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KRISHI VIGYAN KENDRA

AGWANPUR, SAHARSA

ANNUAL PROGRESS REPORT

(January to December, 2021)

BIHAR AGRICULTURAL UNIVERSITY

SABOUR, BHAGALPUR, (BIHAR)

CONTENTS

ANNUAL REPORT 2021 (Jan. to Dec. 2021)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
KVK, Agwanpur, Saharsa	Office	FAX	saharsakvk@gmail.com
(Bihar)	9430613389		

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

Address	Telephone		E mail
	Office	FAX	
Bihar Agriculture University, Sabour, Bhagalpur	06412452606		deebausabour@gmail.com

1.3. Name of the Programme Coordinator with phone & mobile No.

Name	Telephone / Contact		
Dr. K. M. Singh	Residence: Saharsa	Mobile: 09430613389	Email: saharsakvk@gmail.com

1.4. Year of sanction of KVK:
ICAR Sanction order F.No. 21/100/84 dated 14th March 1984

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1.5. Staff Position (as on 1st Jan., 2022)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present level	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
1	Senior Scientist & Head	Dr. K.M. Singh	Senior Scientist & Head	Agronomy	147900, Level 13 (A)	24.04.2012	Permanent	General
2	Subject Matter Specialist	Er. Vimlesh Kumar Pandey	SMS	Agricultural Engineering	89800, Level 10	10.07.2007	Permanent	General
3	Subject Matter Specialist	Dr. Suneeta Paswan	SMS	Home Science	79800, Level 10	22.06.2009	Permanent	SC
4	Subject Matter Specialist	Md. Nadeem Akhtar	SMS	Plant Protection	67000, Level 10	17-10-2015	Permanent	General
5	Subject Matter Specialist	Mr.Anand Chaudhary	SMS	Plant Breeding &Genetics	67000, Level 10	21-10-2015	Permanent	ST
6	Subject Matter Specialist	Dr. Pankaj Kumar Ray	SMS	Horticulture	67000, Level 10	05-01-2015	Permanent	General
7	Subject Matter Specialist	Vaccant	SMS	-	-	-	-	-
8	Programme Assistant (Lab. Tech.)	Sri Ravi Ranjan Kumar	Programme Assistant (Lab. Tec.)	Agriculture	46200, Level 06	17.11.2012	Permanent	OBC
9	Computer Programmer	Mr. Ashwani Kumar	Programme Assistant (Computer)	Information Technology	44900, Level 06	21-05-2013	Permanent	OBC
10	Farm Manager	Vacant	Farm Manager	-	-	-	-	-
11	Accountant / Superintendent	Mr. Mahendra Narayan Singh	Assistant	MBA (Finance)	44900, Level 06	08-04-2013	Permanent	OBC
12	Stenographer	Mr. Mithilesh Kumar Mandal	Stenographer	-	32300, Level 04	15-06-2013	Permanent	OBC
13.	Driver	Mr. Rajeev Bhagat	Driver	-	26800, Level 03	20.05.2015	Permanent	OBC
14.	Driver	Mr. Dilip Kr. Dinkar	Driver	-	26800, Level 03	28.05.2015	Permanent	OBC
15.	Supporting Staff	Vacant	-	-	-	-	-	-
16.	Supporting staff	Mr. Lalo Thakur	Supporting staff	-	37200, 26800, Level 02	22.09.1990	Permanent	OBC

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.50
2.	Under Demonstration Units	2.50
3.	Under Crops	11.00
4.	Orchard/Agro-forestry	2.00
5.	Others with details water logged,road nala etc	3.00
	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					Yes		Under Use	ICAR
2.	Farmers Hostel					Yes		Under Use	ICAR
3.	Staff Quarters (2)					02 (suppt)		No	ICAR
4.	Piggery unit	✓							
5	Fencing	✓							
6	Rain Water harvesting structure	✓							
7	Threshing floor					Yes		Under Use	ICAR
8	Farm godown					Yes		Under Use	ICAR
9.	Dairy unit	✓							
10.	Poultry unit	✓							
11.	Goatary unit	✓							
12.	Mushroom Lab	✓							
13.	Mushroom production unit					Yes		Under Use	
14.	Shade house	✓							
15.	Soil test Lab					Yes		Under Use	ICAR
16	Others, Please Specify								

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

❖B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	2018	800000/-	94415	Good
Tractor	2010	550000/-	360hr. (2021)	Good
Tractor	2021	943692/-	20 hrs	Goood
Motorcycle (No.-02)	2016	1,20000/-	BR 19H 1220-13167 KM BR 19H 1221-9201KM	Good

C) Equipment & AV aids

Name of equipment	**Year of purchase**	**Cost (Rs.)**	**Present status**	**Source of fund**
a. Lab equipment				
Mini Soil Test Kit (2 Unit)	2018	120000	Good	ICAR
b. Farm machinery				
Tractor	2010	491473	Good	ICAR
5 HP Crompton Motor	2015	17619	Good	ICAR
c. AV Aids				
LCD Projector with accessories	2009	98418.00	Good	ICAR
Digital camera with accessories	2009	25000.00	Good	ICAR
Sony LCD Projector with acces	2016	52,000	Good	RKVY
Ahuja Sound System	2016	30,165	Good	ICAR
Canon Camera	2016	29,600	Good	RKVY
Sony Video Camera	2016	82,871	Good	RKVY
Penasonic LED TV(50")	2016	72,000	Good	RKVY
Penasonic LED TV (32")	2016	27,200	Good	RKVY
Desktop Dell + Laptop	2016	82,583	Good	RKVY
Desktop HP	2016	38,800	Good	ICAR
Laptop	2014	41,900	Good	RKVY
GPS	2016	20,000	Good	ICAR
Laptop HP	2016	-	Good	RKVY
Xerox Machine	2016	52142	Good	RKVY

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Electronic Balance	2011	8200.00	Good	ICAR
Cultivator	2012		Good	RAU
Rotavator	2011		Good	RAU
Multi crop Thresher	2012		Good	RAU
Diesel Pumping set			Good	
Zero tillage			Good	
National ZTT	2020	65000	Good	BAU
Seed Processing Machine			Non- functional	BAU
Multicrop Planter	2021	88019	Good	CRA Programme
Raised bed planter	2021	99000	Good	
Laser land Laveller	2021	305000	Good	
Self Propelled Reaper	2021	124804	Good	
Weeder & Ridger	2021	50411	Good	
Paddy Thresher	2021	156000	Good	
Rice wheat seeder	2021	10000	Good	
Combined Harvester	2021	2147795	Good	
Tractor Mounted Sprayer	2021	193520	Good	
Multicrop raised bed planter	2021	127000	Good	
National ZTT	2021	70500	Good	
Tractor trolley	2021	151846	Good	
Tractor	2021	943691	Good	

1.8. A). Details SAC meeting conducted in the year

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	18-06-2021	34	Formation of farmers group for Development of micro-irrigation system in CRA programme of KVK	The demonstration of MIS in CRA village is under progress of establishment by consulting DAO, Saharsa	
			Utilization of all machines of CRA Programme for farmers	Farmers of CRA village are utilizing different machines under CRA	
			Demonstration of newly released varieties of BAU, Sabour	The important varieties of Rice (Sabour shree/ S. Sampann), Wheat (Sabour Shrestha) Linseed (S. Tisi 1), Makhana (S. Makhana 1) are demonstrated in different farmers plots of CRA and KVK programmes.	
			Monthly review meeting of KVK by Head of KVK	It is regularly done monthly and proceeding are made for implementation for action	
			Communication between line department for Ext. functionaries training programme	KVK has organized 26 no. of Ext. functionaries training/ Farmers scientist interaction/Kisan gosthi/Kharif & Rabi karmshala/Exposure visit with DAO, Plant prot. and ATMA,Saharsa	
			Invitation of extension functionaries in conducting field day by KVK	KVK is inviting the Kisan Salahakar/other functionaries in field day/ crop cutting programme of KVK	
			Initation of graft/gooting in fruit plants by KVK through the BAU Sabour vendor	This is to be undertaken in due time	
			Demonstration of Biofortified varieties in district	Biofortified varieties of wheat have been demonstrated during Rabi 2021-22 on farmers field	
			Documentation of success stories for doubling farers income	KVK has documented 110 No. of Success stories on doubling farers income	
			Incorporating of new benificieries in different programme of KVK	This is being done to contact and incorporate with new farmers in different programme of kvk .	

कृषि विज्ञान केन्द्र, अगवानपुर, सहरसा

(बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर)
e-mail : saharsakvk@gmail.com, Contact No. 9430613389

वैज्ञानिक सलाहकार समिति की 16वीं बैठक (दिनांक 18.06.2021) की कार्यवाही प्रतिवेदन

आज दिनांक 18.06.2021 को कृषि विज्ञान केन्द्र, अगवानपुर, सहरसा की 16वीं वैज्ञानिक सलाहकार समिति की बैठक का आयोजन मंडन भारती कृषि महाविद्यालय, अगवानपुर, सहरसा के सभागार में डॉ॰ अंजनी कुमार निदेशक, अटारी, पटना, डॉ॰ आर॰ एन॰ सिंह, सह निदेशक प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर, डॉ॰ उमेश सिंह, सह अधिष्ठाता–सह प्राचार्य मंडन भारती कृषि महाविद्यालय, अगवानपुर, सहरसा, डॉ॰ के॰ एम॰ सिंह, वरीय वैज्ञानिक एवं प्रधान, कृषि विज्ञान केन्द्र, सहरसा एवं जिले के पदाधिकारीगण की गरीमामय उपस्थिति में आयोजित की गई। केन्द्र के वरीय वैज्ञानिक एवं प्रधान डॉ॰ के॰ एम॰ सिंह द्वारा आगंतुक सदस्यों का स्वागत कर विगत बैठक (08.09.2020) की अनुपालन प्रतिवेदन, केन्द्र की प्रगतिवेदन (2020–21) एवं कार्ययोजना (2021–22) प्रस्तुत किया गया। गहन विचार विर्मश के उपरान्त निम्नलिखित दिशा निदेश एवं सुझाव अनुपालन हेतु पारित किये गए।

1. जलवायु अनुकूल कृषि कार्यक्रम के तहत 15–20 किसानों के समूह में सूक्ष्म सिंचाई प्रणाली विकसित किया जाय।
   क्रियान्वयन : सी॰ आर॰ ए॰ संबंधित वैज्ञानिकगण
2. बिहार कृषि विश्वविद्याय, सबौर द्वारा विकसित नवीनतम फसलों के प्रभेदों का केन्द्र के विभिन्न कार्यक्रमों में प्रयोग का विस्तृत ब्यौरा उपलब्ध कराया जाय।
   क्रियान्वयन : संबंधित विषय वस्तु विशेषज्ञ
3. जलवायु अनुकूल में कार्यक्रम में प्राप्त कृषि मशीनों का विवेकपूर्ण एवं अधिकतम उपयोग किसानों के हित में किया जाय।
   क्रियान्वयन : सी॰ आर॰ ए॰ संबंधित वैज्ञानिकगण
4. महीना में एक दिन केन्द्र के कार्यों की मासिक समीक्षा बैठक वरीय वैज्ञानिक एवं प्रधान के द्वारा करना सुनिश्चत किया जाय तथा इसकी सूचना नियंत्री पदाधिकारी को भी दिया जाय।
   क्रियान्वयन : वरीय वैज्ञानिक एवं प्रधान
5. प्रसार कर्मियों के प्रशिक्षण हेतु जिला के विभिन्न विभागों एवं जिविका कार्यालय से संवाद स्थापित किया जाय
   क्रियान्वयन : वरीय वैज्ञानिक एवं प्रधान
6. केन्द्र के द्वारा आयोजित प्रक्षेत्र दिवस कार्यक्रम में कृषि से संबंधित विभागों एवं आत्मा के प्रसार कर्मि को आमंत्रित किया जाय।
   क्रियान्वयन : संबंधित विषय वस्तु विशेषज्ञ
7. फलदार वृक्षों के गुटी तैयार करने हेतु बिहार कृषि विश्वविद्याय, सबौर द्वारा नियोजित अभिकर्ता से संर्पक स्थापित कर गुटी बनाने की प्रक्रिया शुरू किया जाय।
   क्रियान्वयन : विषय वस्तु विशेषज्ञ (उद्यान)
8. केन्द्र के अग्रिम पंक्ति प्रत्यक्षण कार्यक्रम में धान, गेहूँ एवं मक्का को छोड़कर जैव मिश्रित किस्मों के प्रभेदों को आगे बढ़ाना चाहिए।
   क्रियान्वयन : विषय वस्तु विशेषज्ञ (PBG)
9. इंडिया 75 कार्यक्रम के तहत विभिन्न प्रशिक्षण कार्यक्रम का आयोजन किया जाना चाहिए तथा 10 जुलाई के पूर्व 110 किसानों के सफलता के कहानी का निर्माण कराया जाय।
   क्रियान्वयन : सभी विषय वस्तु विशेषज्ञ
10. केन्द्र के सभी प्रकार के कार्यक्रमों में नये कृषक लाभार्थियों को शामिल किया जाना चाहिए।
    क्रियान्वयन : सभी विषय वस्तु विशेषज्ञ

अंत में अध्यक्षक की अनुमति से धन्यवाद ज्ञापन कर इस बैठक को समाप्त किया गया।

18/08/21

उपस्थित सदस्यों की सूची

1. डॉ॰ अंजनी कुमार, निदेशक, कृषि तकनीक अनुप्रयोग अनुसंधान संस्थान (जोन–IV), पटना
2. डॉ॰ आर॰ एन॰ सिंह, सह निदेशक प्रसार शिक्षा, बि॰कृ॰वि॰, सबौर, भागलपुर
3. डॉ॰ उमेश सिंह, प्राचार्य, सह क्षेत्रीय समन्वयक मंडन भारती कृषि महा॰, सहरसा
4. डॉ॰ के॰ एम॰ सिंह, वरीय वैज्ञानिक एवं प्रधान,कृषि विज्ञान केन्द्र, अगवानपुर, सहरसा
5. जय किसन कुमार, उप निदेशक, (पौधा संरक्षण), सहरसा
6. श्री राहुल कुमार, सहायक निदेशक (पौधा संरक्षण), सहरसा
7. श्री शिवेश कुमार, परियोजना निदेशक, आत्मा, सहरसा
8. राहुल रंजन, सहायक निदेशक, उद्यान, सहरसा
9. अनुप कुमार सिंह, सहायक प्रबंधक, SBI, अगवानपुर
10. आशिश कुमार, प्रबंधक (जीविका), सहरसा
11. सुमन सौरभ YP (जीविका), सहरसा
12. ई॰ विमलेश कुमार पाण्डेय, वि॰व॰वि॰ (कृषि अभियंत्रण) कृषि विज्ञान केन्द्र, सहरसा
13. डॉ॰ सुनीता पासवान, वि॰व॰वि॰ (गृह विज्ञान) कृषि विज्ञान केन्द्र, सहरसा
14. मो॰ नदीम अख्तर, वि॰व॰वि॰ (पौधा रोग) कृषि विज्ञान केन्द्र, सहरसा
15. श्री आनंद चौधरी, वि॰व॰वि॰ (पौध प्रजनन एवं अनुवांशिकी) कृषि विज्ञान केन्द्र, सहरसा
16. डॉ॰ पंकज कुमार राय, वि॰व॰वि॰ (उद्यान) कृषि विज्ञान केन्द्र, सहरसा
17. श्री रवि रंजन कुमार, कार्यक्रम सहायक, प्रयोगशाला
18. श्री महेन्द्र नारायाण सिंह, सहायक, कृषि विज्ञान केन्द्र, सहरसा
19. श्री अश्वनी कुमार, कार्यक्रम सहायक (कम्प्यूटर) कृषि विज्ञान केन्द्र, सहरसा
20. श्री मिथिलेश कुमार मंडल, स्टेनोग्राफर, कृषि विज्ञान केन्द्र, सहरसा
21. आनंद कुमार, विद्युत कर्मी, मंडन भारती कृषि महा॰, सहरसा
22. श्री राजीव कुमार भगत, चालक, कृषि विज्ञान केन्द्र, सहरसा
23. श्री दिलीप कुमार दिनकर, चालक, कृषि विज्ञान केन्द्र, सहरसा
24. श्री लालो ठाकुर, सहायक कर्मचारी, कृषि विज्ञान केन्द्र, सहरसा
25. नवीन कुमार देव, कृषक सदस्य
26. सुरुरि सिंह, कृषक सदस्य
27. अजय कुमार सिंह, कृषक सदस्य
28. अग्नी देव यादव, कृषक सदस्य
29. चेतन आनंद, कृषक सदस्य
30. मो॰ अफाक, कृषक सदस्य
31. श्रीमती शशि देवी, कृषक सदस्य, बिहरा
32. अरूण कुमार सिंह, कृषक सदस्य, नौहट्टा
33. मो॰ आमीर, कृषक सदस्य
34. राजिब रंजन, कृषक सदस्य

ज्ञापांक : XVIII/.93...../कृ॰वि॰के॰, सहरसा दिनांक : **23 / 06 / 2021**

प्रतिलिपि :– सभी विषय वस्तु विशेषज्ञ, अगवानपुर, सहरसा, संबंधित पदाधिकारीगण को सूचनार्थ एवं आवश्यक कार्यार्थ प्रेषित।

वरीय वैज्ञानिक एवं प्रधान
कृ॰वि॰के॰, सहरसा

ज्ञापांक : XVIII/.....93...../कृ॰वि॰के॰, सहरसा दिनांक : **23 / 06 / 2021**

प्रतिलिपि :– प्राचार्य सह क्षेत्रीय समन्वयक मंडन भारती कृषि महा॰, सहरसा/सह निदेशक प्रसार शिक्षा, बि॰कृ॰वि॰, सबौर, भागलपुर/निदेशक, कृषि तकनीक अनुप्रयोग अनुसंधान संस्थान (जोन–IV), पटना को सूचनार्थ एवं आवश्यक कार्यार्थ प्रेषित।

वरीय वैज्ञानिक एवं प्रधान
कृ॰वि॰के॰, सहरसा

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

2. a District level data on agriculture, livestock and farming situation (2021-22)

Sl. no.	Item	Information
1	Major Farming system/enterprise	Paddy- Wheat Paddy- Pulses (Lentil) Paddy- Oil seeds (Linseed/ Mustard/ Rai) Paddy- Potato- Green Gram Paddy- Wheat- Green Gram Fallow- Maize Fallow- Tomato Okra- Other Green Vegetables Makhana cultivation (in ponds/field condition)
2	Agro-climatic Zone (Agro Ecological Zone O8Cd/Cm 6)	Zone II of Bihar: North Bihar having hot moist sub humid climate with medium to high available water capacity, with average annual rainfall 1305 mm & length of growing period 180 to 210 days in a year
3	Agro ecological situation	Eastern plains situated under the foot hills of central Himalayas comprising piedmont plain where SMCS does not get dry for as long as 90 or more days in a year. The mean annual soil temperature is more than 22^0 C i.e. hyperthermia soil temperature regime
4	Soil type	Loam to silt Loam (Upland plain): 52884 ha Deep water logged area: 45827 ha. Clay loam to loam (mid upland to low land): 25320 ha. Sandy clay to sandy loam (within the Koshi embankments): 41094 ha.
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Cereals: Paddy- 38 q/ ha Wheat- 31 q/ ha Maize- 67.3 q/ ha Pluses: Lentil- 11 q/ ha Green Gram- 8.5 q/ ha Oilseeds: Linseed- 6.2 q/ ha Rai/ Mustard- 11.3 q/ ha Vegetables: Potato- 239 q/ ha Tomato- 185 q/ ha Fruits: Mango- 202 q/ ha
6	Mean yearly temperature, rainfall, humidity of the district	Temperature: Max. 33.8^0C, Min. 8.8^0C Mean yearly rainfall: 1305 mm Avg. relative humidity:
7	Production of major livestock products like milk, egg, meat etc.	Milk: 178752410 Kilogram Egg: 18 lakh annually

2. (b) Details of operational area / villages (2021)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1		Nauhatta	Dharampur	Paddy, Wheat, vegetable, Mango orchard	1) Low productivity of crops due to cultivation practice of old varieties, problem of weeds, imbalance use of fertilizer , injudicious irrigation water application. 2) pest and disease incidence 3) Loss of raw farm produces due to improper post harvest management 4)Lack of knowledge /skill for scientific agril technology 5)Poor income from agril/allied sector 6) Lack of improved agril implements & tool	Productivity enhancement of field crops, vegetables and fruit plants. INM and IPM practices in crops and cropping system for sustainable agriculture. Popularization of quality seed production. Productivity Application of post harvest technology & value addition Income generation activities through mushroom production vermi-composting and preservation of fruits and vegetables etc Farm mechanization in Agriculture.. Capacity Building Prog
2		Sattarkataiya	Padampur	Paddy, Wheat, moong		
3		Kahra	Naulakha	Paddy, Wheat, vegetable, Mango orchard		
4		Sourbazar	Sakhua	Paddy, Wheat, Rapeseed, Linseed, Lentil, tomato		
5		Sattarkataiya	Purikh	Paddy, Wheat, Lentil, Rai, Pea, Linseed Green Gram, Maize		
6		Sourbazar	Kamp	Wheat, Lentil, Rape seed		
7		Sonbarsha	Jalseema	Banana		
8.		Sourbazar	Rauta	Rice-Wheat		
9.		Patarghat	Bishanpur	Rice-Wheat-Green Gram		
10.		Sourbazar	Dhamsena	Rice-Wheat-Green Gram		
11		Nauhatta	Baligaon chtra	Rice-Wheat-Green Gram		
12.		Kahra	Tulsiyahi	Rice-Wheat Makhana		
13		Simri Bakhtiyarpur	Sardiha	Nutri Garden, Mushroom	Lack of income generation activities Poor health in women and child/Malnutrition	Income generation activities Nutritional gardening Women empowerment
14		Sour Bazar	Baijnathpur	Nutri Garden, Mushroom		

2. (c) Details of village adoption programme:
Name of the villages adopted by PC and SMS in 2021 for its development and action plan

Name of village	**Block**	**Action taken for development**
Sihaul	Sattarkataiya	• Training programmes and extn. activities. • Front line demonstration • Kisan Chaupal/Kissan gosthi • On FarmTrial
Bangaon Purwi	Kahra	
Baligao Chatra	Nauhatta	
Sahidih	Nauhatta	
Makuna	Sattarkataiya	
Baijnathpur	Sourbazar	

2.1 Priority thrust areas

S. No.	Thrust area
1	INM and IPM practices in crops and cropping system for sustainable agriculture.
2	Productivity enhancement of field crops, vegetables and fruit plants.
3	Popularization of quality seed production.
4	Income generation activities through mushroom production vermi-composting and preservation of fruits and vegetables etc.
5.	Farm mechanization in Agriculture.
6.	Farm women empowerment.

