

ANNUAL REPORT 2015

(April 2015 to March 2016)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Tingachhiya, Katihar	06452-246875		katiharkvk@gmail.com

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

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

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. S.B. Singh		9431810044	katiharkvk@gmail.com

1.4. Year of sanction of KVK: March 2004

F.No.-4-4/95/AE-1 dated 27th Feb 2004.

1.5. Staff Position (as on 1st April, 2016)

Sl. No	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent / Temporary	Category
1	Programme Coordinator	Dr. Surendra Bhadur Singh	Programme Coordinator	Dairy Science	37400-67000/62420	17.03.1991	Permanent	Gen
2	Subject Matter Specialist	Smt Basanti Kumari	Subject Matter Specialist	Home Science	15600-39100/27390	20.11.2007	Permanent	SC
3	Subject Matter Specialist	Dr. Sushil Kumar Singh	Subject Matter Specialist	Agro nomy	15600-39100/25810	15.06.2009	Permanent	OBC
4	Subject Matter Specialist	Sri Ajay Kumar Das	Subject Matter Specialist	Horti culture	15600-39100/25810	16.06.2009	Permanent	SC
5	Subject Matter Specialist	Sri Pankaj Kumar	Subject Matter Specialist	Extension Education	15600-39100/25810	16.11.2009	Permanent	EBC
6	Subject Matter Specialist	Dr. Rama Kant Singh	Subject Matter Specialist	Soil Science	15600-39100/22950	16.04.2012	Permanent	Gen
7	Subject Matter Specialist							
8	Programme Assistant	Smt Swarn Prabha Reddy	Programme Assistant (Lab. Tech)	B. Sc. (Ag)	9300-34800/14760	30.10.2012	Permanent	OBC
9	Computer Programmer	Sri Amarendra Kumar Vikas	Programme Assistant (Computer)	M.Sc. (IT)	9300-34800/14330	13.05.2013	Permanent	OBC
10	Farm Manager	Sri Om Prakash Bharti	Farm Manager	B.Sc. (Ag)	9300-34800/14760	05.11.2012	Permanent	EBC
11.	Accountant / Superintendent	Sri Mukesh Kumar	Assistant	M.B.A. (Finance)	9300-34800/14330	09.04.2013	Permanent	EBC
12.	Steno grapher	Sri Abhay Kumar	Stenographer	B.A.	5200-20200/12590	17.07.2013	Permanent	EBC
13.	Driver	Sri Ram Jee	Driver	Matric	5200-20200/8460	09.05.2015	Permanent	OBC
14.	Driver	Sri Manoj Kumar Prajapati	Driver	Matric	5200-20200/8460	12.05.2015	Permanent	Gen
15.	Supporting staff	Sri Arun Mandal	Supporting staff	Matric	5200 fixed	01.07.2005	Temporary	ST
16.	Supporting staff	Sri Sanajay Yadav	Supporting staff	Inter mediate	5200 fixed	01.02.2014	Temporary	BC

1.6. Total land with KVK (in ha) : 20 ha

S. No.	Item	Area (ha)
1	Under Buildings	1.50
2.	Under Demonstration Units	0.50
3.	Under Crops	6.00
4.	Orchard/Agro-forestry	5.00
5.	Others	7.00
Total		20.00

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of building	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	✓							
2.	Farmers Hostel					✓		Under use	ICAR
3.	Staff Quarters (6)					✓		Under use	ICAR
4.	Piggery unit	✓							
5	Fencing	✓							
6	Rain Water harvesting structure	✓							
7	Threshing floor					✓		Under use	ICAR
8	Farm godown					✓		Under use	ICAR
9.	Dairy unit	✓							
10.	Poultry unit					✓		Under use	ICAR
11.	Goatary unit					✓		Under use	ICAR
12.	Mushroom Lab					✓		Under use	ICAR
13.	Mushroom production unit					✓		Under use	ICAR
14.	Shade house					✓		Under use	ICAR
15.	Soil test Lab					✓		Under use	ICAR
16.	Threshing floor					✓		Under use	RKVY
17.	Processing Hall					✓		Under use	RKVY
18.	Generator Room					✓		Under use	RKVY
19.	Godown					✓		Under use	RKVY

