Gobindpur	125	155	500	250	400	39	5
Gobindpur	0	0	0	0	0	0	0
Gobrahi Diara	125	123	500	1100	1100	13	5
Gorhipachma	0	0	0	0	0	0	0
Gurgawan	0	0	0	0	0	0	0
Gurmaila	0	0	0	0	0	0	0
Hariharpur	0	0	0	0	0	0	3

Harparshad	0	0	0	0	0	0	0
Harsua	250	155	1000	600	400	9	5
Hathia Ramna	0	0	0	0	0	0	0
Husena	0	0	0	0	0	0	0
Jagbati	0	0	0	0	0	0	0
Jamra	105	155	500	450	375	9	1
Jhula	100	155	500	850	275	3	5
Kabar	0	0	0	0	0	0	0
Kaldehi	130	155	500	350	300	10	5
Kalikapur	0	0	0	0	0	0	0
Kamra	0	0	0	0	0	0	0
Karimullahpur	0	0	0	0	0	0	0
Katakus	0	0	0	0	0	0	0
Katihar	0	0	0	0	0	0	0
Kebala Milik	0	0	0	0	0	0	0
Khaira	0	0	0	0	0	0	0
Khajuria	0	0	0	0	0	0	0
Khiria	0	0	0	0	0	0	3
Khodna	0	0	0	0	0	0	0
Khonta	0	0	0	0	0	0	0
Khuriyal	0	0	0	0	0	0	0
Kishunpur	0	0	0	0	0	0	0
Kumaripur	0	0	0	0	0	0	0
Kumhra	0	0	0	0	0	0	0
Kuraitha	0	0	0	0	0	0	0
Kursail	0	0	0	0	0	0	0
Kusiari	0	0	0	0	0	0	0
Lachhmipur	0	0	0	0	0	0	0

Lachhmipur	0	0	0	0	0	0	0
Lachhmipur	0	0	0	0	0	0	0
Lahsa	0	0	0	0	0	0	5
Lakhanpur	0	0	0	0	0	0	0
Lalia	0	0	0	0	0	0	0
Lohagara	0	0	0	0	0	0	0
Lohni	0	0	0	0	0	0	0
Lutipur	0	0	0	0	0	0	0
Madhaili	0	0	0	0	0	0	0
Madhubani	0	0	0	0	0	0	0
Madhura	0	0	0	0	0	0	0
Mahamdia	0	0	0	0	0	0	0
Maheshpur	0	0	0	0	0	0	0
Maheshwa	0	0	0	0	0	0	0
Mahinagar	130	155	500	300	300	11	5
Mahinathpur	0	0	0	0	0	0	0
Mahna Chandpur	0	0	0	0	0	0	0
Mahuar	0	0	0	0	0	0	0
Maira	0	0	0	0	0	0	0
Majhaili	0	0	0	0	0	0	0
Makaipur	0	0	0	0	0	0	3
Malikpur	250	155	500	300	300	39	4
Mangan patti	0	0	0	0	0	0	0
Mania	0	0	0	0	0	0	3
Marghia	0	0	0	0	0	0	0
Maria	150	155	500	401	300	10	5
Marwa	0	0	0	0	0	0	0
Mathurapur	0	0	0	0	0	0	0

Mehdai	0	0	0	0	0	0	3
Mianpur	0	0	0	0	0	0	0
Mohadipur	0	0	0	0	0	0	0
Mohanpur	0	0	0	0	0	0	3
Mohjan	0	0	0	0	0	0	0
Morangi	0	0	0	0	0	0	0
Morsanda	0	0	0	0	0	0	0

Krishi Kalyan Abhiyan- II

Name of Training Programme	Target	Achievement	Famers Benefitted
Development/Upgradation of Gramin Haats in Convergence with MGNREGA	01	01	01
Organizing awareness campaign for PMFBY	25	609	609
Demostration programmes on Micro irrigation	01	01	01
Demostrations of integrated cropping practice	01	01	01
Distributions of 10 to 20 agriculture implements per village	250	353	353
Training programmes(3 trainings per villages minimum 50 farmers per training)	75	76	4576
Artificial insemination saturation	9900	3726	3726
100% coverage of Sheep and Goat for eradication of PPR	5000	7300	7300
100% coverage of bovine vaccination(FMD) in each village	10000	12900	12900
Making NADEP Pits/Vermicompost in each village	500	625	625
Distribution of Horticulture/Agro Forestry/Bamboo plant @ 100 farmers per villages @ 5 plants per farmer(location appropriate)	12500	6000	6000
Distribution of Mini-kits of pulses and oilseeds	2142	2142	2142
Distribution of Soil Health Cards	3652	3652	3652