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievement of mandatory activities by KVK during 2021

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
15	15	119	8	13	0	0	91	7	99	20	119	11	11	141	61	29	5	20	129	29	195	79	274

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
175	248	8500	3125	1409	1	29	4181	1014	7307	2452	9759	2500	3123	2000	827	323	113	98	1561	6050	1655	6471	23022

																		7		7		8

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
8500	9759	402	201	0	0	937	253	1339	454	1793	2500	3123	423	157	51	42	7985	3025	8459	3224	11683

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
500	496	0.06	0.05
Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
-	-	0.003	0.003

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	09	-					
Seminar/conference/ symposia papers	06	-					
Books	04	500					
Bulletins	0						
News letter	04	3000					
Popular Articles	04	3000					
Book Chapter	13	-					
Extension Pamphlets/ literature	06	500					
Technical reports	04	20					
Electronic Publication (CD/DVD etc)							
TOTAL							

3.1 Achievements on technologies assessed and refined

OFT 1: (Agronomy) 2020-21

1.	Title of On farm Trial	Productivity enhancement of Lentl in rainfed condition of koshi region
2.	Problem diagnosed	Farmers generally go for sole cropping of lentil under rainfed condition in koshi region. The koshi regions are frequently subjected to drought and flood condition. Lentil is grown under low fertility and poor management condition resulting low yield of crop
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice: Local variety with NP 0 kg/ha TO-I: Improved variety (HUL 57) +RDF20:40.:20+Biofertiliser (Rhizobium culture, PSB) TO-II: Improved variety (HUL 57) + RDF+ Biofertiliser (Rhizobium culture, PSB)+ Boron 1 kg a I /ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU,Sabour /BHU, Varanasi
5.	Production system and thematic area	Rice-Pulses Integrated crop management
6.	Performance of the Technology with performance indicators	Technological observations : i. Yield (q/ha) ii. Yield attributing characters. iii. Soil analysis (Soil Health status before and after) iv. Economic indicators : v. Cost of cultivation vi. Net return vii. B:C Ratio
7.	Final recommendation for micro level situation	The technology of Improved variety(HUL 57)+ RDF+ Biofertiliser (Rhizobium culture, PSB)+ Boron 1 kg a i/ha enhanced the productivity of lentil from the farmers level of 6.50 q/ha to the tune of 11.50 q/ha.
8.	Constraints identified and feedback for research	Light textured soil
9.	Process of farmers participation and their reaction	Through training and trial demonstration

Table: Effect of HYV and Nutrient Management on Yield and economics of Lentil

Technology options	**Plants/ m^2**	**Branches / Plant**	**pods /plant**	**seed/ pod**	**1000 seed weight (g)**	**Grain yield (q/ha)**	**Cost of cultivation (Rs./ha)**	**Gross return (Rs./ha)**	**Net return (Rs./ha)**	**B:C ratio**
Farmers Practice	30.2	4.0	28.0	1.0	18.50	6.50	17000	32500	15500	1.91
T.O.-I	35.6	7.3	38.4	1.3	19.00	9.20	18750	46000	27250	2.45
T.O.-II	42.5	8.2	47.0	1.4	19.60	11.50	19500	57500	38000	2.94

Result: *The On Farm trial conducted on 07 no. Of farmers field revealed that the technology of Improved variety (HUL 57)+ RDF+ Biofertiliser (Rhizobium culture, PSB)+ Boron 1 kg a i/ha enhanced the productivity of lentil from the farmers level of 6.50 q/ha to the tune of 11.50 q/ha. This could be achieved with better expression of yield contributing factors (Branches/ Plant,Pod/ Plant, Seed/ Pod,1000-seed wt.) towards balanced nutrition of plants .The economics of study also gave higher net return(Rs 38000/-) and b:c ratio(2.94) under the technology option of Improved variety(HUL 57)+ RDF+ Biofertiliser (Rhizobium culture, PSB)+ Boron 1 kg a i/ha. The application of Biofertilizer (Rhizobium culture & PSB (Rhizobium culture & PSB) have also been found to give higher grain yield of lentil (9.2q/ha) in comparison to farmers practice (6.5q/ha)*

OFT 2: (Agronomy)

1.	Title of On farm Trial	Productivity enhancement in Rice –Wheat cropping system
2.	Problem diagnosed	Farmers generally realize low productivity of Rice –Wheat cropping system due to inadequate nutrient and crop geometry management coupled with poor fertility status of soil
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	1.Farmers practice : Unbalanced Nutrient and irregular plant popln 2.TO-I :100% NPK/ha +100% Plant Density(R-W) followed by GM 3.TO-II :FYM+125% NPK/ha+ 125% Plant Density(R-W) followed by GM TO-III :FYM+150% NP K/ha+ 150% Plant Density(R-W)followed byGM Rice Fert :80: 40:20 kg NPK/ha Spacing :20*15 cm FYM: 10 t/ha Wheat Fert : 120:60:40 kg NPK/ha Seed rate : 20 cm
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CSR, Modipuram
5.	Production system and thematic area	Rice-Wheat Integrated Crop Management
6.	Performance of the Technology with performance indicators	**Technological observations :** • Equivalent Yield (q/ha) • Yield attributing characters. • Soil analysis (Soil Health status before and after) **Economic indicators :** • Cost of cultivation, Net return,B:C Ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	Light textured soil
9.	Process of farmers participation and their reaction	Through training and trial demonstration

Result: Awaited

OFT 3: (Agronomy)

1.	Title of On farm Trial	Assessment of Weed Management Practices in Summer green gram
2.	Problem diagnosed	Farmers generally realize low yield of green gram in summer season particularly Physallis minima (Vanmakoi),Smell mellon (Ghurmi)
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice : Control TO-I : Spray of Pendimethalin 30EC(PE) @ 1kg ai/ha at 0-3 DAS TO-II : Hand weeding(10DAS)+ Imazethaper (PoE) 40g ai./ha at 25-30 DAS. TO-III :Spray of Pendimethalin 30EC(PE) @ 1kg ai/ha at 0-3 DAS + Imazethaper (PoE) 40g ai./ha at 20-25 DAS.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU,Sabour
5.	Production system and thematic area	Rice-Wheat-Green Gram Integrated weed Management
6.	Performance of the Technology with performance indicators	**Technological observations :** • Yield (q/ha) • Yield attributing characters. • Weed count and dry wt.WCE(%) • Soil analysis (Soil Health status before and after) **Economic indicators :** • Cost of cultivation Net return B:C Ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	Light textured soil
9.	Process of farmers participation and their reaction	Through training and trial demonstration

Table: Effect of weed management practices on yield and economics of summer green gram

Technology option	No. of trials	yield (q/ha)	% increase in yield	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	B:C ratio
FP	10	5.0	-	14500	25000	11000	1.72
TO I		5.8	16	15500	29000	14500	1.87
TO II		6.5	20	19500	32500	13000	1.66
TO III		7.25	45	17500	36250	18750	2.07
CD 5%		1.08					

Result:

The onfarm trial conducted on farmers field during summer 2021 to assess of weed management Practices in summer green gram revealed that the combined application of Spray of Pendimethalin 30EC(PE) @ 1kg ai/ha at 0-3 DAS + Imazethaper (PoE) 40g ai./ha at 20-25 DAS recorded higher grain yield (7.25q/ha) with B:C ratio 2.07 in comperision to the farmers practice (5.0 q/ha., 1.72) which was on par with practice of Hand weeding(10DAS)+ Imazethaper (PoE) 40g ai./ha at 25-30 DAS. On the economic analysis of data the chemical control practices pre and post application was found superior in controlling weeds and improving yield and B:C ratio under present investigation.

OFT4: (Agril. Engg.) Summer 2021

1.	Title of On farm Trial	Assessment of sowing methodologies against growth of weeds in summer green gram cultivation
2.	Problem diagnosed	Cultivation of green gram in Koshi Region suffers due to growth of various types of weeds during its cultivation period, resulted into reduction of yield
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Broad casting of seeds @ 30 kg/ha after field preparation with two to three tillage operations and planking Technology option-I (TO-I): sowing by seed cum fertilizer drill with no till mode Technology option-II (TO-II): sowing by dibbling at 30 X 10cm spacing
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Pulse Research Station, Sardar Krushinagar (Gujrat) IARI, Pusa New Delhi
5.	Production system and thematic area	Rice-wheat- green gram / rice- oilseed- green gram Weed Management
6.	Performance of the Technology with performance indicators	i. Weed population (No./sq. m) ii. Field capacity (ha/hr) iii. No. of branch/ plant iv. No. of pods/ plant v. No. of grains/ pods vi. Yield (q/ha) vii. Cost of Cultivation (Rs/ha) viii. Gross return (Rs/ha) ix. Net Return (Rs/ha) x. B: C Ratio
7.	Final recommendation for micro level situation	Sowing of green gram with drilling method is the most economical in the region.
8.	Constraints identified and feedback for research	It was observed very tough to convince farmers to apply a diblur for sowing of green gram
9.	Process of farmers participation and their reaction	Through training and trial demonstration

Table: Effect of sowing methodologies on weed characteristics, yield and economics of green gram

Tech. Option	**Weed Population (No./sq.m)**	**Field Capacity (ha./hr)**	No. of branch/ plant	No. of pods/ plant	No. of grains/ pods	Yield (q/ha)	Cost of Cultivation (Rs/ha)	Gross return (Rs/ha	Net Return (Rs/ha)	BC Ratio
FP	9.2	0.36	5.2	11.2	10.34	6.6	23750	46200	22450	1.95
T.O. I	3.4	0.27	5.9	13.6	10.96	8.2	18830	57400	38570	3.05
T.O. II	2.6	0.14	5.8	13.4	10.92	7.9	23740	55300	31560	2.32
SE m^{+}-	0.9521	0.6521	0.1312	0.0183	0.0482	0.8421				
CD	0.4945	1.7541	0.3516	0.0520	0.1306	2.2821				

Result: *The result revealed that 25.8 per cent significant increase in yield with application of a seed cum ferti drill in no till mode as compare to farmers practice is found most suitable crop establishment practice in cultivation of green gram. Although the weed population is found significantly less with sowing method with dibbling. Thus, sowing by application of seed cum ferti drill with no till mode may be the best option for controlling the weed growth in cultivation of green gram in the locality.*

OFT 5 : (Agril. Engg.) Kharif 2021

1.	Title of On farm Trial	Assessment of performance of different DSR implements in cultivation of Kharif paddy cultivation
2.	Problem diagnosed	Transplanting method in paddy cultivation is costly affair and labour and time consuming resulted into low benefit cost ratio.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : Transplanting of paddy seedlings TOI : Application of DSR Technology with a paddy drum seeder in wet field condition TO II: Application of DSR Technology with a paddy –wheat seeder in dry field condition.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CRRI, Cuttack & CAE, Pusa (Bihar)
5.	Production system and thematic area	Paddy-Wheat Application of small tools/ implements
6.	Performance of the Technology with performance indicators	i. Field Capacity ii. Number of effective tillers per hill iii. No of grains per panicles iv. 100 grain weight (g) v. Yield (q/ha) vi. Cost of cultivation (Rs./ha.) vii. Gross Return (Rs./ha.) viii. Net return (Rs./ha.) ix. B:C ratio
7.	Final recommendation for micro level situation	Application of paddy drum seeder may be the best option for DSR in Kharif season
8.	Constraints identified and feedback for research	In the beginning of the trial farmers are not comfortable to apply paddy drum seeder in wet condition
9.	Process of farmers participation and their reaction	Through training and trial demonstration

Table: Effect of DSR implements in cultivation of Kharif paddy

Tech. Option	Field Capacity (m2/hr.)	No. of effective tiller /hill	No of grains per panicles	100 grain weight (g)	Yield (q/ha)	Cost of cultivation (Rs./ha.)	Gross Return (Rs./ha.)	Net return (Rs./ha.)	*B:C Ratio*
FP:	68.2	14	231	2.13	41.2	33317	76962	43645	2.31
TO1	624.6	19	238	2.16	44.6	27678	83312	55634	3.01
TOII	272.3	18	237	2.18	43.9	28928	82005	53077	2.83
SEm+-	2.5623	0.9673	0.2356	NS	1.2642				
CD 5%	6.2261	2.3412	0.6032	-	3.2743				

Result: *The result revealed that 8.25 per cent significant increase in yield observed with cultivation by application of paddy drum seeder in wet field condition in comparision to traditional cultivation practices and nearly 30 per cent increase in BC ratio, the practice of DSR in wet field condition is very suitable for Kharif paddy cultivation. The field capacity of a paddy drum seeder is also higher in camparision with that of a paddy wheat seeder.*

Technology option I application of a paddy drum seeder may be the best option for the purpose of practicing DSR in Kharif Season.

OFT 6: (PBG) (Rabi 2020-21)

1.	Title of On farm Trial	Assessment of different wheat varietal performance in Koshi region.
2.	Problem diagnosed	Regular practices of traditional late varieties of wheat in Rabi season resulting low productivity.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice: Local varieties **Technology option-I**: DBW-14 **Technology option-II**: Sabour Shreshtha
4.	Source of Technology (ICAR/ AICRP/ SAU/ other, please specify)	BAU, Sabour
5.	Production system and thematic area	Rice-Wheat Varietal evaluation
6.	Performance of the Technology with performance indicators	Technological observations : i. Yield (q/ha) ii. Yield attributing characters. iii. Soil analysis (Soil Health status before and after) iv. Economic indicators : v. Cost of cultivation vi. Net return vii. B:C Ratio
7.	Final recommendation for micro level situation	Sabour Shreshtha may be the best option in repect of the performance in the locality
8.	Constraints identified and feedback for research	It is observed during the trial that it is a challenging task to introduce new variety to replace the old one i.e already adopted by the farmers in the area.
9.	Process of farmers participation and their reaction	Through training and trial demonstration

Table: Effect of different wheat varieties on yield and economics of wheat

Technology option	No. of trials	Yield Components				yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	B:C ratio
		50% Flowering	Plant Height (cm)	Ear Length (cm)	1000 grain wt (gm)					
FP	07	77	95	8.75	41.01	24.0	32600	43200	10600	1.33
TO I		72	72.5	10.0	45.47	28.0	33500	50400	16900	1.55
TO II		78	100.2	7.5	39.1	34.2	34895	61560	26665	1.76
SE m^{+}-		0.48	0.96	0.12	0.41					
CD 5%		1.28	2.49	0.32	1.21					

Result: *The on farm trial(OFT) conducted by KVK, Saharsa on 07 no of farmers field during Rabi 2020-21 showed that the wheat variety Sabour shrestha produced higher grain yield (34.2 q/ha) with favourable yield attributing charactes in comparison to DBW 14 and farmer variety under irrigated late sown condition. The result is found better in suggesting to farming community to adopt wheat variety Sabour shrestha with grain yield (34.2 q/ha) and B:C ratio (1.76) under irrigated late sown condition in koshi region .*

OFT7: (PBG) (Rabi 2020-21)

1.	Title of On farm Trial	Assessment of effect of herbicides application to control weeds in lentil
2.	Problem diagnosed	High infestation of weeds suppress the growth & yield of lentil in Koshi region (Yield loss 65-70%)
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice (weedy check) TO1: Application of Pre-emergence herbicide (Pendimethalin @1.0 kg a.i./ha) TO2: Application of Pre-emergence herbicide (Pendimethalin @1.0 kg a.i./ha)+Post-emergence herbicide (Imizathyper @40 g a.i./ha) 15-20 DAS
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	**SAU** /BAU,Sabour
5.	Production system and thematic area	Rice-Wheat Weed Management
6.	Performance of the Technology with performance indicators	**Technological observations :** Yield (q/ha) weed studies Yield attributing characters. Soil analysis (Soil Health status before and after) **Economic indicators :** Cost of cultivation Net return B:C Ratio
7.	Final recommendation for micro level situation	Application of Pre-emergence herbicide (Pendimethalin @1.0 kg a.i./ha)+Post-emergence herbicide (Imizathyper @40 g a.i./ha) 15-20 DAS may be the best option
8.	Constraints identified and feedback for research	Application of herbicides at proper time has been observed as challenging task.
9.	Process of farmers participation and their reaction	Through Training, Demonstration & field visit.

Table: Effect of herbicides application to control weeds in lentil

Technology option	No. of trials	Yield Components				Weed density (m^2 area)		yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	B:C ratio
		No. of Plant/ m^2	No. of branches per plant	No. of Pod per plant	1000 grain wt (gm)	40 DAS	At harvesting					
FP	07	33.6	4.3	31.42	21.90	46.78	58.12	5.8	16571	34800	18229	2.1
TO I		47.3	7.1	43.98	21.94	28.30	32.10	8.32	17393	49920	32527	2.87
TO II		52.2	8.3	48.50	21.93	14.36	18.72	10.23	17984	61380	43396	3.41
SE m^+-		0.42	0.09	0.61	0.01	1.28	1.57					
CD 5%		1.11	0.26	1.67	0.03	3.39	4.35					

Result: *The on farm trial conducted by KVK, Saharsa at different farmers' field on assessment of effect of herbicides application to control weeds in lentil revealed that application of Pre-emergence herbicide (Pendimethalin @1.0 kg a.i./ha)+Post-emergence herbicide (Imizathyper @40 g a.i./ha) at 15-20 DAS was found to control different weeds satisfactorily and producing higher yield of lentil(10.23q/ha) in Koshi region.*

OFT8: (PBG) (Rabi 2021-22)

1.	Title of On farm Trial	Assessment of yield performance of improved wheat varieties for timely sowing.
2.	Problem diagnosed	Regular practices of traditional timely sown varieties of wheat in Rabi season resulting lower productivity.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice (NL) TO1: HD 2824 TO2: Sabour Samridhi
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour
5.	Production system and thematic area	Paddy-wheat Varietal evaluation
6.	Performance of the Technology with performance indicators	• Technological observations : • Yield (q/ha) • Yield attributing characters. • Soil analysis (Soil Health Status) • Economic indicators : • Cost of cultivation • Net return • B:C Ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	It is observed during the trial that it is a challenging task to introduce new variety to replace the old one i.e already adopted by the farmers in the area.
9.	Process of farmers participation and their reaction	Through Training, Demonstration & field visit.