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs. in lakh)	Total km. Run	Present status
Bolero Jeep	2005	4.65	1,97,935	Not in good condition
Tractor M.F.	2005	5.00		Not in good condition
Motor cycle	2015	0.6	1749	Good Condition
Motor Cycle	2015	0.6		Good Condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Mrida Parikshan Kit	2015	75000/-	Good	ICAR
Bunsen Burner for LPG Gas	2014	350/-	Good	ICAR
Muffle Furnace 4”X4”X9” Chamber Size Make TANCO	2014	19500/-	Good	ICAR
Viscometer Ostwald glass	2014	350/-	Good	ICAR
Max-Min Thermometer	2014	1350/-	Good	ICAR
Hygrometer Make- Imported Digital	2014	3745/-	Good	ICAR
Automatic Vortexing Machine Cyclo Mixer TANCO make	2014	4500/-	Good	ICAR
Grinder	2014	30000/-	Good	ICAR
Mechanical Shaker	2013	29000/-	Good	ICAR
Electronic Balance	2013	68000/-	Good	ICAR
PH meter	2013	14245/-	Good	ICAR
Flame Photometer	2013	39770/-	Good	ICAR
Hot Air Oven	2013	21500/-	Good	ICAR
Hot Plate	2013	8500/-	Good	ICAR
Digital Conductivity meter	2013	10000/-	Good	ICAR
Double Distillation Unit	2013	40000/-	Good	ICAR
b. Farm machinery				
c. AV Aids				
Camera (Digital)	2015	23,500	Good	Current
Xerox Machine Canon	2006	1,00,000	Not in Working	ICAR
Camera (Digital)	2007	15,000	Not in Working	ICAR
TV with DVD	2007	15,000	Good	ICAR
Generator Set	2009	49,500	Good	ICAR
Computer with Accessories	2008	50000	Good	ICAR
Digital Weighing machine	2011	19500	Good	ICAR
PA System	2011	24679	Good	ICAR
Projector with Accessories	2011	99800	Good	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Ridger	2014	8000	Good	RF
Power reaper Tractor operator	2012	79500	Good	ICAR
Cultivator 9 tine	2012	17500	Good	ICAR
Power Sprayer	2012	9500	Good	ICAR
Disc Harrow 12 disc	2012	38500	Good	ICAR
Tractor operated Winnower	2012	14500	Good	ICAR
Power chain sow	2012	38500	Good	ICAR
Thresher (Multi crop)	2012	87500	Good	ICAR
Rotavator	2012	87840	Good	ICAR
Disc plough 2 disc	2012	20500	Good	ICAR
Land leveler	2011	9000	Good	RF
Hand winover	2011	4000	Good	RF
Mobile Seed processing plant	2011	970000	Good	RKVY
Tractor drawn reaper	2011	57000	Good	RKVY
Zero till seed cum fertilizer drill	2011	39480	Good	RKVY

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.	08.10.2015	32	Given below	Given Below	

* *Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

**PROCEEDING OF SCIENTIFIC ADVISORY COMMITTEE MEETING AT KVK,
KATI HAR**

दिनांक 08.10.2015 को डॉ० राज नारायण सिंह, सहायक निदेशक, प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर की अध्यक्षता में संपन्न वैज्ञानिक सलाहकार समिति की छठी बैठक की कार्यवाही।

उपस्थित संगत पंजी में दर्ज है।

कृषि विज्ञान केन्द्र कटिहार में दिनांक 08.10.2015 को आयोजित कृषक वैज्ञानिक सलाहकार समिति की छठी बैठक पूर्वाह्न 11:00 बजे आरंभ हुई आये हुए अतिथियों का स्वागत कार्यक्रम समन्वयक कृषि विज्ञान केन्द्र कटिहार डॉ० एस०बी० सिंह द्वारा किया गया। कार्यक्रम समन्वयक ने कृषि विज्ञान केन्द्र द्वारा आयोजित होने वाले ऑन फार्म ट्रॉयल, अग्रिम पंक्ति प्रत्यक्षण, प्रशिक्षण कार्यक्रम, प्रसार गतिविधियों, मोबाईल मैसेजिंग सुविधा के विषय में उपस्थित सदस्यों को जानकारी दी। पंचम वैज्ञानिक सलाहकार समिति में आए हुए सदस्यों से सुझाव दिए गए कदम पर की गयी कार्यवाही को डॉ० एस०बी० सिंह ने प्रस्तुत किया साथ ही वार्षिक प्रतिवेदन एवं वार्षिक कार्ययोजना भी प्रस्तुत किया गया।

पंचम वैज्ञानिक सलाहकार समिति की बैठक में हुई केले में पनामा बिल्ट बीमारी पर चर्चा की शुरुआत की गई।

कार्यवाही:- इस विषय पर सहायक निदेशक प्रसार शिक्षा डा० राज नारायण सिंह ने बताया कि केला में मुख्य रूप से दो बिमारियाँ फैली हुई है कृषि विभाग तथा विश्वविद्यालय इसके बारे में विशेष रूप से प्रचार-प्रसार कर किसानों को जागरूक कर रही है। इसके लिए और भी प्रयास करने पर जोर दिया गया। पनामा बिल्ट पर एक स्पेशल कार्यक्रम करने पर जोर दिया गया। सहायक निदेशक प्रसार ने बताया कि यदि फंगस की समस्या आती है तो उसका निदान मुश्किल होता है लेकिन अगर प्राकृतिक समस्या हो तो इसका इलाज प्रारंभिक अवस्था में संभव है। किसानों को तरह-तरह से जागरूक करने पर जोर दिया। इस पर आत्मा के सहयोग से एक गोष्ठी का आयोजन करने पर सहमति बनी।