Village	Soil Health Cards	Mini Kits	Horticulture/ Agro Forestry / Bamboo plant	NADEP Pits	Bovine vaccination(FMD)	Sheep and Goat for eradication of PPR	Artificial Inseminations	Training Programmes	Agriculture Implements	PMFBY
Bhermara	160	86	0	25	600	400	10	2	5	34
Chilmara	125	85	0	25	600	300	30	3	5	36
Hariharpur	100	85	0	25	450	400	55	3	19	0
Lahsa	100	85	0	25	450	200	2	5	13	2
Makaipur	125	86	0	25	150	200	108	3	5	0
Mehdai	100	86	0	25	300	100	6	3	6	0
Mohanpur	100	86	0	25	600	700	16	3	16	11

Nima	160	85	0	25	450	200	20	3	15	10
Nimaul	200	85	0	25	300	200	6	3	4	0
Pokharia	125	87	600	25	150	200	38	3	6	0
Rautara	220	85	600	25	1200	200	24	3	89	0
Sakraili	200	85	0	25	600	200	12	3	7	103
Sardahi	100	86	0	25	300	100	0	2	5	1
Shivadih	100	86	0	25	150	200	18	3	7	0
Sirsa	100	87	0	25	600	100	78	4	16	9
Sonapur	100	85	0	25	150	300	4	3	2	25
Tapka	100	86	0	25	300	100	0	3	7	121

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

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

CRA programme

A. Physical achievement of CRA programme upto Dec. 2020:

(i) In CRA villages:

S.N.	Intervention	Crop	Varieties	Target (No. of Demo /Area)	Achievement (No. of Demo)	Demo Size (acre)	Area (acre)
1.	Raised Bed Planting (Maize)	Maize	P3388 DEKALB 9081 NK 7720 NK 6702 P3355 DEKALB 9165	350	375	0.5	187
2.	Zero tillage of wheat	Wheat	HD 2967	100	150	1.0	150
3.	Raised Bed of Wheat	Wheat		50			
4	Zero tillage lentil	Lentil	HUL 57	25	25	1.0	25
5.	Raised bed planting Mustard	Mustard	RH 725 RH 749 Pusa Tarak Mustard 5222 Mustard 45S42	35	35	1.0	35
6	Nutrient expert	Wheat		20	20	1.0	20
7	INM	Wheat		20	20	0.5	10
8	Community Irrigation			20	0		
9	Potato based farming system	Potato	Kufri Lauvkar Kufri Sinduri Kufri Chandramukhi	10	10	0.3	3
10	Raised Bed Chickpea	Chick pea	GCP 105	Nil	10	0.3	2.5
Total area (acre)				**630**	**645**		**432.50**

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

S.N.	Intervention	Area (ha)	Variety
1	Zero tillage of wheat	0.30	HD 2967
2	Raised Bed of Wheat	0.30	HD 2967
3	Nutrient Expert	0.20	HD 2967
4	Zero tillage lentil	0.08	HUL-57
5	Zero tillage mustard	0.06	RH-725
6	Raised bed Mustard	0.06	RH-725

Financial progress of CRA (upto Dec 2020)

SN	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
1	450000.00	182068.00	267932.00

B. Planning of Summer-2021

S.N.	Proposed Intervention	Area (acre)
1.	Zero tillage green gram /black gram/ cowpea	250.0
2.	Community irrigation	10.0

C. Planning of exposure visit under CRA Programme (Jan- April, 2021)

(i) Within district : 02-06.02.2021
(ii) Within state : 26-27.02.2021

4. Status of BSDM/RPL training

i. BSDM Vermi-compost producer training

S.N.	Subject	Start date	End date	Remarks
1	Vermi-compost producer	15.02.2020	13.03.2020	Discontinue due to Covid 19 program
		07.01.2021	06.02.2021	Restart

ii. RPL:

Registration Problem (Four support ticket raised by KVK but problem is not solve till now)

5. Cluster Front Line Demonstration (CFLD):

A. Physical and financial progress of Oilseed

Physical progress of Oilseed (April to Dec 2020)

SN	Crop	Variety	Area (ha)	No. of demonstration	Remarks
1	Mustard	Uttara	20.0	50	Crop standing in field

Financial progress of Oilseed (April to Dec 2020)

SN	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
1.	30576.00	57470.00	(-) 26894.00

B. Physical and financial progress of pulses

Physical progress of pulses (April to Dec 2020)

SN	Crop	Variety	Area (ha)	No. of demonstration	Remarks
1	Lentil	HUL 57	10.0	25	Crop standing in field

Financial progress of pulses (April to Dec 2020)

SN	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
1	75600.00	65320.00	(-) 595.00

C. Planning for cluster demonstration for summer:

SN	Crop	Variety	Area (ha)	No. of demonstration	Remarks
1	Green Gram	IPM 02-14	10.0	25	Seed / input procurement plan and farmers identification is going on.
2	Black Gram	IPU 02-43	10.0	25	

6. Biotech Kisan Hub:

a. Physical and financial progress (April to December 2020)