Result: Result awaited

OFT 9: (PBG) (Rabi 2021-22)

1.	Title of On farm Trial	Assessment of effect of herbicides to control *Stellaria media* weed in wheat plot of Koshi region.
2.	Problem diagnosed	High infestation of weeds suppress the growth & yield of wheat in Koshi region (Yield loss 65-70%)
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practice : (weedy check) **TO1**: Application of Pendimethalin @1.0 kg a.i./ha as PE **TO2**: Application Pendimethalin @1.0 kg a.i./ha as PE+Carfen trazone+Sulfosulfuron 45% WG mas POE at 25-30 DAS
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	**IRRI,** Varanasi
5.	Production system and thematic area	Paddy-Wheat Weed Management
6.	Performance of the Technology with performance indicators	**Technological observations :** Yield (q/ha) weed studies Yield attributing characters.

		Soil analysis (Soil Health Status) **Economic indicators :** Cost of cultivation Net return B:C Ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Through Training, Demonstration & field visit.

Result: Awaited

OFT 10: (Plant Pathology) (Rabi 2020-21)

1.	Title of On farm Trial	Management of Fall armyworm outbreak in maize.
2.	Problem diagnosed	Fall Armyworm, is the most dreaded in invasive insect-pest ssociated with maize. It causes heavy losses upto 80 percent
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	T.O. I- i Application of sand (After whorl formation and at 5% damage symptoms appearance) ii. Spraying of Emamectin benzoate 5 SG @0.4g/l of water at 5days of application of sand iii.Spraying of Thiamethoxam 12.6% + Lambdacyahalothrin 9.55 @0.5ml/l of water at 15days after 1st spray T. O. II. i) Application of soil (After whorl formation and at 5% damage symptoms appearance) ii. Spraying of Fipronil 5 SC @1ml/l of water at 5days of application of sand iii.Spraying of Spinosad @0.2ml/l of water at 15days after 1st spray T. O. III – Farmers practice (Application of Carbofuran)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour
5.	Production system and thematic area	Integrated Pest Management Rice-Maize
6.	Performance of the Technology with performance indicators	i) No. of larvae/damaged leaves/no. of holes at 5 spots in each plot on 10 randomly selected plants ii) Total yield (q/ha) iii) Cost of cultivation (Rs./ha) iv) Gross return (Rs./ha) v) Net return (Rs./ha) vi) B: C ratio
7.	Final recommendation for micro level situation	Spraying of Fipronil 5SC and spinosad were most effective to manage and also in terms of cost effectiveness and higher B:C ratio.
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Through trial, training and method demonstration

Table: Management of Fall armyworm outbreak in maize

Technology option	No. of trials	Larval Population (%)/sqm			Reduction over control (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	B:C ratio
		1 DBT	3 DAT	7 DAT						
TO I (FP)	**07**	38.33 (6.23)	10.67 (3.34)	9.73 (3.20)	61.79	73.25	48165	124525	76360	2.58
TO II		41.33 (6.47)	7.87 (2.89)	4.53 (2.24)	85.77	104.50	53625	177650	124025	3.31
TO III		35.67 (6.01)	4.67 (2.27)	3.47 (1.99)	89.67	111.67	52990	189839	136849	3.58
SE m^{+}.		0.23	0.28	0.24						
CD 5%		0.72	0.87	0.75						

Result: *The present study concluded that among the insecticides in both the treatment options other than farmers practice were effective to manage the population of fall armyworm larval population but spraying of Fipronil 5SC and spinosad were most effective to manage and also in terms of cost effectiveness and higher B:C ratio.*

OFT 11: (Plant Pathology) (Rabi 2021-22)

1.	Title of On farm Trial	Assessment of management practices for Mango Fruit borer
2.	Problem diagnosed	Insect caterpillars bore in to the immature fruits nd feeds inside reaching kernels. Entrance holes are plugged with excreta. Affected fruits rot and fall prematurely.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Technology option-I: Farmers Practice (FP): Spray with chlorpyriphos when symptoms appear @3ml/litre of water) Technology option-II : 1. Swabbing of chlorpyriphos 50% + cypermethrin 5% EC @3 ml/lit. of water on tree trunk would kill the prepupae/ pupae population under the bark and helps in reduction of fruit damage. 2. Spraying of Profenofos 50EC @ 3 ml/lit. of water in the second fortnight of January coinciding with the moth emergence/hatching of eggs of first brood in the gardens where the pest incidence was severe in previous year. Technology option-III : Technology option I + Spray of neem oil 1500ppm @3ml /litre of water at stage of marble size fruit with again repeating at 15 days interval (2-3 spray)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NCIPM, New Delhi
5.	Production system and thematic area	Mango orchard IPM
6.	Performance of the Technology with performance indicators	i) Average no. of damaged fruits/plant ii) Percentage disease control over farmers practice iii) Total yield iv) Cost of cultivation (Rs./ha) v) Gross return (Rs./ha) vi) Net return (Rs./ha) vii) B: C ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Through trial, training and method demonstration

Result: Result awaited.

OFT 12: (Horticulture)

1.	Title of On farm Trial	Assessment of proper doses of Paclobutrazol in mitigating irregular bearing in mango
2.	Problem diagnosed	Irregular flowering, low fruit set as well as retention leading to low yield and fruits of poor quality are also the prevalent problems in mango production.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practices (No pruning and No paclobutrazol) TO1: Paclobutrazol @ 1.0g a.i./m effective canopy (20-30g/plant) in soil. TO2: Paclobutrazol @ 1.5g a.i./metre effective canopy (30-45g) in soil.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on Fruits, Bengaluru
5.	Production system and thematic area	Mango ICM
6.	Performance of the Technology with performance indicators	i) Fruit retention % ii) No.of fruits per plant iii) Av. fruit weight (g) iv) Fruit yield (t/ha) v) T.S.S. (^{O}B) vi) Cost of cultivation (Rs./ha) Vii) Gross return (Rs./ha) viii) Net return (Rs./ha) ix) B:C ratio (Rs./ha)
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Through trial, training and method demonstration

Result: *Awaited*

OFT-13: (Horticulture)

1.	Title of On farm Trial	Assessment of integrated nutrient management in tomato
2.	Problem diagnosed	Tomato is one of the important cash crops of the Saharsa district. Low productivity of tomato is of great concern which is mainly attributed to imbalance or non-judicious use of fertilizers.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers practices (N:P:K= 250:75:40 kg/ ha) TO1: RDF (N:P:K=200:100:80 kg/ ha) + FYM (200 q/ha) TO2: RDF (N:P:K=200:100:80 kg/ ha) + FYM (200 q/ha) + Lime + Boric acid (1%) + Zinc sulphate (1%)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	DRPCAU, Pusa, Bihar
5.	Production system and thematic area	Vegetables – Tomato integrated nutrient management
6.	Performance of the Technology with	i) Plant height (cm) ii) Fruit yield per plant (kg) iii) Avg. no. of fruit/ plant iv) Avg. Weight of fruit (g)

	performance indicators	V) Yield/plant (kg) v) Yield q/ha vi) Cost of cultivation vii) Gross return viii) Net return ix) B: C ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Through training and trial demonstration

Result: *Awaited*

OFT -14: (Home Sc.)

1.	Title of On farm Trial	Assessment of different preservation techniques in Drumstick flower
2.	Problem diagnosed	Lack of nutritional knowledge regarding the flower of drumstick
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	PF: Using Drumstick flower as a Vegetable **TO_1-** Drumstick flower (Fresh)-1kg, Chilli-100gm, Mustard oil-400ml, Turmeric powder-10gm, Methi-10gm, Onion-50gm, Tamrind-250gm, Mustard seed powder-25gm, Salt-100gm, Sodium Benzoate-1pinch **TO_2 –** Drumstick flower (dry)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Prof. Jaishankar Telangana State Agricultural University, Hyderabad, Telangana
5.	Production system and thematic area	Value Addition
6.	Performance of the Technology with performance indicators	Technological observations: • Organoleptic testing • Keeping quality Farmers reaction
7.	Final recommendation for micro level situation	Drumstick flower (Fresh)-1kg, Chilli-100gm, Mustard oil-400ml, Turmeric powder-10gm, Methi-10gm, Onion-50gm, Tamrind-250gm, Mustard seed powder-25gm, Salt-100gm, Sodium Benzoate-1pinch is the best option for value addition and marketing for income generation
8.	Constraints identified and feedback for research	Unavailability of drumstick flower throughout the year
9.	Process of farmers participation and their reaction	Through training and trial demonstration

Table:

Treatment	**Replication**	**Colour (%)**	**Flavour (%)**	**Texture (%)**	**Taste (%)**	**Overall acceptability**	**Keeping Quality**
TO1	10 Farm Family	85	87	88	92	88	4 months
TO2	10 Farm Family	75	78	82	80	78.75	4 months

Cost(Rs.) of raw drumstick flower pickle/kg	Cost(Rs.) of dry drumstick flower pickle/kg	MarketCost(Rs.) of raw drumstick flower pickle/kg	B:C ratio of raw drumstick flower pickle	B:C ratio of dry drumstick flower pickle
105	156.50	250	1.38	0.59

- Range >80% Excellent
- Range 80-60 Good
- Less than 60 Fair

Result: *It seems that overall acceptability of drumstick flower of Technological option I was 88% followed by Tech. option II (78.75%). On the basis of sensory evaluation performance of Technological option I was excellent as campaired to Tech. option II. BCR of raw drumstick flower pickle (TOI) was 1.38 followed by dry drumstick flower pickle (TO II) 0.59. so we can say that performance of raw drumstick pickle was better than dry drumstick flower pickle.*

OFT -15: (Home Sc.) (Rabi 2021)

1.	Title of On farm Trial	Assessment of preparation method of carrot jam for more shelf life, enhancement of nutrition & income
2.	Problem diagnosed	Wide prevalence of nutritional deficient health problem among rural farming communities due to lack of knowledge and awareness regarding the use of locally available resources in preparing supplementary nutritious product
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practices: Local people consume fresh carrot as such as vegetables or juice. TO_1: Preparation of carrot Jam Formulation-Ingredients (Carrot-1.0 kg, Sugar-1.0 kg, water-100 ml, Citric acid-6.0 g, Pectin powder -10g, Sodium Benzoate-1.0g) TO_2: Preparation of carrot Jam with essence Formulation-Ingredients (Carrot-1.0 kg, Sugar-1.0 kg, water-200 ml, Citric acid-6.0 g, Pectin powder -10g, Sodium Benzoate-1.0g, Lemon essence-5ml)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	DRPCAU, Pusa Samastipur, Bihar
5.	Production system and thematic area	Women & child care
6.	Performance of the Technology with performance indicators	Technological observations 1. TSS(%) 2. Acidity (%) 3. Sensory Analysis i. Taste ii.Colour iii.Flavour iv.Texture v. Overall Acceptability 4. Packaging Material: Glass Jar 500g 5. Self life (0, 15, 30, 45, 60 and 75 days at ambient refrigerated condition)
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Through training and trial demonstration

Result: Awaited

3.1.2 Technology Assessed by KVK (Discipline wise)

Sl. No.	Discipline	Thematic areas	No. of the technologies (Technology Interventions)	No. of trials	No. of Locations
1.	Crop Production	Integrated Crop Management	3	8	1
		Integrated Crop Management	3	8	2
		Integrated Weed Management	3	8	2
		Integrated Weed Management	3	7	2
		Varietal Evaluation	3	7	2
		Varietal Evaluation	2	7	2
		Integrated Weed Management	3	7	2
	Plant Protection	Integrated Pest Management	3	7	2
		Integrated Pest Management	3	8	2
2.	Horti.	Integrated Crop Management	3	8	2
		Integrated Nutrient Management	3	8	2
3.	Ag Engg	Application of Small Tools & Implements	2	8	2
		Integrated Weed Management	3	8	2
4.	Women Empowerment	Women and child care	3	10	2
		Value Addition	3	10	2
				119	

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during 2020

Cereals/crops

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	
1.	Paddy	Yield Increment	Biofortified varieties demonstration	2.0	2.0	0	0	0	0	3	0	3	0	
	Paddy	Yield Increment	Use of high yielding variety of paddy	5.0	5.0	1	0	0	0	11	0	12	0	
2.	Brinjal/ HYV	Water Management	Raised bed planting system with poly mulching	02	02	1	0	0	0	9	0	10	0	
3.	Wheat: Sabour Shreshtha	RCT	Zero Tillage Technology	02	02	1	0	0	0	6	3	7	3	
4.	Wheat (BHU31,BHU 25, PBW1Zn)	Yield Increment	Biofortified varieties demonstration	01	01	01	0	0	0	5	0	6	0	
5.	Bottle Gourd Prolific Long/ Pusa Summer	Water Management	Water Management	02	02	1	0	0	0	9	0	10	0	
6.	Nutri-garden	House hold food security	Balanced nutrition	10 unit	10 unit	10	20	5	20	5	0	20	40	
	Button Mushroom	Income Generation	Mushroom production	15 unit	15 unit	0	0	0	0	15	0	15	0	
7.	Oyster Mushroom	Income Generation	Mushroom production	20 unit	37 unit	04	0	0	0	12	21	16	21	
8.	Makhana	Yield Increment	ICM	22.0	22.0	36	9	0	0	8	1	44	11	Including Makhana Project
9.	Okra	Yield Increment	ICM	1.0	1.0	2	0	0	0	8	0	10	0	
10.	Rapeseed Mustard	Yield Increment	ICM	10.0	10.0	02	0	0	0	23	0	25	0	
11.	Green Gram	Yield Increment	ICM	5.0	5.0	2	0	0	0	15	4	17	4	

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					
Paddy	Kharif 2021	Irrigated	Sandy loam	Medium	low	Medium		12-16 June 2021 (Nursery)	30 Nov.- 10 Dec. 2021	1000	56
Wheat	Rabi 2021-22	Irrigated	Sandy loam	Medium	low	Medium		12 Dec. to 22 Dec. 2021	March 2022	300	9
Okra	Rabi 2021-22	Irrigated	Sandy loam	Medium	low	Medium		29/03/2021	15-30 june. 2021	1000	59
Bottel guard	Kharif 2021	Irrigated	Sandy loam	Medium	low	Medium		03/10/2021	Aug. 2021	250	10
Nutritional Garden	Rabi 2012-21	Irrigated	Sandy loam	Medium	low	Medium		16-24 Oct. 2021	March 2022	200	8
Makhana	Rabi 2020-21	Irrigated	Sandy loam	Medium	low	Medium		20/12/2021	Aug. 2022	1200	63
Brinjal	Rabi 2021-22	Irrigated	Sandy loam	Medium	low	Medium		04/10/2021	March 2022	60	9
Green Gram	Summer 2021	Irrigated	Sandy loam	Medium	low	Medium		March 2021	May 2021	150	12

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
Paddy	ICM	Variatal Demo	12	5.0	42.50	33.5	26.8			35000	63750	28750	1.82	31000	50250	19250	1.62

Paddy	Yield Increment	Biofortified var. demo	03	2.0	41.2	34.3		-	-	27170	70040	38870	2.57	30740	58310	24570	1.89
Wheat	RCT	ZTT	10	2.0											Continue		
Wheat (BHU31,BHU 25, PBW1Zn)	Yield Increment	Biofortified varieties demonstration	06	1.0											Continue		
Makhana	Yield Increment	Improve seed, Seed Treatment, INM & IPM	55	22.0	25	17	47.05			88000	180000	92000	1.05	75000	122400	47400	0.63
Okra	Yield Increment	Improve seed, Seed Treatment, INM	10	1.0	150	120	25.00			65,650	2,25,000	1,59,350	2.42	63,500	1,80,000	1,16,500	1.83
Nutri Garden	House hold food security	Nutri Garden	10	0.1	1 kg/day	2 kg/ day	100			500	1800/ month	1300	3.6				
Bottle Gourd	Water Management	Organic Mulching	10	2.0	261.80	302.1	15.41			40930	175400	134470	4.29	46719	152097	105378	3.26
Brinjal	Water Management	Raised bed planting system with poly mulching	10	2.0											Continue		
Rapeseed	Yield Increment	ICM	25	10.0											Continue		
Green Gram	Yield Increment	ICM	21	5.0	6.5	8.7	33.84			24675	43500	18825	1.76				Agro

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

House hold food security	Nutritional Gardening	31	31	2 kg/ day	1 kg/day	-	-	-	500	1800/ month	1300	3.6	50	150/ month	100	3.0
Income Generation	Mushroom Cultivation	20	20	Output/Bag	-	-	-	-	20	100	80	5	-	-	-	-

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

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women	Nutritional Gardening	10	1-4 kg/day	0.1 to 0.5 kg/day	
Pregnant women					
Adolescent Girl					
Other women	Mushroom Cultivation	35	1.5 kg Mushroom/bag	-	
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		Demo	Check	Reduction	% reduction	Demo	Check	Reduction	% reduction
Paddy drum seeder	Paddy	Direct seeded rice	08	2.0	125 m^2/man hr	25 m^2/man hr	400	10	50	40	80	2190	10950	8760	80.06
Seed cum ferti. drill (Wheat sowing)	Wheat	ZTT method of sowing	06	2.0	625 m^2/man hr	208 m^2/man hr	200	2	6	4	67	2560	7250	4690	64.70

*** 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)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (pl.specify)										
Total										

Technical Feedback on the demonstrated technologies

S. No.	Crop	Feed Back
1.	Rice (hyv)	Suitable for low land ecosystem
	Rice (DSR)	Labour and resource saving technique
2.	Wheat	High yielding variety for late sowing condition
	Wheat (ZTT Technique)	Labour and resource saving technique
3.	Field Pea	Suitable for crop rotation
4.	Lentil (ZTT Technique)	Labour and resource saving technique
5.	Nutritional Garden	Availability of necessary vegetables and fruits for a farming family

Extension and Training activities under FLD

SL. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	03.11.2021	02	50	
2.	Farmers Training	18.08.2021, 26.08.2021,27.08.2021,16.09.2021,29.09.2021,07.10.2021,26.10.2021,22.11.2021	08	193	
3.	Media coverage	09.09.2021, 20.09.2021, 26.12.2021, 24.12.2021, 30.11.2021, 15.03.2021	04	-	
4.	Training for extension functionaries	30.09.2021,2108.2021,23.09.2021,24.09.2021,27.09.2021	04	146	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Rabi 2020-21:

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.	Rape seed (Rai) **Rabi 2020**	Locally unidentified	8.3	210	225	(-)240	Rajendra Suflam+ Varietal replacement & IPM	80	30	11.5	8.2	10.35	19.80	38.0	13.75
2.	Linseed **Rabi 2020**	Locally unidentified	6.3	205	230	(-)385	Sabour Tisi-1 + Varietal replacement & IPM	60	20	8.25	5.80	7.05	10.64	34.72	55.93
3.	Lentil **Rabi 2020**	Locally unidentified	12.5	290	275	(-) 420	HUL 57+ Varietal replacement & IPM	55	20	17.3	13.0	15.98	18.15	17.21	20.81
4.	Green Gram (summer) **Summar 2021**	Locally unidentified (small grain)	6.5	220	230	330	IPM-2-14 Varietal replacement and INM	50	20	9.7	6.85	8.7	25.29	26.44	27.5
5	Rape seed (Rai) **Rabi 2021**	Locally unidentified					Rajendra Suflam+ Varietal replacement	100	40						

							& IPM								
6	Linseed **Rabi 2021**	Locally unidentified					Sabour Tisi-1 + Varietal replacement & IPM	75	30						
7	Lentil **Rabi 2021**	Locally unidentified					HUL 57+ Varietal replacement & IPM	50	20						