ट्राइकोडर्मा की उपलब्धता के बारे में चर्चा:- डा० रमा कांत सिंह, विषय वस्तु विशेषज्ञ(मृदा विज्ञान), द्वारा इस विषय पर चर्चा करते हुए कहा कि कटिहार जिले में ट्राइकोडर्मा की उपलब्धता सुनिश्चित किया जाये जिससे केले एवं अन्य फसलों में इसकी उपयोगिता हो सके।

बागवानी पर चर्चा:- आम, अमरूद, लीची, नींबू के पौधे तैयार करने पर चर्चा की गई, इसपर कार्यक्रम समन्वयक, कृषि विज्ञान केन्द्र, कटिहार के द्वारा सुझाव दिया गया कि कृषि विज्ञान केन्द्र, जलालगढ़, पूर्णियाँ में आम एवं अन्य फलों के पौधे रियायती दर पर आसानी से उपलब्ध हैं जो किसान चाहें तो वह कृषि विज्ञान केन्द्र, कटिहार या जलालगढ़, पूर्णियाँ से पौधे ला सकते हैं। इसके लिए किसानों को 25 पौधे से ज्यादा की खरीद पर सहायक निदेशक उद्यान से अनुमोदन प्राप्त पत्र साथ लाना आवश्यक होगा।

जीविका के डी.पी.एम. द्वारा पशुओं को इलाज में दवाईयों के उपयोग पर जोर देने को कहा गया। इसपर कार्यक्रम समन्वयक, कृषि विज्ञान केन्द्र, कटिहार के द्वारा कहा गया कि आगे के प्रशिक्षण कार्यक्रम में अगर प्रस्ताव आया तो इस पर जोर दिया जाएगा। इसपर परियोजना

निदेशक आत्मा कटिहार द्वारा जीविका के डी0पी0एम0 को प्रस्ताव देने को कहा गया तथा उन्होंने जीविका से और सहयोग की अपेक्षा की बात कही। इस विषय पर जीविका के डी0पी0एम0 द्वारा कहा गया कि जीविका की तरफ से भी कई प्रशिक्षण कार्यक्रम चल रहे हैं इसलिए अगर आगे ऐसा कोई प्रशिक्षण दिया जायेगा तो इसपर ध्यान दिया जायेगा। इस विषय पर सहायक निदेशक प्रसार शिक्षा डा0 आर0एन0सिंह द्वारा कहा गया कि विश्वविद्यालय तथा उसके अधिनस्थ कार्यालय सभी तरह के प्रशिक्षण अपने स्तर से नहीं करवा सकता इसलिए बहुत सारे कार्यक्रम/प्रशिक्षण सीधा सरकार द्वारा आयोजित किया जाता है।

पारथेनियम घास पर चर्चा:-

सहायक निदेशक प्रसार शिक्षा द्वारा राष्ट्रीय खरपतवार नियंत्रण संस्थान, जयपुर से पारथेनियम घास का नियंत्रण विषय पर किसानों को प्रशिक्षण हेतु पत्र लिखे जाने तथा किसानों को जागरूक करने के लिए जयपुर भेजने के बारे में सुझाव दिया गया।

प्याज की खेती के बारे में चर्चा की गई इसमें सहायक निदेशक प्रसार शिक्षा द्वारा कहा गया कि कृषि विज्ञान केन्द्र के पास सीमित संसाधन होता है इसलिए कार्य उसी के अनुसार होता है। इस पर सभी लाईन विभाग तथा किसान मिलकर बैठक कर समस्या का समाधान ढूढ़ने पर बात की गई।

जिला कृषि पदाधिकारी द्वारा जिले के कुल प्याज उत्पादन के क्षेत्रफल का आंकड़ा उपलब्ध कराने की बात कही तथा सामुहिक रूप से आंकड़ा जल्द से जल्द बनाने पर जोर दिया। साथ ही उनके द्वारा सिंचाई हेतु तालाब, नलकूप तथा अन्य कई प्रकार के साधनों का आंकड़ा बनाने पर जोर दिया गया एवं 2 से 3 महीने में पूरा करने को कहा गया कि कितने चालू हैं या बंद।

रबी-2014-15

सहायक निदेशक प्रसार शिक्षा द्वारा सिजनवाईज तथा विषयवार कार्ययोजना बनाने को कहा गया। उनके द्वारा बीज का किस्म को जांचकर किसानों को बेहतर लाभ के बारे में कहा गया। साथ ही विषय वस्तु विशेषज्ञों को अपना प्रशिक्षण विषयवार देने का आदेश दिया गया तथा कहा गया कि किसानों को बीज की प्रजाति जांचकर बेहतर लाभ के बारे में बताया जाए।