Crop	Total Area	No. of farmers Covered	Variety demonstrated	Village Covered	Financial Achievements (Rs.)		
					Sanctioned (Rs)	Expenditure	Balance (Rs.)
Makhana	25 ha	30	Sabour Makhana - 1	10	466668.00	450986.00	15682.00
Makhana	25 ha	25	Sabour Makhana - 1	08			
Banana	04 ha	10	Tissue culture (G-9)	03	466666.00	244845.00	221821.00
Mushroom	25 Families	25	Oyster mushroom	02	466666.00	60961.00	405705.00
CNC (NR)					**200000.00**	**43478.00**	**156522.00**
Training					**200000.00**	**157884.00**	**42116.00**

b. Action plan for 2021-22

Crop	Total Area	No. of farmers Covered	Variety demonstrated
Banana	04 ha	10	Tissue culture (G-9)
Mushroom	25 Families	25	Oyster mushroom

7. GKMS

Physical achievements:

- No. of Blocks Agromet advisory bulletin published - **15**
- No. of advisory bulletin published - **82**
- Advisory prepared in both languages: **Hindi and English**.
- Farmers awareness programme- **15**
- Extension Functionaries training -**02**
- No. of farmers receiving Agromet advisory bulletin through social media- **8875**
- On line training program through virtual meet : **06**
- Farmer's feedback collection :**125**

Financial achievements:

SN	Head	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
1.	Pay	--	614715.00	(-) 614715.00
2	Contingency	--	3098.00	(-) 3098.00
Total		--	**617813.00**	**(-) 617813.00**

8. Makhana Development Scheme:

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

S.N.	No of Farmers	Area (Acre)	quantities of seed (kg)
1.	50	50	600 kg

Financial achievements:

SN	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
1.	50000.00	10820.00	39180.00

9. Participatory Seed Production Programme (Linseed):

Sl. No	Crop	No./Area (ha.)	Season	Variety	Beneficiaries
1	Linseed	4 ha	Rabi	SabourTisi -1	10

10. Tribal Sub Plan (TSP) :

S.N.	Activities	Participants
1	Training	247
2	FLD (Wheat, Bio-fertilizers, Vegetables, Mushroom)	95

Financial achievements:

SN	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
1	515000.00	97985.00	417015.00

11. Seed and planting material

Crop	Variety	Quantity of seed and planting material (q/ No.)
Paddy	Sabour Shree	71
Planting Materials	Chilli, Capsicum, Brinjal, Brokali	15000

Garib Kalyan Rojgar Abhiyan (GKRA).

S.N.	Date	Village	Block	Topic	No. Of Participants
1	02-04/07/2020	Anarkali	Barari	Vegetable Production	35
2	06-08/07/2020	Mujwartal	Manihari	Vermicompost Production	35
3	13-15/07/2020	Nima	Manihari	Entrepreneurship development through Goatry	35
4	04-6/08/2020	Fhulhara	Katihar	Integrated Farming System	35
5	07-9/08/2020	HarkhaTola	Hasanganj	Vermicompost Production	35
6	12-14/08/2020	Musapur	Korha	Vegetable Production	35
7	17-19/08/2020	Bhelai	Dandkhora	Entrepreneurship development through Beekeeping	35
8	21-24/08/2020	Lahsa	Mansahi	Integrated Farming System	35
9	25-27/08/2020	Mohanpur	Mansahi	Entrepreneurship development through Goatry	35
10	28-31/08/2020	BaruaTola	Dandkhora	Soil Testing Techniques	35
11	01-03/09/2020	Jillahari Rampur	Pranpur	Vegetable Production	35
12	04-07/09/2020	Sikkat	Barari	Integrated Farming System	35
13	8-10/09/2020	Jaynagar	Mansahi	Entrepreneurship development through Goatry	35

14	11-14/09/2020	Dandkhora	Dandkhora	Vermicompost Production	35
15	15-17/09/2020	Chaumukha	Pranpur	Vegetable Production	35
16	18-20/09/2020	Sirsa	Katihar	Integrated Farming System	35
Total participants				**560**	
Total Training programme organized				**16**	

World Environment Day:

Date	Place	Plants planted
05/06/2020	KVK, Katihar	36

Bihar Prithwi Diwas:

Date	Place	Plants planted
09/08/2020	KVK, Katihar	33

National Nutrition Month:

Date	Place	Total No. Participants	Subject
12.09.2020	Dandkhora, Katihar	90	Balanced Diet, Importance of Drumsticks, Drumstick Leaves and Other Leafy Vegetables, Measures to Combat against Anemia, Malnutrition and under nutrition, Mushroom cultivation
17.09.2020	KVK, Campus	91	
21.09.2020	KVK, Campus	59	
25.09.2020	KVK, Campus	50	
28.09.2020	Sirsa, Katihar	53	
29.09.2020	Chilmara, Katihar	56	

Celebration of 151th Birth day of Mahatma Gandhi:

Date	Place	Plants planted
02.10.2020	KVK, Katihar	24

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

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