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.	Rapeseed Mustard/ Rai (Rajendra suflam), Varietal replacement & IPM	28360	48580	20220	1.71	29885	58670	28785	1.96
2.	Linseed (Sabour Tisi-1), Varietal replacement & IPM	24725	40885	16160	1.65	25690	46880	21190	1.82
3.	Lentil (HUL 57), Varietal replacement & IPM	23665	67990	44325	2.87	26525	83945	57420	3.16
4.	Green Gram (IPM-2-14) Varietal replacement and IPM	22890.00	32500.00	9610.00	1.42	24675.00	43500.00	18825.00	1.76

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	Rapeseed Mustard/ Rai (Rajendra suflam), Varietal	22100	195.75	55	5	5	For enhancement of farming activity & household consumption	11

	replacement & IPM							
2	Linseed (Sabour Tisi-1), Varietal replacement & INM	16140	315.5	45	20	20	For enhancement of farming activity & household consumption	6
3	Lentil (HUL 57), Varietal replacement & INM	31960	265	48	40	40	For enhancement of farming activity & household consumption	10
4	Green gram (IPM-2-14)	17400.00	220.00	50.00	Nil	Nil	1. Household consumption 2. Sale of seed for procurement of paddy seed 3. Savings	22.5

D. Oilseed/Pulse Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	Varietal replacement & IPM (Rajendra Suflam)	The crop is suitable to the farming system	Practicing INM and IPM enhanced the yield performance	Yes, low price and easy to applicable & suitable in late sown condition	Attack of aphids	Yes, preferably acceptable	MSP should be such that it overcomes the negative effect of damage due to adverse weather condition
2	Varietal replacement & IPM (Sabour Tisi-1)	The crop is suitable to the farming system	Possibility of cultivation in paira cropping mode	Less cost of cultivation	Minor attack of wilt & alternaria leaf spot	Yes, acceptable due to low cost of cultivation without requirement of any irrigation facility	Variety with more higher yield than local variety should incorporate.
3	Varietal replacement & IPM(HUL-57)	The crop is suitable to the farming system	Possibility of cultivation in paira cropping mode	Less cost of cultivation	Minor attack of wilt	Yes, acceptable due to low cost of cultivation without requirement of any	MSP should be such that it overcomes the negative effect of damage due to adverse weather condition

						irrigation facility	
4	IPM-2-14 Varietal replacement and IPM	The crop is suitable to the farming system	Improved variety and technology of cultivation is preferred by the farmers	Good	Not observed	Yes	New variety is demand, measures to control weed infestation

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Rape seed/Mustard (Rabi 2020-21)			
1. The crop is suitable to the farming system	Satisfactory yield obtained	33.13 % higher yield obtained over local check	Varietal acceptance for future cropping plan
2. Seed treatment with fungicide @ 2.5 gm/kg seed with carbendazim 3. Application of imidachlorprid 17.8SL @ 1ml/L of water	Incidence of white rust is low due to seed treatment Incidence of sucking pest is low due to seed treatment		MSP should be such that it overcomes the negative effect of damage due to adverse weather condition
Linseed (Rabi 2020-21)			
1. The crop is suitable to the farming system	Satisfactory yield obtained	03.46 % higher yield obtained over local check	Variety is at par with the local variety
2.Seed treatment with fungicide @ 2.5 gm/kg seed with carbendazim 3. Application of monocrotophos @ 500ml per Acre of land	Incidence of wilt is low due to seed treatment Incidence of leaf cutter pest low due to seed treatment		MSP should be such that it overcomes the negative effect of damage due to adverse weather condition
Lentil (Rabi 2020-21)			
1. Varietal Demonstration	Satisfactory yield obtained	27.84 % higher yield obtained over	Varietal acceptance for future cropping plan

		local check	
2. Application of bio fertilizer for seed treatment with Rhizobium @ 5gm/kg seeds 2. Treatment with 2.5gm carbendazim with 1 kg of seeds. 3. Application of insecticide @ 3ml/L of water 4. Spray of Multiplex @ 3 L/ha	Incidence of wilt is low due to seed treatment with chemical fungicide & better yield with application of bio-fertilizers. Incidence of borer is low due to spray of Chlorpyriphos 50% + Cypermethrin 5% EC		MSP should be such that it overcomes the negative effect of damage due to adverse weather condition
Green Gram (Summer 2021)			
1. Varietal Demonstration	Satisfactory yield obtained	33.84 % higher yield obtained over local check	Varietal acceptance for future cropping plan
2. Spraying of Imidachloprid for the management of YVMV vector white fly	Low incidence of YVMV		Demand of small seed size variety due to taste difference

A. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	**Training Programme**	**12.11.2020, 13.11.2020, 16.11.2020,17.11.2020,18.11.2020**	**175**
2.	**Diagnostic Vist**	**1.12.2020, 4.12.2020, 7.12.2020,16.12.2020, 26.12.2020, 6.1.2021, 13.1.2021, 27.01.2021, 3.2.2021, 11.2.21, 17.2.21, 25.2.21**	**165**
3.	**Field Day**	**9.3.21,17.3.21,18.3.21,3.7.21**	**205**

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

Lentil: Growth Stage

Green Gram: At growth Stage

Input Distribution under CFLD

Linseed: Field Day

H. Farmers' training photographs

Training Programme on Scientific cultivation of Rai & Lentil

Training Programme on Scientific cultivation of Green Gram

C. **Quality Photographs of field visits/field days and technology demonstrated**

Lentil: Good Germination

Lentil: Growth Stage

Rapeseed: Maturity Stage

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Rape seed/ Mustard	i) Critical input	Nil	200250	
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total	Nil	200250	

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Linseed	i) Critical input	Nil	134212.50	
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total	Nil	134212.5	

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Lentil	i) Critical input	Nil	161000	
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total		161000	

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Green Gram	i) Critical input			
	ii) TA/DA/POL etc. for monitoring	Nil	154451	
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
	Total			

3.3 Achievements on Training (Including the sponsored and FLD training programmes):

D. 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	4	35	14	49	46	26	72	0	0	0	81	40	121
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	1	37	20	57	18	0	18	0	0	0	55	20	75
Seed production	1	8	0	8	6	0	6	0	0	0	14	0	14
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	3	60	1	61	61	19	80	0	0	0	121	20	141
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, (cultivation of crops)	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	21	0	21	9	0	9	0	0	0	30	0	30
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	1	20	0	20	7	0	7	0	0	0	27	0	27
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	2	6	1	7	34	9	43	0	0	0	40	10	50
Production of low volume and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	1	11	6	17	1	0	1	0	0	0	12	6	18
Nursery raising	3	57	2	59	34	8	42	0	0	0	91	10	101
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Cultivation of Vegetable)	1	4	6	10	2	8	10	0	0	0	6	14	20
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	2	41	3	44	11	0	11	0	0	0	52	3	55
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	1	17	0	17	2	0	2	0	0	0	19	0	19
Others, if any(INM)	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	22	4	26	11	3	14	0	0	0	33	7	40
e) Tuber crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	1	16	0	16	11	0	11	0	0	0	27	0	27

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Processing and value addition	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	1	33	0	33	7	3	10	0	0	0	40	3	43
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairy Management	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	1	13	0	13	3	1	4	0	0	0	16	1	17
Feed management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any Goat farming	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Home Science/Women empowerment	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security by kitchen gardening and nutrition gardening	1	20	0	20	0	0	0	0	0	0	20	0	20
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	2	6	30	36	2	0	2	0	0	0	8	30	38
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Income generation activities for empowerment of rural Women	1	0	0	0	0	0	0	1	29	30	1	29	30
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	1	5	6	11	0	0	0	0	0	0	5	6	11
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VI. Agril. Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro	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
irrigation systems													
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	1	4	6	10	2	8	10	0	0	0	6	14	20
Repair and maintenance of farm machinery and implements	1	25	6	31	10	9	19	0	0	0	35	15	50
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 (RCT)	4	87	20	107	15	2	17	0	0	0	102	22	124
VII. Plant Protection	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	2	14	0	14	25	28	53	0	0	0	39	28	67
Integrated Disease Management	1	35	0	35	13	2	15	0	0	0	48	2	50
Bio-control of pests and diseases	1	61	0	61	13	0	13	0	0	0	74	0	74
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	19	0	19	1	0	1	0	0	0	20	0	20
VIII. Fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	1	14	0	14	0	0	0	0	0	0	14	0	14
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	42	691	125	816	470	126	470	1	29	30	1036	280	1316

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	5	49	30	79	14	45	59	0	0	0	63	75	138
Bee-keeping	6	114	0	114	30	0	30	0	0	0	144	0	144
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	4	78	0	78	19	0	19	0	0	0	97	0	97
Production of organic inputs	2	27	5	32	23	8	31	0	0	0	50	13	63
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	2	48	8	56	24	03	27	0	0	0	72	11	83
Repair and maintenance of farm machinery and implements	7	138	0	138	16	0	16	0	0	0	154	0	154
Nursery Management of Horticulture crops	3	63	5	68	11	4	15	0	0	0	74	09	83
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	1	0	16	16	0	0	0	0	0	0	0	16	16
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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Shrimp farming	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	1	0	30	30	0	0	0	0	0	0	0	30	30
Other	2	1	18	19	6	44	50	0	0	0	7	62	69
TOTAL	**33**	**518**	**112**	**630**	**143**	**104**	**247**	**0**	**0**	**0**	**661**	**216**	**877**

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	02	32	05	37	5	1	6	0	0	0	37	06	73
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	2	31	3	34	12	1	13	0	0	0	43	4	47
Integrated Nutrient management	1	18	1	19	11	0	11	0	0	0	29	1	30
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	3	123	4	127	42	5	47	0	0	0	165	9	174
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	2	0	75	75	0	05	05	0	0	0	0	80	80
Women and Child care	1	0	20	20	0	0	0	0	0	0	0	20	20
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	1	19	0	19	7	1	8	0	0	0	26	1	27
Gender mainstreaming through SHGs	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
TOTAL	**12**	**223**	**108**	**331**	**77**	**13**	**90**	**0**	**0**	**0**	**300**	**121**	**451**

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	14	221	33	254	128	54	182	0	0	0	349	87	436
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	3	73	5	78	19	9	28	0	0	0	92	14	106
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	4	82	20	102	32	49	81	0	0	0	114	69	183
Seed production	1	10	25	35	3	12	15	0	0	0	13	37	50
Nursery management	2	14	0	14	28	8	36	0	0	0	42	8	50
Integrated Crop Management	7	112	36	148	74	68	142	0	0	0	186	104	290
Fodder production	2	22	11	33	19	20	39	0	0	0	41	31	72
Production of organic inputs	1	35	0	35	5	0	5	0	0	0	40	0	40
Others, (cultivation of crops)	2	46	13	59	10	11	21	0	0	0	56	24	80
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	4	75	16	91	22	21	43	0	0	0	97	37	134
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	3	64	8	72	7	3	10	0	0	0	71	11	82
Yield increment	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of low volume and high value crops	2	7	1	8	29	11	40	0	0	0	36	12	48
Off-season vegetables	2	4	0	4	51	46	97	0	0	0	55	46	101
Nursery raising	5	88	17	105	31	19	50	0	0	0	119	36	155
Export potential vegetables	1	19	13	32	7	18	25	0	0	0	26	31	57
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	2	17	5	22	17	18	35	0	0	0	34	23	57
Others, if any (Cultivation of Vegetable)	6	154	19	173	49	30	79	0	0	0	203	49	252
Training and Pruning	2	28	0	28	30	35	65	0	0	0	58	35	93
b) Fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	3	31	16	47	28	18	46	0	0	0	59	34	93
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	3	62	5	67	20	11	31	0	0	0	82	16	98
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	3	61	5	66	27	9	36	0	0	0	88	14	102
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)	1	2	6	8	3	19	22	0	0	0	5	25	30
c) Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	3	41	0	41	30	30	60	0	0	0	71	30	101
e) Tuber crops	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
Production and Management technology	1	13	0	13	5	0	5	0	0	0	18	0	18
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	5	124	21	145	19	38	55	0	0	0	143	59	202
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairy Management	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	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security by kitchen gardening and nutrition gardening	3	0	28	28	17	56	73	0	0	0	17	84	101
Design and development of low/minimum cost diet	9	4	130	134	30	42	72	0	0	0	34	172	206
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	1	0	16	16	0	0	0	0	0	0	0	16	16
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	2	0	41	41	0	4	4	0	0	0	0	45	45
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

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
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any(Mushroom Prodcution)	0	0	0	0	0	0	0	0	0	0	0	0	0
VI. Agril. Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	4	99	11	110	17	11	28	0	0	0	116	22	138
Use of Plastics in farming practices	1	4	3	7	22	21	43	0	0	0	26	24	50
Production of small tools and implements	5	148	17	165	20	29	49	0	0	0	168	46	214
Repair and maintenance of farm machinery and implements	8	152	19	171	67	43	110	0	0	0	219	62	281
Small scale processing and value addition	2	36	0	36	13	2	15	0	0	0	49	2	51
Post Harvest Technology	5	90	18	108	30	66	96	0	0	0	120	84	204
Others, if any (RCT)	13	291	37	328	98	119	217	0	0	0	389	156	545
VII. Plant Protection	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	21	419	54	473	222	142	364	0	0	0	641	196	837
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	1	33	0	33	17	0	17	0	0	0	50	0	50
Others, if any	3	46	13	59	32	60	92	0	0	0	78	73	151
VIII. Fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0

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
X. Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**160**	**2727**	**662**	**3389**	**1278**	**1152**	**2428**	**0**	**0**	**0**	**4005**	**1814**	**5819**

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	1	51	0	51	2	0	2	0	0	0	53	0	53
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	1	15	2	17	2	0	2	0	0	0	17	2	19
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	1	10	5	15	6	9	15	0	0	0	16	14	30
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Fish harvest and processing technology	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 (Balance dose fetirizers)	1	10	5	15	6	9	15	0	0	0	16	14	30
TOTAL	**4**	**86**	**12**	**98**	**16**	**18**	**34**	**0**	**0**	**0**	**102**	**30**	**132**

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

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Weed Management	18	256	47	303	174	80	254	0	0	0	430	127	557
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	3	73	5	78	19	9	28	0	0	0	92	14	106
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	5	119	40	159	50	49	99	0	0	0	169	89	258
Seed production	2	18	25	43	9	12	21	0	0	0	27	37	64
Nursery management	2	14	0	14	28	8	36	0	0	0	42	8	50
Integrated Crop Management	10	172	37	209	135	87	222	0	0	0	307	124	431
Fodder production	2	22	11	33	19	20	39	0	0	0	41	31	72
Production of organic inputs	1	35	0	35	5	0	5	0	0	0	40	0	40
Others, (cultivation of crops)	2	46	13	59	10	11	21	0	0	0	56	24	80
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
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	5	96	16	112	31	21	52	0	0	0	127	37	164
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	1	20	0	20	7	0	7	0	0	0	27	0	27
Skill development	3	64	8	72	7	3	10	0	0	0	71	11	82
Yield increment	2	6	1	7	34	9	43	0	0	0	40	10	50
Production of low volume and high value crops	2	7	1	8	29	11	40	0	0	0	36	12	48
Off-season vegetables	3	15	6	21	52	46	98	0	0	0	67	52	119
Nursery raising	8	145	19	164	65	27	92	0	0	0	210	46	256
Exotic vegetables like Broccoli	1	4	6	10	2	8	10	0	0	0	6	14	20
Export potential vegetables	1	19	13	32	7	18	25	0	0	0	26	31	57
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	2	17	5	22	17	18	35	0	0	0	34	23	57
Others, if any (Cultivation of Vegetable)	6	154	19	173	49	30	79	0	0	0	203	49	252
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
0b) Fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and Pruning	2	28	0	28	30	35	65	0	0	0	58	35	93
Layout and Management of Orchards	5	71	19	90	39	18	57	0	0	0	110	37	147
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	3	62	5	67	20	11	31	0	0	0	82	16	98
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	3	61	5	66	27	9	36	0	0	0	88	14	102
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	1	17	0	17	2	0	2	0	0	0	19	0	19
Others, if any(INM)	1	2	6	8	3	19	22	0	0	0	5	25	30

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	1	22	4	26	11	3	14	0	0	0	33	7	40
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	3	41	0	41	30	30	60	0	0	0	71	30	101
TOTAL	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	1	13	0	13	5	0	5	0	0	0	18	0	18
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	16	0	16	11	0	11	0	0	0	27	0	27
TOTAL	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
TOTAL	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	1	33	0	33	7	3	10	0	0	0	40	3	43
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
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	5	124	21	145	19	38	55	0	0	0	143	59	202
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairy Management	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	1	13	0	13	3	1	4	0	0	0	16	1	17
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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Home Science/Women empowerment	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security by kitchen gardening and nutrition gardening	4	20	28	48	17	56	73	0	0	0	37	84	121
Design and development of low/minimum cost diet	9	4	130	134	30	42	72	0	0	0	34	172	206
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	1	0	16	16	0	0	0	0	0	0	0	16	16
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	2	6	30	36	2	0	2	0	0	0	8	30	38
Value addition	2	0	41	41	0	4	4	0	0	0	0	45	45
Income generation activities for empowerment of rural Women	1	0	0	0	0	0	0	1	29	30	1	29	30
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	1	5	6	11	0	0	0	0	0	0	5	6	11
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
VI. Agril. Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	4	99	11	110	17	11	28	0	0	0	116	22	138
Use of Plastics in farming practices	1	4	3	7	22	21	43	0	0	0	26	24	50
Production of small tools and implements	6	152	23	175	22	37	59	0	0	0	174	60	234
Repair and maintenance of farm machinery and implements	9	177	25	202	77	52	129	0	0	0	254	77	331
Small Scale Processing	2	36	0	36	13	2	15	0	0	0	49	2	51
Post Harvest Technology	5	90	18	108	30	66	96	0	0	0	120	84	204
Others, if any(RCT)	17	378	57	435	113	121	234	0	0	0	491	178	669
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	23	433	54	487	247	170	417	0	0	0	680	224	904
Integrated Disease Management	1	35	0	35	13	2	15	0	0	0	48	2	50
Bio-control of pests and diseases	1	61	0	61	13	0	13	0	0	0	74	0	74
Production of bio control agents and bio pesticides	1	33	0	33	17	0	17	0	0	0	50	0	50
Others, if any	3	46	13	59	32	60	92	0	0	0	78	73	151
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental	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
fishes													
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
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	1	14	0	14	0	0	0	0	0	0	14	0	14
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
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	1	19	0	19	1	0	1	0	0	0	20	0	20
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	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	**202**	**3417**	**787**	**4204**	**2900**	**1278**	**2898**	**1**	**29**	**30**	**6318**	**2094**	**8412**

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	5	49	30	79	14	45	59	0	0	0	63	75	138
Bee-keeping	6	114	0	114	30	0	30	0	0	0	144	0	144
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	4	78	0	78	19	0	19	0	0	0	97	0	97
Production of organic inputs	2	27	5	32	23	8	31	0	0	0	50	13	63
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	1	51	0	51	2	0	2	0	0	0	53	0	53
Sericulture	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
Protected cultivation of vegetable crops	1	15	2	17	2	0	2	0	0	0	17	2	19
Commercial fruit production	1	10	5	15	6	9	15	0	0	0	16	14	30
Repair and maintenance of farm machinery and implements	3	58	13	71	30	12	42	0	0	0	88	25	113
Nursery Management of Horticulture crops	7	138	0	138	16	0	16	0	0	0	154	0	154
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
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	1	0	30	30	0	0	0	0	0	0	0	30	30
Enterprise development	1	0	16	16	0	0	0	0	0	0	0	16	16
Others if any	2	1	18	19	6	44	50	0	0	0	7	62	69
TOTAL	**34**	**541**	**119**	**660**	**148**	**118**	**266**	**0**	**0**	**0**	**689**	**237**	**926**

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	02	32	05	37	5	1	6	0	0	0	37	06	73
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	2	31	3	34	12	1	13	0	0	0	43	4	47
Rejuvenation of old orchards	1	18	1	19	11	0	11	0	0	0	29	1	30
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0

Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	3	123	4	127	42	5	47	0	0	0	165	9	174
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	2	0	75	75	0	05	05	0	0	0	0	80	80
Women and Child care	1	0	20	20	0	0	0	0	0	0	0	20	20
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	1	19	0	19	7	1	8	0	0	0	26	1	27
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
Others if	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**12**	**223**	**108**	**331**	**77**	**13**	**90**	**0**	**0**	**0**	**300**	**121**	**451**

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

Discipline	Client	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
Agronomy/ crop production/PBG										
13.01.2021	PF	Weed control in wheat	01	OFF	14	0	14	02	0	02
29.01.2021	PF	Control of weed In Makhana	01	OFF	21	06	27	17	06	23
02.02.2021	PF	Irrigation Management in wheat	01	OFF	38	0	38	04	0	04
09.02.2021	PF	Irrigation Management in wheat	01	OFF	26	24	50	24	24	48
17.02.2021	PF	Irrigation Management in wheat	01	OFF	32	08	40	02	05	07
18.02.2021	PF	Irrigation Management in wheat	01	OFF	36	07	43	03	02	05
26.02.2021	PF	ICM in green gram	01	OFF	22	29	51	22	29	51
02.03.2021	PF	ICM in Green Gram	01	OFF	40	10	50	10	06	16
06.03.2021	PF	Nursery Raising of paddy	01	OFF	16	0	16	02	0	02
09.03.2021	PF	ICM in Green Gram	01	OFF	26	24	50	22	21	43
16.03.2021	PF	Method of sowing of Rabi crops	01	OFF	45	05	50	0	0	0

19.03.2021	PF	ICM in Moong	01	OFF	39	11	50	0	0	0
20.03.2021	PF	ICM in Moong	01	ON	30	0	30	09	0	09
22.03.2021	PF	Weed management in Makhana	01	ON	21	05	26	16	04	20
23.03.2021	PF	Weed management in Makhana	01	ON	19	06	25	18	05	23
24-26.03.21	RY	Quality Seed production	03	ON	22	0	22	02	0	02
05.04.2021	PF	High yielding var. of Green gram	01	ON	34	0	34	04	0	04
01-08.04.21	RY	Quality seed production	07	ON	25	0	25	02	0	02
28.05.2021	PF	Seed Production of Paddy	01	ON	14	0	14	06	0	06
29.05.2021	PF	High yielding var. of paddy	01	ON	15	01	16	06	0	06
15.06.2021	PF	Nursery raising tech of paddy	01	OFF	26	08	34	26	08	34
21.06.2021	PF	Scientific cultivation of Ragi	01	OFF	28	12	40	17	09	26
01.07.2021	PF	INM in paddy	01	OFF	05	25	30	03	19	22
12.07.2021	PF	DSR of Paddy	01	OFF	11	19	30	10	11	21
12.07.2021	PF	Crop production	01	OFF	21	04	25	06	0	06
14.07.2021	PF	Alternate wetting and drying of paddy	01	OFF	14	17	31	9	13	22
14.07.2021	PF	Weed Management of paddy	01	OFF	19	08	27	12	06	18
16.07.2021	PF	Alternate wetting and drying of paddy	01	OFF	20	0	20	0	0	0
20.07.2021	PF	Nuteient Management in paddy	01	OFF	14	01	15	07	1	08
27.07.2021	PF	Organic farming	01	OFF	40	0	40	05	0	05
29.07.2021	PF	Climate Recilience Agriculture	01	OFF	53	0	53	02	0	02
05.08.2021	PF	Weed management in Paddy	01	ON	06	14	20	2	8	10
09.08.2021	PF	ICM in Paddy	01	OFF	24	26	50	14	12	26
10.08.2021	PF	Weed control in paddy	01	OFF	27	32	59	10	13	23
17.08.2021	PF	Water management in paddy	01	OFF	20	30	50	3	18	21
18.08.2021	PF	INM in Paddy	01	OFF	48	02	50	0	0	0
27.08.2021	EF	Measure to increase productivity of crops	01	ON	17	03	20	03	0	03
03.09.2021	PF	IWM in Kharif crops	01	ON	35	15	50	10	09	19
06.09.2021	PF	IWM in Kharif crops	01	OFF	45	05	50	5	4	9
08.09.2021	PF	Quality Fodder production	01	OFF	20	02	22	3	2	5

13.09.2021	PF	Seed production	01	OFF	13	37	50	03	12	15
14.09.2021	PF	Quality Fodder production	01	OFF	21	29	50	16	18	34
20.09.2021	PF	INM	01	OFF	50	0	50	02	0	02
20.09.2021	PF	INM in Paddy	01	OFF	26	31	57	07	18	25
29-30.09.2021	RY	Quality seed production	02	ON	20	0	20	04	0	04
23.09.2021	EF	Quality seed production	01	ON	20	03	23	02	01	03
18.10.2021	PF	Scientific cultivation of Oilseeds	01	OFF	11	02	13	0	0	0
20.10.2021	PF	Scientific cultivation of Wheat crop	01	OFF	14	0	14	0	0	0
26-27.10.2021	RY	Maize seed production	02	ON	30	0	30	11	0	11
16.11.2021	PF	Weed Management in veg. crops	01	OFF	24	0	24	02	0	02
22.11.2021	PF	Weed Management in wheat	01	OFF	28	02	30	10	02	12
23.11.2021	PF	Weed Management in wheat	01	OFF	26	04	30	10	02	12
25.11.2021	PF	Weed Management in wheat	01	OFF	20	06	26	08	05	13
02.11.2021	RY	INM in Mango	01	OFF	16	14	30	06	09	15
04.12.2021	PF	Weed Management in wheat	01	OFF	16	14	30	6	9	15
09.12.2021	PF	Weed Management in Lentil	01	OFF	21	10	31	06	07	13
21.12.2021	PF	Weed Management in wheat	01	OFF	24	0	24	12	0	12
22.12.2021	RY	Weed Management in Makhana	01	ON	31	0	31	03	0	03
24.12.2021	RY	Weed Management in Veg. crops	01	ON	28	05	33	18	03	21
Horticulture										
02.01.2021	PF	Organic farming of veg.	01	OFF	17	0	17	05	0	05
16.01.2021	PF	Scientific cultivation of onion	01	OFF	18	0	18	05	0	05
29.01.2021	PF	Scientific cultivation of Makhana	01	OFF	21	06	27	17	06	23
02.02.2021	PF	Care & management of mango orchard	01	OFF	38	0	38	04	0	04
03.02.2021	PF	Scientific cultivationof Makhana	01	OFF	15	06	21	12	05	17
05.02.2021	PF	Marketing strategies of	01	OFF	12	0	12	10	0	10

		Makhana								
09.02.2021	PF	Round the year veg. cultivation	01	OFF	26	24	50	24	24	48
17.02.2021	PF	Scientific cultivation of Okra	01	OFF	32	08	40	02	05	07
18.02.2021	PF	Organic cultivation of cucumber	01	OFF	36	07	43	03	02	05
19.02.2021	PF	Vermicompost Production tech.	01	OFF	32	01	33	03	01	04
26.02.2021	PF	Vermicompost Production tech.	01	OFF	22	29	51	22	29	51
06.03.2021	PF	Nursery management of veg. crops	01	ON	16	0	16	02	0	02
20.03.2021	PF	Use of biofertilizer in veg. crops	01	ON	30	0	30	09	0	09
22.03.2021	PF	Makhana Prod. System	01	ON	21	04	25	16	04	20
23.03.2021	PF	Makhana Prod. System	01	ON	19	06	25	18	05	23
05.04.2021	PF	Orchard Management	01	ON	34	0	34	04	0	04
07.05.2021	PF	Nursery Management	01	ON	17	0	17	04	0	04
10.05.2021	PF	Layout management of mango	01	ON	18	03	21	07	0	07
15.05.2021	PF	Propagation of orchard	01	ON	19	0	19	02	0	02
21.05.2021	PF	Off season cultivation of veg.	01	ON	12	06	18	01	0	01
05.06.2021	PF	Plantation tech and orchard management	01	ON	33	07	40	11	3	14
15.06.2021	PF	Use of biofortified in veg.crops	01	OFF	26	08	34	26	08	34
21.06.2021	PF	Commercial fruit production tech.	01	OFF	28	12	40	17	09	26
01.07.2021	PF	Use of organic inputs	01	OFF	05	25	30	03	19	22
12.07.2021	PF	Nursery raising and management of veg. crops	01	OFF	11	19	30	10	11	21
14.07.2021	PF	Protected cultivation	01	OFF	14	17	31	09	13	22
14.07.2021	PF	High density planting	01	OFF	19	08	27	12	06	18
16.07.2021	PF	Planting material of major horti crops	01	OFF	20	0	20	0	0	0
19.07.2021	PF	Organic veg. production	01	OFF	44	06	50	0	0	0
20.07.2021	PF	Training and pruning of horti. Crops	01	OFF	14	01	15	07	01	08
28.07.2021	RY	Scientific cultivation of	01	OFF	17	02	19	02	0	02

		turmeric and Ginger								
29.07.2021	RY	Role of INM in Horti. Crops	01	OFF	53	0	53	02	0	02
03.08.2021	PF	Nursery raising of veg. crops	01	OFF	46	04	50	0	0	0
03.08.2021	PF	Vermicompost production	01	OFF	23	0	23	0	0	0
05.08.2021	PF	Scientific cultivation of cole crops	01	ON	06	14	20	2	8	10
09.08.2021	PF	High density planting system of fruit crops	01	OFF	24	26	50	14	12	26
10.08.2021	PF	Production tech. of off season veg.	01	OFF	29	22	51	27	22	49
17.08.2021	PF	INM	01	OFF	20	30	50	03	18	21
18.08.2021	PF	Commercial fruit prod.	01	OFF	48	02	50	0	0	0
11-13.08.2021	RY	Off season veg. cultivation	03	ON	26	04	30	04	0	04
01.09.2021	PF	Vermicompost production	01	OFF	12	04	16	04	01	05
03.09.2021	PF	Nursery raising of veg. crops	01	ON	58	10	68	28	08	36
06.09.2021	PF	Scientific cultivation of cole crops	01	OFF	45	05	50	05	04	09
09.09.2021	PF	Veg. cultivation	01	OFF	35	15	50	10	09	19
20.09.2021	PF	High density planting	01	OFF	16	0	16	02	0	02
20.09.2021	PF	Organic cultivation of veg. crops	01	OFF	26	31	57	7	18	25
21.09.2021	PF	Training and pruning of orchard	01	OFF	44	34	78	23	34	57
16-18.09.2021	RY	Organic cultivation of veg.	03	ON	22	08	30	5	5	10
18.09.2021	RY	Off Season veg.	01	ON	18	05	23	4	4	8
30.09.2021	RY	Scientific cultivation of Makhana	01	ON	35	0	35	14	0	14
24.09.2021	EF	Role of micro nutrient	01	ON	29	01	30	11	0	11
01.10.2021	PF	Makhana grower cum processor	01	ON	27	0	27	07	0	07
08.10.2021	PF	Nursery raising technique	01	ON	40	03	43	07	03	10
20.10.2021	PF	Use of Vermicompost in veg.	01	ON	14	0	14	0	0	0
21.10.2021	EF	Nursery Raising tech. of veg. crops	01	ON	119	05	124	33	03	36
26.10.2021	PF	Nutrient Management of cole crops	01	ON	27	0	27	11	0	11
02.11.2021	RY	Care & management of mango orchard	01	OFF	16	14	30	06	09	14

16.11.2021	PF	INM in veg. crops	01	OFF	24	0	24	02	0	02
17.11.2021	PF	Application of ermin compost	01	OFF	27	03	30	07	01	08
19.11.2021	PF	Nursery management of cole crops	01	OFF	18	13	31	09	08	17
22.11.2021	PF	Care and maintenance of mango orchard	01	OFF	28	02	30	10	02	12
23.11.2021	PF	Nutrient Management of orchard	01	OFF	26	04	30	10	02	12
24.11.2021	PF	Integrated disease management in veg. crops	01	OFF	20	06	26	08	05	13
26.11.2021	EF	Use of Vermicompost in horti.	01	ON	26	01	27	07	01	08
04.12.2021	PF	Care and management of mango orchard	01	OFF	16	14	30	6	9	15
09.12.2021	PF	Organic cultivation of veg. crops	01	OFF	21	10	31	6	7	13
21.12.2021	PF	Nursery raising tech. of makhana	01	OFF	24	0	24	12	0	12
22.12.2021	RY	Nursery management of Makhana	01	ON	30	0	30	3	0	3
24.12.2021	RY	Use of Vermicompost in veg. crops	01	ON	28	05	33	18	3	21
Plant Protection										
08.01.2021	PF	IPM in oilseeds	01	OFF	20	03	23	01	01	02
11.01.2021	RY	Mushroom Production	01	ON	19	01	20	01	06	07
28.01.2021	RY	Beekeeper	01	ON	25	0	25	07	0	07
09.02.2021	PF	IPM in wheat	01	OFF	26	24	50	24	24	48
17.02.2021	PF	IPM in cereals and oilseeds	01	OFF	32	08	40	02	05	07
18.02.2021	PF	IPM in pulses	01	OFF	36	07	43	03	02	05
25.02.2021	PF	IPM in pulses	01	OFF	24	03	27	06	03	09
26.02.2021	PF	IPM in wheat and oilseeds	01	OFF	22	29	51	22	29	51
17.03.2021	PF	IPM in Green Gram	01	OFF	40	10	50	0	0	0
18.03.2021	PF	IPM in Green gram	01	OFF	40	10	50	8	6	14
19.03.2021	PF	IPM in Green gram	01	OFF	39	11	50	0	0	0
22.032021	PF	Water management	01	ON	55	20	75	18	0	18
23.03.2021	RY	IPM in makhana	01	ON	44	06	50	06	0	06
03.04.2021	PF	IPM technology for organic farming	01	OFF	50	0	50	02	0	02
05.04.2021	RY	USE of IPM tools	01	ON	22	0	22	02	0	02
05.05.2021	PF	IPM practices	01	ON	17	0	17	03	0	03

		for nursery								
20.05.2021	PF	Mushroom cultivation	01	ON	20	0	20	01	0	01
22.05.2021	RY	Bee keeping	01	ON	13	0	13	0	0	0
10.06.2021	PF	IPM practices in green gram	01	OFF	26	02	28	26	02	28
18.06.2021	PF	IPM in paddy	01	OFF	25	0	25	08	0	08
03.07.2021	PF	Vermicompost Production	01	OFF	50	0	50	17	0	17
12.07.2021	PF	IPM in paddy	01	OFF	21	04	25	06	0	06
13.07.2021	PF	IPM in paddy	01	OFF	22	03	25	22	03	25
10.08.2021	PF	IPM in paddy	01	OFF	29	22	51	27	22	49
12.08.2021	PF	Oyester Mushroom production	01	OFF	18	35	53	18	35	53
17.08.2021	PF	Biological control of parthenium	01	ON	74	0	74	13	0	13
21.08.2021	EF	IPM in Kharif crops	01	ON	17	03	20	03	0	03
24-26.08.2021	RY	Mushroom cultivation	02	ON	29	01	30	11	0	11
08.09.2021	PF	IPMin paddy	01	OFF	20	02	22	03	02	05
18.09.2021	RY	Bee Keeping	01	ON	19	0	19	0	0	0
22.09.2021	PF	IPM in paddy	01	OFF	37	13	50	14	05	19
22-23.09.2021	RY	Bee Keeping	02	ON	30	0	30	11	0	11
24.09.2021	EF	IPM in paddy	01	ON	22	0	22	03	0	03
07-08.10.2021	RY	Mushroom cultivation	02	ON	13	06	19	0	0	0
16.10.2021	PF	IPM in paddy crop	01	OFF	22	23	45	08	20	28
28.10.2021	PF	IPM in veg. crop	01	ON	22	28	50	22	28	50
03.11.2021	PF	IPMin Rabi crops	01	OFF	37	13	50	18	9	27
08.11.2021	PF	Scientific cultivation of pulses and oilseeds	01	ON	48	02	50	13	02	15
18.11.2021	PF	Scientific cultivation of pulses and oilseeds	01	OFF	38	30	68	11	17	28
24.11.2021	PF	Scientific cultivation of pulses	01	OFF	22	08	30	03	08	11
29-30.11.2021	RY	Beekeeping	02	ON	40	0	40	09	0	09
14.12.2021	PF	IPM in Rabi crops	01	OFF	32	0	32	04	0	04
23.12.2021	PF	IPM in Rabi crops	01	OFF	41	09	50	18	09	27
28.12.2021	EF	IPM in Rabi crops	01	ON	26	01	27	09	01	10
29.12.2021	RY	Beekeeping	01	ON	17	0	17	03	0	03
Agril. Engineering										
08.01.2021	PF	Establishment of MIS	01	OFF	20	03	23	01	01	02
19-25.01.2021	RY	Repair and maintenance of farm machine	06	ON	16	0	16	02	0	02
17.02.2021	PF	RCT	01	OFF	32	08	40	02	05	07
18.02.2021	PF	Establishment of	01	OFF	36	07	43	03	02	05

		MIS								
26.02.2021	PF	RCT	01	OFF	22	29	51	22	29	51
02.03.2021	PF	Establishment of MIS	01	OFF	40	10	50	10	06	16
09.03.2021	PF	Use of plastic in Agri.	01	OFF	26	24	50	22	21	41
16.03.2021	PF	RCT	01	OFF	45	05	50	0	0	0
17.03.2021	PF	RCT	01	OFF	50	0	50	0	0	0
31.03.2021	RY	Reapir & maintenance of farm implements	01	ON	22	0	22	02	0	02
01-03.04.2021	RY	Reapir & maintenance of farm implements	03	ON	22	0	22	02	0	02
05.04.2021	PF	Application of ZTT in green gram	01	ON	34	0	34	04	0	04
01.07.2021	PF	Application of paddy drum seeder	01	OFF	05	25	30	03	19	22
12.07.2021	PF	Application of paddy drum seeder	01	OFF	11	19	30	10	11	21
19.07.2021	PF	Application of paddy drum seeder	01	OFF	44	06	50	0	0	0
20.07.2021	PF	Reapir & maintenance of MIS	01	OFF	14	01	15	07	01	08
28.07.2021	PF	Reapir & maintenance of MIS	01	OFF	17	02	19	02	02	04
29.07.2021	PF	Reapir & maintenance of MIS	01	OFF	53	0	53	02	0	02
03.08.2021	PF	Production of small tools	01	OFF	46	04	50	0	0	0
03.08.2021	PF	Production of small tools	01	OFF	23	0	23	0	0	0
05.08.2021	PF	Application of sprayer	01	ON	06	14	20	02	08	10
09.08.2021	PF	Application of sprayer	01	OFF	24	26	50	14	12	26
10.08.2021	PF	Application of sprayer	01	OFF	29	22	51	27	22	49
12.08.2021	PF	Crop residue management	01	OFF	18	35	53	18	35	53
17.08.2021	PF	Crop residue management	01	OFF	20	30	50	03	18	21
18.08.2021	PF	Crop residue management	01	OFF	48	02	50	0	0	0
16-18.08.2021	RY	Repair and Maintenance of farm Machine	03	ON	30	0	30	04	0	04
03.09.2021	PF	Use and maintenance of machine	01	ON	35	15	50	10	09	19
06.09.2021	PF	Use and maintenance of machine	01	OFF	45	05	50	05	04	09
08.09.2021	PF	Installation of MIS	01	OFF	20	02	22	03	02	05
09-10.09.2021	RY	Reapir &	02	ON	30	0	30	04	0	04

		maintenance								
18.09.2021	PF	Production of small tools	01	OFF	23	11	34	11	11	22
20.09.2021	PF	Production of small tools	01	OFF	50	0	50	02	0	02
20.09.2021	PF	Production of small tools	01	OFF	26	31	57	07	18	25
21.09.2021	PF	Application of RCT (ZTT)	01	OFF	44	34	78	23	34	57
22.09.2021	PF	RCT	01	ON	44	06	50	06	0	06
23.09.2021	EF	Care & Maintenance of farm implements	01	ON	20	03	23	02	01	03
29.09.2021	PF	RCT	01	OFF	55	0	55	06	0	06
05.10.2021	PF	RCT	01	ON	24	0	24	05	0	05
18.10.2021	PF	Reapir & maintenance	01	OFF	11	02	13	0	0	0
21.10.2021	EF	RCT	01	ON	119	05	124	33	03	36
22.10.2021	PF	RCT	01	ON	0	16	16	0	02	02
25.10.2021	PF	Application of ZTT	01	OFF	21	0	21	03	0	03
26-27.10.2021	RY	Establishment of MIS	02	ON	30	0	30	0	0	0
22.11.2021	PF	Application of ZTT	01	OFF	28	02	30	10	02	12
23.11.2021	PF	Application of ZTT	01	OFF	26	04	30	10	02	12
25.11.2021	PF	Application of ZTT	01	OFF	20	06	26	08	05	13
26.11.2021	EF	Repair & Maintenance of ZTT	01	ON	26	01	27	07	01	08
04.12.2021	PF	Application of ZTT	01	OFF	16	14	30	06	09	15
09.12.2021	PF	Application of ZTT	01	OFF	21	10	31	06	07	13
21.12.2021	PF	Application of ZTT	01	OFF	24	0	24	12	0	12
Home Science										
08.02.2021	PF	Mushroom cultivation	01	ON	08	12	20	02	0	02
15.02.2021	PF	Value addition	01	OFF	0	24	24	0	0	0
10.03.2021	PF	Mushroom cultivation	01	ON	0	18	18	0	0	0
18.03.2021	PF	Nutritional Garden	01	OFF	01	14	15	0	0	0
25.03.2021	RY	Technique of herbal gulal	01	ON	0	16	16	0	0	0
10.06.2021	PF	Nutritional Garden	01	OFF	26	02	28	26	02	28
28.06.2021	PF	Women & child care	01	ON	05	06	11	0	0	0
01.07.2021	PF	House hold food security	01	OFF	0	10	10	0	0	0
26.07.2021	PF	Minimization of Nutrient loss	01	OFF	0	16	16	0	0	0
12.07.2021	PF	Importance of Nutri garden	01	OFF	04	18	22	04	18	22
04.08.2021	PF	Nutri Garden	01	OFF	03	24	27	0	0	0
21.08.2021	EF	Nutri Garden	01	ON	0	30	30	0	05	05
26-27.08.2021	RY	Layout of Nutri	02	ON	05	34	39	04	16	20

		Garden								
04.09.2021	PF	House hold food security	01	OFF	17	53	70	17	53	70
13-14.09.2021	RY	Rural craft making	02	ON	0	30	30	0	0	0
18.09.2021	PF	Techniques of Nutri garden	01	ON	20	0	20	0	0	0
17.09.2021	EF	Nutri Garden	01	ON	0	50	50	0	0	0
27.09.2021	EF	Women & child care	01	ON	0	20	20	0	0	0
08.10.2021	PF	Importance of Nutri garden	01	OFF	0	23	23	0	08	08
15.10.2021	PF	Importance of Nutri garden	01	OFF	0	27	27	0	14	14
21-22.10.2021	RY	Mushroom Cultivation	02	ON	0	33	33	0	11	11
27.10.2021	PF	Dradgery reduction	01	OFF	0	30	30	0	0	0
02.11.2021	PF	Importance of Nutri Garden	01	OFF	0	18	18	0	0	0
22-24.11.2021	RY	Mushroom cultivation and preservation	03	ON	02	28	30	02	28	30
25.11.2021	PF	Mushroom cultivation	01	ON	01	29	30	01	29	30
04.12.2021	PF	House hold food security	01	OFF	0	21	21	0	03	03
13-14.12.2021	RY	Importance of Nutri Garden	02	ON	02	28	30	02	28	30
15.12.2021	PF	Value addition	01	OFF	0	21	21	0	04	04
24.12.2021	PF	Management of Nutri garden	01	OFF	16	0	16	0	0	0
Capacity building & group dynamics										

(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	
Maintenance of farm machine	Operation of farm machinery	Tractor operator	06	16	0	16	02	02	02	
seed Production	Quality seed Production	Quality seed Production	200 hr.	18	0	18	0	0	0	
Makhana	Income Generation	Makhana Grower cum Processor	10	29	0	29	15	15	15	
Bee Keeping	Bee Keeping	Bee Keeper	10	28	0	28	06	06	12	

*training title should specify the major technology /skill transferred

G. Sponsored Training Programmes:

Sl. No	Title	Thematic area	Month	Duration (days)	PF/ RY/ EF	No. of courses	No. of Participants									Sponsoring Agency
							Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total
1.	Scientific cultivation of Rabi crops	ICM	Oct.	01	PF	01	119	24	0	56	12	0	175	36	0	211	ATMA, Saharsa
2.	ICM in pulses and oilseeds	ICM	Feb.	03	PF	03	225	46	0	03	20	0	228	66	0	294	ATMA, Saharsa
3.	Scientific cultivation of Rabi crops	ICM	Jan.	01	PF	01	86	07	0	03	04	0	89	11	0	100	ATMA, Saharsa
4.	Production tech. of Rabi crops	Yield Increment	Oct.	05	PF	05	512	152	0	98	39	0	610	191	0	801	ATMA, Saharsa
5.	Agronomic Management of Paddy	Yield Increment	June	01	EF	01	28	9	0	3	0	0	31	9	0	40	DAO, Saharsa
9.	Different Agronomic practices in Kharif	ICM	Aug.	05	PF	05	419	73	0	41	107	0	460	180	0	640	ATMA, Saharsa
10.	Vermi compost production	Production of organic inputs	March	01	EF	01	27	0	0	01	0	0	28	0	0	28	ATMA, Supaul
11.	Kharif Mahotsav	ICM	June	01	EF	01	431	47	17	13	06	13	444	53	30	527	BAMETI, Patna
12.	Vegetable & orchard Management	ICM	Aug.	04	PF	04	423	72	0	89	40	0	512	112	0	624	ATMA, Saharsa
13.	Vegetable & orchard Management	ICM	Oct.	03	PF	03	260	68	0	16	20	0	276	88	0	364	ATMA, Saharsa
14.	IPM in Rabi crops	IPM	Jan.	01	PF	01	88	19	0	06	09	0	94	28	0	122	ATMA, Saharsa
15.	Mushroom Production	Income Generation	Feb.	02	RY	02	20	06	0	02	02	0	26	04	0	30	MBAC, Saharsa
16.	IPM in Rabi crops	IPM	Feb.	03	PF	03	222	53	0	07	24	0	229	77	0	306	ATMA, Saharsa
17.	IDM & IPM	IDM & IPM	March	02	EF	02	31	07	0	02	0	0	33	07	0	40	MBAC, Saharsa
18.	Management of Micro nutrient	Nutrient Management	April	02	EF (DAESI)	02	55	11	0	06	08	0	61	19	0	80	MBAC, Saharsa
19.	IPM in crops	IPM	June	05	EF	05	28	09	0	03	0	0	31	09	0	40	ATMA, Saharsa

20.	IDM & IPM of Maize	IPM & IDM	July	01	EF	01	33	04	0	03	0	0	36	04	0	40	ATMA, Saharsa
21.	IPM of Kharif crops	IPM	Aug.	05	PF	05	282	49	0	18	63	0	300	112	0	412	ATMA, Saharsa
22.	IPM in Rabi crops	IPM	Oct.	04	PF	04	660	190	0	77	169	0	737	359	0	1096	ATMA, Saharsa
23.	IPM in Rabi crops	IPM	Oct.	05	PF/EF	05	313	113	0	29	134	0	342	247	0	589	ATMA, Saharsa
24.	Bee keeping	Income Generation	Dec.	01	PF	01	29	08	0	0	03	0	29	11	0	40	ATMA, Saharsa
25.	Appliction of modern agri. system	RCT	Jan.	01	PF	01	86	07	0	03	04	0	89	11	0	100	ATMA, Saharsa
26.	Farm Machanization	RCT	Jan. & Feb.	02	EF	02	31	7	0	02	0	0	33	07	0	40	MBAC,Saharsa
27.	Farm Implements and machineries	RCT	April	02	EF	02	29	04	0	02	05	0	31	09	0	40	MBAC, Saharsa
28.	Farm Implements and machineries	RCT	Aug.	06	PF	06	579	125	0	107	77	0	686	202	0	888	ATMA, Saharsa
29.	Application of ZTT	RCT	Oct.	01	PF	01	119	24	0	56	12	0	175	36	0	211	ATMA, Saharsa
30.	Mushroom Cultivation	Income Generation	Jan.	02	RY	02	16	02	0	01	01	0	17	03	0	20	MBAC, Saharsa
31.	Mushroom Cultivation	Income Generation	Feb.	03	RY	03	0	13	0	0	12	0	0	25	0	25	MBAC, Saharsa
32.	Post harvesting	Post harvesting	Feb.	02	RY	02	25	0	0	0	0	0	25	0	0	25	MBAC, Saharsa
33.	Post harvesting	Post harvesting	March	01	RY	01	19	0	0	06	0	0	25	0	0	25	MBAC, Saharsa
34.	Post harvesting	Post harvesting	Aug.	01	RY	01	03	10	0	4	13	0	07	23	0	30	MBAC, Saharsa
35.	Livelihood opportunity for disability	Women Empowerment	Sept.	02	RY	02	05	10	0	03	12	0	08	22	0	30	World Vision, Saharsa

3.4. A. Extension Activities (including activities of FLD programmes) ★

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		Male	Female	Total	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	04	232	48	280	14	03	01	04	235	49	284
KisanMela	2	380	160	540	28	310	98	408	690	258	948
KisanGhosthi	30	3505	1187	4692	29	269	58	327	3774	1245	5019
Exhibition	2	380	160	540	28	310	98	408	690	258	948
Film Show	12	136	127	263	03	0	0	0	136	127	263
Method Demonstrations	12	2416	766	3182	11	20	0	20	2436	766	3202
Farmers Seminar	01	71	48	119	40	0	0	0	71	48	119
Workshop	04	307	138	445	0	0	0	0	307	138	445
Group meetings	0	0	0	0	0	0	0	0	0	0	0
Lectures delivered as resource persons	24	2347	1206	3553	04	96	34	130	2443	1240	3683
Advisory Services	829	678	151	829	5	0	0	0	678	151	829
Scientific visit to farmers field	35	1228	294	1522	33	0	0	0	1228	294	1522
Farmers visit to KVK	1927	1490	437	1927	37	0	0	0	1490	437	1927
Diagnostic visits	137	259	87	346	04	0	0	0	259	87	346
Exposure visits	2	34	42	76	05	0	0	0	34	42	76
Ex-trainees Sammelan	3	51	36	87	04	0	0	0	51	36	87
Soil health Camp	0	0	0	0	0	0	0	0	0	0	0
Animal Health Camp	0	0	0	0	0	0	0	0	0	0	0
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	1	147	125	272	17	48	21	69	195	146	341
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	0	0	0	0	0	0	0	0	0	0	0
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0

Celebration of important days (specify)	30	759	641	1400	11	122	23	145	881	664	1545
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	39	638	214	852	11	0	0	0	638	214	852
Mahila Kisan Divas	01	0	157	157	12	0	0	0	0	157	157
Video Conf.	28	225	102	327	8	96	12	108	321	114	435
Total	3123	15283	6126	21409		1274	345	1619	16557	6471	23028

H. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	15
Radio talks	0
TV talks	03
Popular articles	12
Extension Literature	6
Other, if any	

F. 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.)	03	87	45	132	4	12	1	13	99	46	145
World Water Day	02	48	22	70	15	4	0	4	52	22	74
International Women's Day (8th Mar.)	04	0	57	57	6	03	01	04	03	58	61
Ambedkar Jayanti (14th Apr.)	0	0	0	0	0	0	0	0	0	0	0
International Yoga Day (21st Jun.)	01	3	1	4	0	12	1	13	15	02	17
Independence Day (15th Aug.)	03	67	45	112	4	12	1	13	79	46	125
Parthenium Awareness Week (16th to 22nd Aug.)	02	122	02	124	2	5	1	6	127	03	130
Hindi Diwas (14th Sep.)	0	0	0	0	0	0	0	0	0	0	0
Gandhi Jayanti (2nd Oct.)	02	43	18	61	6	06	01	07	49	19	68
Mahila Kisan Diwas (15th Oct.)	01	0	27	27	4	03	01	04	03	28	31
World Food Day (16th Oct.)	02	44	46	90	8	03	00	03	47	46	93
Vigilance Awareness Week (27th Oct. to 2nd Nov.)	01	0	0	0	0	12	1	13	12	1	13
National Unity Day (31st Oct.)	0	0	0	0	0	0	0	0	0	0	0
World Science Day (10th Nov.)	0	0	0	0	0	0	0	0	0	0	0
National Education Day (11th Nov.)	0	0	0	0	0	0	0	0	0	0	0
National Constitution Day (26th Nov.)	03	177	23	200	11	08	01	09	185	24	209
World Soil Day (5th Dec.)	01	132	89	221	8	03	01	04	135	90	225
Kisan Diwas (23rd Dec.)	01	36	14	50	2	03	00	03	39	14	53
Poshan Maha Abhiyan 17.09.2021	04	0	252	252	60	36	13	49	36	265	301
	30	759	641	1400	130	122	23	145	881	664	1545

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
01	29.01.2021	Interaction Programme with KVKs	Hon'ble AM (Govt. of Bihar)	0	10	0	10
02	10.02.2021	National Horticulture Fair	Hon'ble AM	20	05	0	25
03	16.07.2021	ICAR Foundation Day	Hon'ble AM	17	12	01	30
04	26.08.2021	Azadi Ka Amrit Mahotsav" Food & Nutrition for Farmers"	Hon'ble AM	119	12	01	132
05	16.12.2021	Natural Farming	Hon'ble PM	327	12	01	340

3.5 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
Total								

KVK farm (2021)

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Wheat (2020-21)	Sabour Shreshtha, HI 1563	118.4	350000/-	37		199	236
Mustard	R. Suflam	5.25	35000/-	21		99	120
Lentil	HUL 57	8.0	70000/-			57	57
Linseed	S.Tisi 1	4.5	32000/-			45	45
Pea	Prakash	10.25	80000/-			25	25
Paddy	Sabour Shree	245	Unprocess Stored in farm godown				
	Rajendra Sweta	105	Unprocess Stored in farm godown				
Grand Total							

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	Shriram Mariko	2110	4220	8		67	75
Cabbage	Zennith	409	818			4	04
Tomato	VL 642	354	708			4	04
Brinjal	Hisar	444	888	2		13	15
Chilli	Royal Bullet	314	628			4	04
Onion							

Drumstick	PKM 1	150	3000	12		38	50
Brocoli	Daina	1132	2264	4		16	20
Capsicum	Keshav	965	9930			10	10
Fruits							
Mango							
Guava							
Lime							
Papaya	Red Lady	85	1700	4		26	30
Banana							
Others							
Ornamental plants							
Medicinal and Aromatic							
Plantation							
Spices							
Turmeric							
Tuber							
Elephant yams							
Fodder crop saplings							
Forest Species							
Others, pl.specify							
Total		5963	15856	30		182	212

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted			
			SC	ST	Other	Total
Bio-fertilizers						
Bio-pesticide						
Bio-fungicide						
Bio-agents						
Others, please specify.						
Total						

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							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat							
Other, please specify							
Poultry							
Broilers							
Layers							
Duals (broiler and layer)							

Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Hog				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				
Others (Pl. specify)				
Grand Total				

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

i) Name of Seed Hub Centre:

Name of Nodal Officer :	Mr. Anand Chaudhary, SMS (PBG.)
Address :	Krishi Vigyan Kendra, Agwanpur, Saharsa
e-mail :	saharsakvk@gmail.com
Phone No. : Mobile :	7070900897

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)

iii) Financial Progress

Fund received	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2020-21				
2021-22				

iv) Infra structure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Authors name	Number	Circulation
Research paper	Early prediction of potato leaf disease using ANN classifier	Kumar sanjeev, N.K. Gupta, W.Jeberson and Suneeta Paswan	Vol 13 No.(2-3) Page No. 129-134	*Oriental journal of computer Sc. And technology*
	A review of potato disease detection using Image processing	Kumar sanjeev, N.K. Gupta, R.K Isaac and Suneeta Paswan	21(1) Page No. 23-30 (2021)	*Progressive Agriculture*
	Alternaria tenuissima causes leaf spot in makhana,	Kumar, S.,**Akhtar, M.N.** Kumar T. and Kumar, M. (2021).	*Current Science,* 120 (5): 749-750.	*Current Science*
	Opportunities in Agriculture, Animal Husbandry & Allied Sectors for Sustainable Entrepreneurship & Livelihood Security	Chhatarpal Singh Sudhir Singh Bhadoria **Md. Nadeem Akhtar**	**01**	AEDS, Rampur
	Entrepreneurship Strategies in Agriculture, Horticulture, Animal Husbandry & Allied Sectors for Economic Development of India	Prabhat Kumar Pal Chhatarpal Singh **Md. Nadeem Akhtar**	01	AEDS, Rampur
	Effect of pre-harvest treatment of GA_3 on physiological behaviour in Mango.	Deen Dayal Singh, R. R. Singh and Pankaj Kumar Ray	(2021)9(1): 1480-1484	*Int. J. of Che. Stud*.
	Effect of Pre-harvest Application of Gibberellic Acid on Delay in Maturity of Mango cv. Langra.		(2021)10(01): 3502-3509.	*Int. J. Curr. Microbiol. App. Sci*
	Study on physiological changes in mango cv. Langra under the influence of GA_3.		(2021)10(1): 1501-1505.	*J. of Pharmacog. and Phytoche*.
	Effect of GA_3 on Leaf Nutrients and Chemical Composition of Mango.		(2021)10(38): 283-287.	*Chem Sci Rev Lett*,
Seminar/ conference/ symposia papers	Assessment of raised bed planting system and mulching on crop establishment of banana	V.K.Pandey K.P.Singh	138	GREEN AGRO PROFESSIONAL SOCIETY, DHANBAD

	Sweet potato(Ipomoca Batatas (L.)Lam: A valuable Nutritious and medicinal food for indegenious consumption	Suneeta Paswan, Kumar Sanjeev, Ragini Kumari, Anita Gautam	24-26 Dec. Page no. 375	Abstract Proceesing Book, 3rd International conf. (ICFAI)
	Early prediciction of potato tuber diseases using ANN classifier	Kumar sanjeev, N.K. Gupta, Suneeta Paswan	24-26 Dec. Page no. 371	3rd International conf. (ICFAI)
	An application of Herbicides to study the growth of baby corn	Sarita Kumari, Kumar sanjeev, Suneeta Paswan	24-26 Dec. Page no. 386	3rd International conf. (ICFAI)
	Early prediciction of potato tuber diseases using KNN classifier	Kumar sanjeev, N.K. Gupta, Suneeta Paswan	Vol.1 ESSN 2321-4746	1st International Conf. on Energy global trends in Agriculture Bioogical and pharmaceutical Sc. (ICEGTABPS-2021)
	Conservation Agriculture: An approach to improve soil health;	Ragini Kumari, Rajeev Padbhusan, R. Kumar, B.K. Vimal, Kumar Sanjeev, Niru Kumari and Suneeta Paswan	Sl.No 03	3rd Conservation Agriculture
Books	Krishak Sandesh	Dr. K.M. Singh, Er. V.K. Pandey, Dr. Suneeta Paswan, Md. Nadeem Akhtar, Dr. P.K. Ray,	July 2021 Vol 12	KVK, Saharsa
	Telhani Faslon ki vaigyanik kheti	Dr. K. M. Singh Md. Nadeem Akhtar	01/2021	KVK, Saharsa
	Makhana avam Mushroom ki kheti	Dr. K. M. Singh , Md. Nadeem Akhtar Dr. P. K. Ray	02/2021	KVK, Saharsa
	Opportunities in Agriculture & Animal Husbandry Sectors for Sustainable Entrepreneurship & Livelihood Security	Chhatarpal Singh Sudhir Singh Bhadoria **Md. Nadeem Akhtar** Dr. Sanjay Kumar Jha	ISBN 978-93-91342-42-5	JPS Scientific Publications, India
Bulletins				
News letter Krishak Samachr	Krishak Samachar	, Dr. K.M. Singh Er. V.K. Pandey, Dr. Suneeta Paswan, Md. Nadeem Akhtar, Dr. P.K. Ray, Mr. Anand Chaudhary	1..Jan.-March 2.April-June 3. July-sept. 4. Oct.- Dec.	KVK, Saharsa
Popular Articles	Kusum Ki Kheti	Dr. K.M. Singh Sr Sci & Head	Krishak Sandesh Vol 12 ,2021:1-3	Saharsa KVK,
	Faslo ke rog awm kit prabhandan hetu jaiv karko ka prayog	Md. Nadeem Akhtar Dr. K. M. Singh , Dr. P. K. Ray	Krishak Sandesh Vol 12 ,2021:42-46	Saharsa KVK,
	Paryawran awam sanrakshit krishi	Dr. K. M. Singh , Dr. P. K. Ray	Krishak Sandesh Vol 19 ,2021:42-	Jehanabad KYK,

			39-41	
	Sabziyo me sichai ke samay ka nirdhan	Hemant kumar Dr. K. M. Singh , Dr. P. K. Ray	Krishak Sandesh Vol 12 ,2021;21-23	Saharsa KVK,
Book Chapter	Impact of ICT Agrientrepreneurship development	Dr C. K. Panda, P. Jena, S. R. Chaudhary, D. K. Patel & & **Md. Nadeem Akhtar**	ISBN 978-93-91342-42-5	JPS Scientific Publications, India
	Mushroom Production: A lustrous Agricbusiness and secure Employment Opportunity	Dr. Santosh Kumar, D. K. Patel, Tribhuwan Kumar **Md. Nadeem Akhtar** & Mehtab Rashid	ISBN 978-93-91342-42-5	JPS Scientific Publications, India
	Wb Designing and publishing for Agripreneur successful Business	Dr C. K. Panda, P. Jena, S. R. Chaudhary, D. K. Patel & & **Md. Nadeem Akhtar**	ISBN 978-93-91342-42-5	JPS Scientific Publications, India
	Basic Knowledge of essential Nutrients your body needs	*Suneeta Paswan*, Kumar Sanjeev, Anita Gautam, Ragini Kumari	26 Page no 260-276	Multi-Disciplinary Approaches for development of Agri. and allied Sector in global scenario
	Moringa oleifera (Drumstick): A review on nutritional and its medicinal importance"	Anita Gautam, Sandeep Kumar, *Suneeta Paswan*	25 Page No. 251-259	Multi-Disciplinary Approaches for development of Agri. and allied Sector in global scenario
	Mitigation of climate change through resource conservation tech.	Ragini Kumari, Sangeeta shree, Ruby saha, Suneeta Paswan, Niru Kumari, Suneta Kumari, Geeta Kumari and Sushma Sarojsurin	29 Page 232-250	Multi-Disciplinary Approaches for development of Agri. and allied Sector in global scenario
	Post hrvest management of mushroom	Sandeep Kumar, Anita Gautam, Suneeta Paswan,	2 Page No 10-18	Online International Conference Agriculture, Biological and life science
	Organic farming technology for plant protection : An ecofriendly approach"	Niru Kumari, Ragini Kumari, Suneeta Paswan and Umakant Singh	10 Page No 79-82	Online International Conference Agriculture, Biological and life science
	Underutilized Vegetables: A Rich Source of Medicinal Value.	P. K. Ray, R. N. Singh and Anjani Kumar	(2021). 296-303.	Mahima Research Foundation and Social Welfare. UP, Ind
	Impact of Heat on Vegetable Crops and Mitigation Strategies	Pankaj Kumar Ray, Hemant Kumar Singh, Shashank Shekhar Solankey, R. N. Singh, and Anjani Kumar	221-234.	Springer Nature Switzerland AG, Switzerland.
	Impact of Climate Change on Leguminous Vegetables Productivity and Mitigation Strategies.	Hemant Kumar Singh, **Pankaj Kumar Ray**, Shashank Shekhar Solankey, and R. N. Singh	149-162	Springer Nature Switzerland AG, Switzerland.
	Challenges and	Shashank Shekhar	13-60	Springer Nature

	Opportunities in Vegetable Production in Changing Climate: Mitigation and Adaptation Strategies	Solankey, Meenakshi Kumari, Shirin Akhtar, Hemant Kumar Singh, and **Pankaj Kumar Ray**		Switzerland AG, Switzerland
	Nursery Management in Horticultural Crops: A Beneficial Way for Enhancing Income.	P. K. Ray, R. N. Singh and Anjani Kumar	52-64.	Scripown Publications
Extension Pamphlets/ literature				
Review paper	Review on effect of seed priming in vegetable crops.	Pankaj Kumar Ray, Raj Narain Singh, Anjani Kumar	6(5): 88-90. (2021).	*Int. J. of Bot. Stud*.
	Aonla- A unique fruit tree with rich nutritional and medicinal properties.	Pankaj Kumar Ray, Raj Narain Singh, Anjani Kumar	3(3): 150-153 (2021)	*Int. J. of Eco. and Envir. Sci*.,
Technical reports	SAC Meeting Report, Annual Report, Extension Council Report	Dr. K.M. Singh, Er. V.K. Pandey, Dr. Suneeta Paswan, Md. Nadeem Akhtar, Dr. P.K. Ray, Mr. Anand Chaudhary	2020-21	KVK.Saharsa
Electronic Publication (CD/DVD/SD card etc)				
TOTAL				

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:

S. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	5th international agronomy congress Hyderabad	Agriculture innovations to combat food and nutrition challenges	Dr K M Singh, S.r Sci. & Head	23-27 Nov,2021	Indian Society of Agronomy
2.	Work shop	Preparation of action plant BSDM 2021-2022	Dr K M Singh, S.r Sci. & Head	6 April 2021	BAMETI PATNA
3.	Meeting	21 ECM and seed council	Dr K M Singh, S.r Sci. & Head	8-9 Oct 2021	BAU,Sabour
4.	Workshop	CRA Review meeting	Dr K M Singh, S.r Sci. & Head	13-14 Sep 2021	BAMETI PATNA

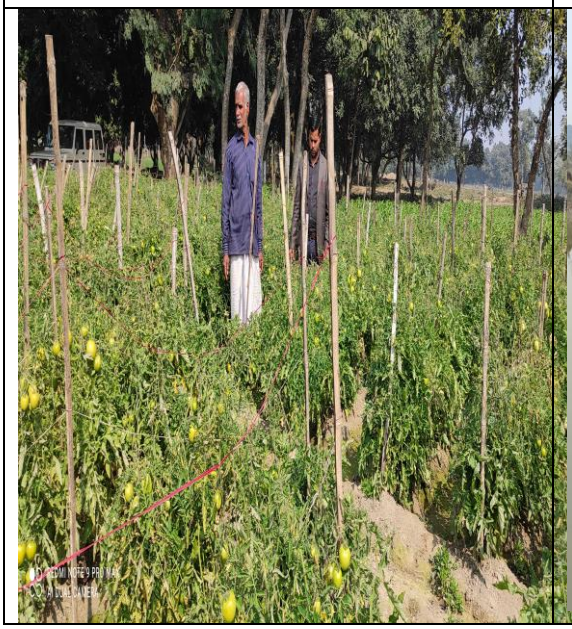
3.7.Success stories/Case studies, if any (two or three pages write-up on each case with suitable action photographs)

1. Success story

Name of farmer	Suruchi Singh
Address	Ward No. 06, Sardhia, Simribakhtiyarpur
Contact details (Phone, mobile, email Id)	7004536546
Landholding (in ha.)	1.5 acre
Name and description of the farm/ enterprise	Suruchi Mushroom Farm
Economic impact	Earning 10800/month by growing Mushroom
Social impact	Approx. 23 person of the locality influnceed by her and growing Mushroom for own use and commercial purpose as well as 280 person of the locality are the regular customer as influence with the nutritional and medicinal values of the Mushroom
Environmental impact	Used straw for Mushroom Cultivation, after that residue utilized for vermicomposting and Vermicompost is use as an organic input for vegetable production in the kitchen garden of the locality.
Horizontal/ Vertical spread	3 to 5 % Annually spread of technology by motivating the farmers and youth for there economic and nutritional importance in the locality.
	

2. Success story

Name of farmer	Sri Shyam Kishore Singh
Address	Village- Bharauli, Block- Kahara, Dist.- Saharsa, Bihar
Contact details (Phone, mobile, email Id)	7739055036
Landholding (in ha.)	2.5
Name and description of the farm/ enterprise	Shyam Kishore Singh is one of the many farmers benefitted by the technology of Integrated farming system. Sri Singh deriving his livelihood from the 5 acre land at Village Bharauli, Block- Kahara, Dist- Saharsa. Previously, he grown rice in 5 acre land during Kharif and vegetables in 2 acre land during Rabi. He has a pond and 08 cows but these are unproductive. The productivity of all crops & livestock's was very low as compared to standards. During the year 2018-19 Sri Singh came to contact and participated in extension activities of KVK. He adopted new improved agriculture technology of Rice, Maize, and Vegetables Cultivation as well as fish and cow farming as per suggestion given by KVK Scientists.
Economic impact	Presently, Sri Singh gets net income of Rs. 3, 68,000/- with an average of Rs. 30666/- per month. The net income increased 57.6 % by adopting improved agricultural practices and Integrated Farming system.

	Integrated Farming System provide opportunities as crop insurance cover as money round the year are obtained from different farm produces. The integrated farming system not only increases the farm income but it also increases the Sustainability.
Social impact	Integrated farming system not only supplements the income of the farmers but also help in increasing the family labour employment. Socio-economic status of the farmers would bring prosperity in the farming. Agriculture practiced with animal husbandry not only gives additional income and employment opportunity to the family members around the year and also livestock excreta utilized as manures lowered the cost of fertilizers.
Environmental impact	The adoption of integrated Farming System involving minimum use of external inputs, crop residue recycling and organic practices can improve economic and ecological issues. With this challenge, Sri Singh is integrating all the existing resources available in his farm completely for the economic and ecological improvements for the past 4 years. Sri Singh says, farm wastes are better recycled for productive purposes in the integrated system. A judicious mix of agricultural enterprises like dairy, poultry, fishery etc. suited to the given agro-climatic conditions
Horizontal/ Vertical spread	His success influenced neighbouring farmers so much that many other farmers get interested and adopted the IFS models in their farm. Sri. Singh income increased more than two times which improved his livelihood and its example for others farmers to adopt this practice. Farmers are impressed and adopt integrated farming system after viewing the result demonstration of Integrated Fish Farming.
	

3. Success story

Name of farmer	Sri Suresh Mukhiya
Address	Village- Purikh, Block- Sattarkataiya, Dist.- Saharsa
Contact details (Phone, mobile, email Id)	6205930815
Landholding (in ha.)	6.0
Name and description of the farm/ enterprise	Total cultivable land available with the family is approximately 0.5 acre. Earlier, he used to grow conventional crops like rice, maize, wheat as well as coarse grains, but the low monetary returns induced his family to search options for better returns. Sri Suresh Mukhiya wanted to improve the economic and social status of his family and motivated to adopt agriculture as main stay of livelihood. He came in contact with the scientist of KVK, Saharsa and thought to utilize locally available resources in a particular agro-ecological situation in a very scientific manner to increase the farm productivity of resources. He hired 15 acres of land on lease for Rs-1.75 lakh for cultivation of Makhana-cum-fish culture.
Economic impact	Sri Suresh Mukhiya established a Makhana-cum-fish pond of 15 acre land with goat farming. Sri Suresh Mukhiya earns approximately 8 lakhs annually through the Makhana-cum-fish culture and other enterprises in his farm. In the recent years, Sri Suresh Mukhiya and his family have undergone a remarkable change, emerging as role models in their village and nearby areas.
Social impact	The social impact was that the youth is following him as he has proven that Makhana cum fish culture is a very good profession particularly to rural youths as they can earn good income even while caring their family and using the barren/ waterlogged land and converting such land into productive land. The land holders get money from the lease and also help in getting self employment to the youths. It also helps in generation of employment (Labour, Watchmen, netting party, vehicle owners for transport of fish & Makhana and inputs etc.)
Environmental impact	Makhana cum fish Farming with little external inputs, crop residue recycling, and organic techniques can address both economic and environmental difficulties. Sri Mukhiya has been integrating all of the current resources available on his farm for economic and ecological benefits over the past 5 years with this challenge. According to Sri Mukhiya, Makhana trash is better recycled for beneficial applications in the system.
Horizontal/ Vertical spread	He has been instrumental in encouraging about a dozen more villagers to become Makhana-fish farmers. He is promoting the concept of integrated Makhana cum fish farming on his experiences and the training that he has been gained by the Krishi Vigyan Kendra, Saharsa. In future, he wants to establish hatchery production unit and Makhana processing unit. Today, he is living with sufficient wealth and social respect.

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.			
2.			

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.	Maize	Spray of cow dung solution on plant	Control of Insect & Pest
2	Potato	Field smoking	Prevention of LBD in potato
3.	Lentil	Use of oriender seed mixed with lentil for sowing	Control of Pod borer
4.	Fishery	Diping cut of banana log in fish pound	Improve aeration

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1.	Vermicompost	9000	10 ton/unit	3000	Y
2.	Vegetables	300	100 qt/ha	550	Y

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	PRA. Survey using (Questionnaires & Schedule) Meeting-Discussion. Observation (Participant & Non Participant observation) Diagnostic visit	RAWE/DFI/Village adaptation/
2	Transect walk/Problem cause diagram	RAWE/DFI/Village adoption

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

Sl. No	**Name of the Equipment**	**Qty.**	**Remarks**
1	pH meter	01	Working
2	CEC meter	01	Working
3	Electronic balance	01	Working
4	Distillation unit	01	Out of order
5	Spectrometer	01	Out of order
6	Thermostatic plate	01	Out of order
7	Hot air oven	01	Out of order
8	Horizontal shaker	01	Out of order
9.	Soil Testing Kit	02	Working

3.11.b. Details of samples analyzed so far: (2021)

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			
280	0	280	280	06	--

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

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

3.11. d. 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.	Training, Seminar, Farmers interaction, Exhibition, Farm Expouser Visit	272	03	1. Dr. Umesh Singh, Principal, MBAC, Saharsa 2. Arun Yadav, Mukhiya (Aukahi Panchayat) **3.** Vidyanand Yadav (Surpanch)	55	275

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
02	15	15000	333	8

3.13 Technology week celebration: N/A

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

3.14. RAWE/ FET programme – is KVK involved? (Y/N)

No of student trained	No of days stayed
13	Oct.- Dec. 2021

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
18.06.2021	Dr. R. N. Singh, ADEE, BAU, Sabour Dr. Anjani Kumar Singh, Director ATARI(Patna) Dr. Umesh Singh, Regional Co-ordinator (Zone-II) Cum Principal, MBAC, Agwanpur, Saharsa.	SAC Meeting
30.10.2021	Commissioner, Koshi Division DDC, Saharsa JDA & DAO Saharsa Dr. R.K. Sohane, DEE, BAU, Sabour Dr. P.K. Singh, DSF & DR, BAU, Sabour	Pre Rabi Sammelan

4.0 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)
Bee Keeping	29	45	0	3000/Box
Makhana Procuction though HYV Sabour Makhana 1	55	60	40000/ha.	73000/ ha.
Application of Zero Tillage Technology in wheat crops	585	66	19673/ha.	24797/ha.
Yield enhancement through SRI technique in Rice cultivation	839	32	29360/ha.	40636/ha.
Establishment of high density orchard	317	24	208000/ha.	520000/ha.
Productivity enhancement through introduction of new varieties in vegetables	410	69	296000/ha.	425000/ha.
Application of green manuring for soil health and fertility management	832	73	22315/ha.	26410/ha.

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
Promotion of high yielding varieties of cereals (Paddy Sabour Shree) , Oilseeds (Mustard Var. R. Suflam, Linseed Var. Sabour Tisi 1), Pulses (Lentil var. HUL 57), Wheat (Sabour Shrestha)Makhana (Sabour Makhana 1),Banana var G9	42 %
Income generation through Mushroom Production	15%
Soil fertility improvement through green manuring & vermi composting	41 %
Farm Mechanization & Resource Conservation	54 %
Health promotion in rural women and children through Nutritional Gardening	32%

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

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
1	Direct seeded Rice	Area covered by agril deptt,Saharsa 1000 ha	Reduction in gross cost by 15000-18000/ha with sustainable yield
2	Application of Zero Tillage	Area covered by agril deptt, 1500 ha.	Timely sowing and reduction in cost of sowingRs3500-3700/ha with sustainable yield.
3	Banana (G-9)	Banana G-9 varieties covered around 700 ha area and replace local varieties	Higher yield and higher net return per unit area. Wider adoptability (12%)
4	Makhana (Sabour Makhana 1)	Sabour Makhana 1 is gaining popularity among the farmers. Adoptation in 15 ha. in the district.	Higher yield and high nutritive value. Resistent to insect & pest.
5	Mushroom Production	Adopted by rural youth(15%)	Income generation in rural areas.
6	IPM	150 farmers in district IPM practices in their agricultural practices	Balanced use of pesticide for sustainable agriculture
7	Paddy (Sabour shree)	Covered an area of 2500 ha and higher adoptability(38%) in the region	Higher yield 48-50q/ha

4.4 Details of innovations recorded by the KVK

Thematic area	
Name of the Innovation	
Details of Innovator	
Back ground of innovation	
Technology details	
Practical utility of innovation	

4.5 Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Bee Keeping
Name & complete address of the entrepreneur	Address: Md. Shakeel Ahmad Sitanabad, Kahra Saharsa- 852201 Contact No.: 6202957670 
Role of KVK with quantitative data support:	Technical advice
Time line of the entrepreneurship development	05 Years
Technical Components of the Enterprise	Bee Keeping
Status of entrepreneur before and after the enterprise	Before starting the practices of bee keeping Md Shakeel Ahmad was an unemployed person searching some jobs for his livelihood. He started bee keeping with 10 boxes in 2016 and at present he is working with 500 boxes at various location in Koshi region with an annual income of 05 lakhs with supply of 150 qt. of honey and 15 qt. of wax.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	At present 500 boxes have been kept under supervision of Md. Shakeel Ahmad by providing employment facility to 35 people. In the main season (November to March) 6 honey extractor machines holding 10 combs at a time have been utilized by his team of workers to collect honey, thus having annually income of nearly thirty five lakh from nearly 150 quintal of honey and 15 quintal of wax. Not only honey and wax but a little amount of royal jelly has been collected by his team through the practice of bee keeping.
Horizontal spread of enterprise	According to Md. Shakeel, the practice of bee keeping is a farmers' friendly entrepreneurship as the probability of successful pollination in all crops, where boxes are kept, has been enhanced. At present 35 persons are in practice of bee keeping with him.

4.6 Any other initiative taken by the KVK

A. Crop intensification in the area of pulses and oil seed production by cluster front line demonstration on lentil, pea, green gram, linseed, rapeseed and sunflower.
B. Application of cost effective technologies like direct seeding of rice, Zero Tillage technique in wheat & lentil and use of twin wheel hoe for weeding and inter culturing operations in vegetables.
C. Application of Bio-fertilizers in agricultural practices.
D. Value addition in fruits by application of preservatives.

5.0 LINKAGES

5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
ATMA, Saharsa	Technical advisory and participation at various training programme
DAO, Saharsa	Technical advisory and participation at various training programme
Assistant Director, Plant Protection, Saharsa	Joint campaign, field visit
World Vision, ADP, Saharsa	Participation in training/ community development programme
Divya Jyoti Sansthan, Saharsa	Participation in training/ community development programme
MBAC, Saharsa	Technological support
KVKs of BAU & RAU	Technological support
ICAR RCER Patna	Technological support
ATARI Patna	Technological support
Nehru Yuva Kendra, Saharsa	Participation in training programme
NABARD, Saharsa	Formation of Kisan Clubs and Makhana farmers producers Organisation
IFFCO	Participation in training/ community development programme
MBAC, Saharsa	Technological support
KVKs' of BAU & RAU	Technological support
ICAR RCER Patna	Technological support
ATARI Patna	Technological support
Kisan Club	Participation in training/ community development programme
JEEVIKA	Participation in training/ community development programme

5.2. List of special programmes undertaken during 2020-21 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.)
Trials & Demonstration	Technology Assessment & Refinement	April 2021	ATMA,Saharsa	75000/-
Mushroom Spawn Production	Mushroom Spawn Production	Oct. 2021	NABARD	324000/-
Total				399000

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.	Cost of inputs	Gross income	
1.	Vermi Compost	2018-19	200						Under estb.
2.	Progeny Orchard	2018-19	10000						Under estb.
3.	CRA Demo unit	2020-21	10000	Paddy Sabour Shrestha	Grain	45	32000	85500	
4.	Nutri Garden	2020-21	1800	Vegetables	-	-	-	-	-
	Total		22000						

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	
Paddy	13-15..06.2020	15-30 Nov. 2020	12	S. Shree	FS	245	657721		
				R. Sweeta	FS	105			
Wheat	05.12.2020	13.04.2021	32	S. Shreshtha	FS	118.4	139496		
				HI 1563	TL				
Lentil	03.02.2020	15-20 April	2.0	HUL 57	FS	8.0	45876		

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

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

6.4 Performance of instructional farm (livestock and fisheries production) : N/A

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

6.5 Utilization of hostel facilities: N/A

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Total :			

(For whole of the year)

6.6 Utilization of staff quarters: N/A

Whether staff quarters has been completed: NO
No. of staff quarters:
Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7.FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current	SBI, Agwanpur, Saharsa	Agwanpur	11859353107
Saving	SBI, Agwanpur, Saharsa	Agwanpur	11859356562

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st Jan. 2022(Rs.)
	Kharif	Rabi	Kharif	Rabi	
Rape seed		3.9		2.549	
Linseed					

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st Jan 2022 (Rs.)
	Kharif	Rabi	Kharif	Rabi	
Lentil		1.8		1.105	

7.4 Utilization of KVK funds during the year 2021-22 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	1050000	9371800	8765792
2	Traveling allowances	78000		17530
3	Contingencies/HRD	36000		6127
A	Stationary and Office expenditure	500000		284571
B	Training of farmer	240000		139165
C	FLD	120000		26400
D	OFT	90000		53927
E	MOB	50000		12444
F	Extension Activities/Exhibition	50000	1087255	0
G				
H				
I				
J	Swachhta Expenditure	20000		0
TOTAL (A)		11864000		9305958
B. Non-Recurring Contingencies				
1	Equip. & Furniture	80000	-	0
2	Renovation of Building			
3				
4				
TOTAL (B)		80000		0
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		11944000		9305958

* Seed has been provided by Fodder Research Institute, Jhansi (UP)

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)
2013-14	200759.72	1085049.00	1018156.00	267652.72
2014-15	267652.72	1164462.00	1143599.00	288515.72 (689 quintal unprocessed paddy seeds on first weight basis)
2015-16	288515.72	900852.00	955731.00	233636.72 (532 quintal unprocessed paddy seeds on first weight basis)
2016-17	233636.72	962683.00	904523.00	291796.72
2017-18	291796.72	1188674.00	941086.00	539384.72
2018-19	539384.72	1387874.00	1179779	747479.72
2019-20	751155.72	1371258	1441616	680797.72
2020-21	680797.72	1622149	932207	1370739.72
2021-22	1370739.72	1110819	836402	1504431.04(up to 31/12/21)

7.6. (i) Number of SHGs formed by KVK
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
(iii) Details of marketing channels created for the SHGs:
Kisan Club:04
FPO: 01

7.7 Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	Both
Kisan Gosthi	20	Kharif & Rabi		ATMA	
Khatif and Rabi Karmsala	02	Kharif & Rabi	DAO	ATMA	
Farmers Scientist Interaction	01	Rabi		ATMA	
Training	01	Rabi		ATMA	

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)

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. Other information

9.1 Nehru Yuva Kendra (NYK) Training: N/A

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: N/A

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

9.3. *m Kisan* Portal (National Farmers' Portal/ SMSPortal) ★

Type of message	No. of messages	No. of farmers covered
Crop	11	56603
Livestock	4	15514
Fishery	0	0
Weather	3	12975
Marketing	3	12382

Awareness	6	16189
Training information	7	9036
Other	7	30184
Total	41	152883

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	*11136605*
2.	No. of farmers registered in the portal	*751480*
3.	Mobile Apps developed by KVK	
4.	Name of the App	
5.	Language of the App	
6.	Meant for crop/ livestock/ fishery/ others	

9.5 Kisan Mobile Advisory Services (KMAS)

Sl. No.	Discipline	No. of Advisories	No. of Messages (SMSs)	No. of Farmers
1.				
2.				
3.				
4.				
5.				

9.6 a. Observation of Swachha Bharat Programme/Pakhwara

Date of Observation	Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
15 Sept. 02 Oct. 2020	Awareness Campaign, display and Banner at prominent places, taking Swachhta pledge, stock taking and briefing of the activities to be organized during the Pakhwada, plantation of trees. Sanitation and SWM Cleanliness and sanitation drive within campuses and surroundings including residential colonies, common market places. Stock taking of biodegradable and non-biodegradable waste disposal status and providing on the spot solutions.	12	55	11	78
	Display and Banner at prominent places, taking Swachhta pledge, stock taking and briefing of the activities to be organized during the Pakhwada, plantation of trees.	12	23	11	46
	Basic maintenance – Stock taking on digitization of office records / e-office implementation. Cleanliness drive including cleaning of offices, corridors and premises. Review of progress on weeding out old records, disposing of old and obsolete furniture's, junk materials and white washing/ painting.	12	55	28	95
	Sanitation and SWM Cleanliness and sanitation drive within campuses and surroundings including residential colonies, common market places. Stock taking of biodegradable and non-biodegradable waste disposal status and providing on the spot solutions.	12	00	13	25
	Sanitation and SWM Cleanliness and sanitation drive in the villages	05	125	00	130

	adopted under the Mera Gaon Mera Gaurav programme or other schemes by ICAR Institutes/KVKs involving village community. Reviewing the progress of ongoing Swachhta activities including implementation of SAP and providing at the spot solutions.				
	Stock taking of waste management and other activities including utilization of organic wastes/generation of wealth from waste, polythene free status, composting of kitchen and home waste materials, promoting clean and green technologies and organic farming practices in kitchen gardens of residential colonies/one nearby village and providing on the spot technology solution.	05	31	00	36
	Campaign on cleaning of sewerage and water lines, awareness on recycling of waste water, water harvesting for agriculture/horticulture application/kitchen gardens in residential colonies/1-2 nearby villages.	05	35	02	42
	Organizing workshops, exhibitions, technology demonstrations on agricultural technologies for conversion of waste to wealth, safe disposal of all kinds of wastes. Debate on Swachhta at the DARE/ICAR establishments, seminars, awareness camps, rallies, street plays and expert talks.	05	80	00	85
16-31 Dec.	Celebration of Special Day – KisanDiwas (Farmer's Day) – 23 December, inviting farmers. Experience sharing on Swachhta initiatives by farmers and civil society officials. Felicitating farmers/civil society officials for exemplary initiatives on Swachhta.	03	50	00	53
	Swachhta Awareness at local level (organizing Sanitation Campaigns involving and with the help of the farmers, farm women and village youth in new villages not adopted by any institutes/establishments.	05	113	00	118
	Cleaning of public places, community market places and/or nearby tourist spots.	08	21	00	29
	Fostering healthy competition - Organizing competition and rewarding best offices/ residential areas/ campuses on cleanliness. Quiz, essay and drawing competitions for school children, village youth.	04	35	05	44
	Awareness on waste management & other activities including utilization of organic wastes/ generation of wealth from waste, polythene free status, composting of kitchen and home waste materials, promoting clean & green technologies and oganic farming practices in new area.	05	65	00	70
	Campaign on cleaning of sewerage and water lines, awareness on recycling of waste water, water harvesting for agriculture/ horticulture application/ kitchen gardens in residential colonies outside campuses/ nearby villages with the involvement of local/ village communities.	04	31	02	37
	Visits of community waste disposal sites/ compost pits, cleaning and creating awareness on treatment & safe disposal of bio-degradable/non bio-degradable wastes by involving civil/farming community.	04	19	00	23
	Involvement of VIP/ VVIPs in the Swachhta activities, involvement of print and electronic media may be ensured so that adequate publicity is given to the SwachhtaPakhwada.	04	00	08	12
	Organization of press conference for highlighting the activities of Swachh Bharat Pakhwada by involving all stake holders including farmers/ VIPs/ press and electronic media.				05

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	12	
2. Basic maintenance	0	
3. Sanitation and SBM	20	15000
4. Cleaning and beautification of surrounding areas	6	5000
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	0	
6. Used water for agriculture/ horticulture application	05	
7. Swachhta Awareness at local level	05	
8. Swachhta Workshops	02	
9. Swachhta Pledge	02	
10. Display and Banner	02	
11. Foster healthy competition	0	
12. Involvement of print and electronic media	02	
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	05	
14. No. of Staff members involved in the activities	13	
15. No of VIP/VVIPs involved in the activities	02	
16. Any other specific activity (in details)	0	
Total	**76**	**20000**

9.7 Observation of National Science day: N/A

Date of Observation	Activities undertaken

9. 8.Programme with Seema Suraksha Bal (BSF): N/A

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
Middle School,Sisai	O6July, 2021	Training programme	Physical

9.10.. Details of '*Sankalp Se Siddhi'* Programme: N/A

Date of progr amme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Cover age by Door Darsh an (Yes/ No)	Cover age by other chann els (Num ber)
				MLAs Attended the program me	Chairma n ZilaPanc hayat	Distt. Collector / DM	Bank Offici als	Farmers	Govt. Officials, PRI members etc.	Total		

9.11. Details of Swachhta Hi Sewa programme organized

Sl. No.	Activity	No. of villages Involve d	No. of Particip a nts	No. of VIPs	Name (s) of VIP(s)
1.	Group awareness programme	09	243	05	1.Mr. Jaswant Kumar, Chairman Kamp 2. Sri Jayanand Yadav, Sarpanch, Okahi 3. Jawahar Thakur, Chairman Pacs, Mahishi 4. Md. Samim Akhtar, Pramukh, Nauhatta 5. Sri Chandrashekha Thakur, Ex. Mukhiya, Barahsher

9.12. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Particip a nts	No. of VIPs	Name (s) of VIP(s)
01	1. Seminar 2. Power point Presentation on women empowerment 3. Interaction programme 4.Craft Competition	02	27	02	Dr. Suneeta Paswan, SMS (Home Sc.) Smt. Roshni Kumari, VRP, Jeevika

9.13. 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	Sri Surendra Roy	Tiwari Tola, Ward No 33, Near Saharsa Bypass, saharsa 852201, Contact no 9973238199	Bee Keeper
2	Md. Sahid Parwez	Saharsa Basti, Saharsa 852201, Contact No.. 7870669523	Makhana Processer
3	Mr. Yaswant Kumar	Vill- Kanp Sour Bazar, Saharsa -852221, Contact No-7549536204	Jai Baba Ghoghan Kisan Club, Kanp
4	Mr. Arun Kumar Singh	Vill-Dharampur,Nauhatta, Saharsa-852123, Contact No-9430976899	Mixed Farming
5	Mr. Vivel Kumar Singh	Vill-Dharampur, Nauhatta, Saharsa-852123, contact no.-9570341286	Mixed Farming

6	Mrs. Shashi Devi	, Dev Tola Bihra, Ward No 8, Sattarkataiya, Saharsa, Contact No.-8405957759	Mushroom Grower and Mixed Farming
7	Mr. Rajesh Kumar Singh	Vill-Jalseema, Sonebarsa, Saharsa, Contact No-9431863709	Integrated Farming System
8	Md. Siddique	vill-Naulakha, Kahra, Saharsa-852202, Contact No- 8877777814	Vegetable Grower
9	Sri Chandra Shekhar Thakur	Vill-Barahsher, Sattarkataiya, Saharsa-852124, Contact No-9471674212	Farm Mechanization
10	Brajesh Kumar Thakur	Vill-Barahsher, Sattarkataiya, Saharsa-852124, Contact No-8409580377	Mixed Farming
11	Mr. Jay Shankar Singh	Vill-Purikh, Sattarkataiya, Saharsa-852124, Contact-9430942268	Mixed Farming
12	Mr. Anmol Kumar	Vill-Kamp, Sour Bazar, Saharsa-852221, Contact No-9570749308	Mixed Farming
13	Mr. Agni Deo Yadav	Vill-Bela, Sattarkataiya, Saharsa-852124, Contact No-9470440055	Mixed Farming
14	Mr. Shankar Rai	Vill-Gandaul, Sattarkataiya, Saharsa-852124, Contact No.-8051295650	Mixed Farming
15	Mr. Sudhir Kumar	Vill-Tulsiyahi, Kahra, Saharsa-852124, Contact No-9471992239	Makhana Farmers Producer Group

9.14. Revenue generation

Sl. No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Seed production	1100000/-	Revolving fund
2.	Planting Materials	15000/-	NHM
3.	Soil testing	25000/-	Soil testing Lab
4.	Publication	10000/-	Krishak Sandes
5.	On Farm Testing/Advisory charges	99000/-	ATMA

9.15. Resource Generation:

Sl. No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1.	NICRA	Training, FLD, OFT, Extension activities	ICAR	5.47	
2.	RPL/Domain Training	BSDM Training Prog.	Govt. of Bihar	3.932	
3.	Mushroom Spawn Prod.	Mushroom Spawn Production	NABARD	3.56	
4.	CRA	Training, FLD, Extension Activities	Govt. of Bihar	35.855	
5.	SCSP	Training, FLD, OFT, Extension activities	ICAR	0.942	
6.	NARI	Training, FLD, OFT	ICAR	0.50	
7.	Special Prog.	Extension activities	ICAR	0.50	

9.16. Performance of Automatic Weather Station in KVK: N/A

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

9.17. 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

10. Report on Cereal Systems Initiative for South Asia (CSISA)

a) Year:2021-

b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						
Experiment 3						
Others (If any)						

Field surey work and collection of soil sample from the project area etc. works were carried out by KVK and CSISA personnel in August 2020

11. Details of TSP: N/A

a. Achievements of physical output under TSP during 2020-21

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

b. Fund received under TSP in 2021-22 (Rs. In lakh):

c. Achievements of physical outcomeunder TSP during 2020-21:

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

d. Location and Beneficiary Details during 2020-21:

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

12. Details of SCSP

Sl.	**Activities**	**Physical Achievement**	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	06	182
b.	Women	02	60
c.	Rural Youths	01	30
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
3)	FLD	No. of FLDs	No. of beneficiaries
		04	112
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		12	65
5)	Other activities		
a.	Participants in extension activities (No.)	152	
b.	Production of seed (q)		
c.	Production of Planting material (No. in lakh)	0.01	
d.	Production of Livestock strains (No. in lakh)		
e.	Production of fingerlings (No. in lakh)		
f.	Testing of Soil, water, plant, manures samples (Nos.)	30	

13. PROGRESS REPORT OF NICRA KVK (Technology Demonstration component) 2021-22:
(**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. a). Awards/Recognition received by the KVK

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

b). Award received by Farmers from the KVK district

Sl.	Name of the Award	Name of the Farmer	Address	Contact No.	Aadhar No.	Amount	Purpose	Conferring Authority
	Progressive farmers Award	Smt. Shashi Devi	Bihra, Sattarkataiya	8405957759	-	-	Kisan Mela 2021	BAU, Sabour

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.	Jai Baba Ghoghan Kisan Club Kamp		Vill+PO-Kamp, Block-Sour Bazar, Saharsa	• Production of Cereals and oilseeds • Goat & Cattle rearing	Rice, Wheat, Rapeseed mustard, Goat, Cattle	168	5,00,000	• Productivity Enhancement in cereals and Oilseeds crop • Income generation through goat rearing and milk production
2.	Utsav Kisan Club Etahara		Vill- Etahara Block- Sour Bazar, Saharsa	• Production of Cereals & pulses • Goat & Cattle rearing	Rice, Wheat, Green Gram, Goat, Cattle	23	75,000	• Productivity Enhancement in cereals and pulses • Income generation through goat rearing and milk production

17 Integrated Farming System (IFS)

A. Details of KVK Demo. Unit: Under Estb.

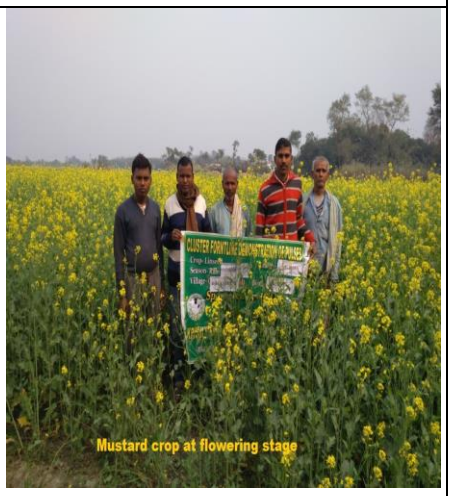
Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
	Pond Based IFS	0.4					Under Construction

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.	Name of	Brief Details of	Net Return	No. of	One high resolution 'Photo' in

No.	the Technology	Technology (3- 5 bullet points)	to the farmer (Rs.) per ha per year due to the technology	farmers adopted the technology in the district	'jpg' format for each technology
1	Application of Zero Tillage Technology in sowing of wheat seeds	• Reduces cost of field preparation • Reduces the quantity of irrigation water • Controls weeds population • Saving in fuel and cost of sowing • Saving of labour cost in sowing	Rs. 22,575/-	145	
2	Promotion of high yielding varieties of Paddy(R. Mahsoori 1, R. Shewta), Linseed (Shekhar), Rapeseed Mustard (R. Suflam), Lentil (HUL 57)	• Sutable for local climatic condition • Higher yield than local variety • Lower attack of pest & disease incidence	Rs. 36600/-	386	
3	Enterprise Development Mushroom Production	• Low input cost with high return	Rs. 200/ standard bag	35	

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	
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. Information on **ASCI** Skill Development Training Programme, if undertaken during 2021-22

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.)
2021-22	Tractor Operator	Er. Vimlesh Kumar Pandey	11.02.2020	30.01.2021	20	Y	
2021-22	Quality Seed Grower	Mr. Anand Chaudhary	20.02.2020	26,02.2021	17	Y	

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs.**, if any) if undertaken during 2020-21

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	
Mushroom Grower	Mushroom Grower	240							25	5	30	
Beekeeper	Beekeeper	80	07				21		28	0	28	
Makhana Grower & Processor	Makhana Grower & Processor	80	29						29	0	29	

22. Information on NARI Project (if applicable):

Name of Nodal Officer	**No. of OFT on specified aspects**	**Title(s) of OFT**	**No. of FLD on specified aspects**	**No. of capacity development programme on specified aspects**	**Total no. of farm women/ girls involved in the project**	**Details of Issues related to gender mainstreaming addressed through the project**
DR. Suneeta Paswan, SMS(H.Sc.)	0	-	03	98	98	

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.	Sisai	Backyard/Kitchen garden	10	500	10
2.	Sulindabad	Community level	01	450	12
3.	Baijnathpur	Terrace Garden	01	150	01
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 benefi-ciaries
Sisai	Rabi	FLD	Cereal/Vegetables/Fruit	Wheat, Beetroot, Spinch, Radish, Turnip, Papaya, Drumstick		0.5	05

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
Sisai	**Vegetables**	**Mixed veg. pickles**	**FLD**	**10**

d. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Sisai, Baijnathpur	Nutritional Garden, Value addition	02	60

e. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
Diagnostic Visit	Diagnostic Visit at farmers fields	05	05

23. Activities under KSHAMTA

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

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

Krishi Kalyan Abhiyan- I and II : N/A

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											
KKA-II											

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

Name of programme	***No. of Program***	***Total quantity distributed***				***No. of farmers benefited***				***No. of other officials***
		Seed (q)	***Planting ma***	***Input (kg)***	***Other (kg/ No.)***	***SC***	***ST***	***Others***	***Total***	

	me		*terial (lakh)*			*M*	*F*	*M*	*F*	*M*	*F*	*M*	*F*	*T*	
KKA-I															
KKA-II															

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															
KKA-II															

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										
	NADEP Pit established										
	Farm implements distributed										
	Others, if any										
KKA-II	Soil Health Card Distributed										
	NADEP Pit established										
	Farm implements distributed										
	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	

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

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

26. Good quality action photographs of overall achievements of KVK during the year (best 10)


Field Day CFLD Programme


KIsan Mela 2021


Poshan Maah


Mahila Diwas Programme


Training Programme

Jal Jeevan Abhiyan Programme

Swachhta Pakhwara

SCSP Demo

Director Extension Education
BAU, Sabour, Bhagalpur (Bihar)

Senior Scientist & Head
KVK, Saharsa (Bihar)