जिला कृषि पदाधिकारी द्वारा मृदा स्वास्थ्य कार्ड के बारे में बताया गया कि हमलोगों को इसका लक्ष्य दिया गया है इसमें हमलोग मिलकर मिट्टी जाँच का कार्य कर सकते हैं। क्योंकि मिट्टी जांच प्रयोगशाला में सभी नमूनों की जाँच संभव नहीं है। उन्होंने कहा कि पैसा देकर कृषि विज्ञान केन्द्र कटिहार से सभी नमूनों का जाँच कराना संभव नहीं है।

कार्यवाही:- सहायक निदेशक प्रसार शिक्षा द्वारा कहा गया कि हर जिले में एक-एक मोबाईल मिट्टी जांच केन्द्र बनाया जा सकता है ताकि ज्यादा से ज्यादा मिट्टी के नमूनों को जांचा जा सके।

प्रगतिशील किसान श्री प्रभुनाथ सिंह द्वारा पूछा गया कि कैसे रासायनिक खाद का उपयोग कम किया जा सकता है ? जीवाणु खाद एवं जैविक खाद कैसे जिले में तैयार करेंगे ?

कार्यवाही:- परियोजना निदेशक, आत्मा द्वारा कहा गया कि जो भी किसान वर्मी कंपोस्ट तथा वायो फर्टिलाईजर का उत्पादन करना चाहते हैं वे आत्मा कार्यालय में आकर संपर्क कर सकते हैं आत्मा की ओर से हर प्रकार की सहायता प्रदान की जायेगी।

इसपर जिला कृषि पदाधिकारी द्वारा कहा गया कि हमलोग योजना चला रहे हैं लेकिन किसानों को योजना के बारे में जानकारी उपलब्ध नहीं हो पाती है। उनके द्वारा कहा गया कि इसके लिए हर प्रखंड स्तर पर प्रशिक्षण कार्यक्रम आयोजित किये जा रहे हैं। ताकि किसान को रासायनिक खादों से हो रहे नुकसानों से बचाया जाए तथा उनको वर्मी कंपोस्ट तथा वायो फर्टिलाईजर के उपयोग के बारे में ज्यादा से ज्यादा जागरूक किया जाये। उनके द्वारा कहा गया कि अगर किसान को किसी भी प्रकार की समस्या हो तो जिला कृषि पदाधिकारी, कटिहार या परियोजना निदेशक, आत्मा कटिहार से संपर्क कर सकते हैं, तथा कृषि विज्ञान केन्द्र तथा जिला कृषि कार्यालय को मिलकर काम करने पर बल दिया गया।

एक किसान द्वारा पूछा गया कि बिहार कृषि विश्वविद्यालय, सबौर द्वारा मक्का का उन्नत बीज तैयार किया जाता है या नहीं ?

कार्यवाही:- सहायक निदेशक प्रसार शिक्षा द्वारा कहा गया कि बिहार कृषि विश्वविद्यालय, सबौर इस पर प्रयासरत है।

➤ ईटीबी के अन्नदाता कार्यक्रम के प्रोड्यूसर श्री रंजन कुमार ने धान में लगने वाली बिमारी फॉल्स स्मट के बारे में जानकारी चाही जो कि बंगाल के बीज का इस्तेमाल से ज्यादा होता है।

कार्यवाही:- इसपर सहायक निदेशक ने कहा कि इससे निपटने के लिए बाली निकलने से पहले पानी के स्प्रे करें इससे फायदा होता है।

नाबार्ड :- नाबार्ड के डी0डी0एम, श्री अमित कुमार ने कहा कि कटिहार जिले के 8 प्रतिशत से अधिक किसान छोटे और सीमान्त हैं जिनकी जोत बहुत कम है वह अधिक खेती करते हैं वैसे किसानों को बैंकों के माध्यम से जोड़ने का प्रयास करना चाहिए ताकि उन्हें कम ब्याज पर ऋण उपलब्ध करवाया जा सके। उन्होंने कहा कि किसान क्रेडिट कार्डधारी किसानों को बैंक से 50,000 रुपये तक ऋण आसानी से उपलब्ध कराया जा सकता है। जिससे किसान साहूकारों के चंगुल में पड़ने से बच सकते हैं। यह जी0एल0जी0 के माध्यम से किया जा सकता है।

श्री पंकज कुमार विषय वस्तु विशेषज्ञ(प्रसार शिक्षा) द्वारा क्रॉप इंसुरेंस पर चर्चा की गई।

सहायक निदेशक, प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय द्वारा आये सुझावों को महत्वपूर्ण मान्यता दी। उनके द्वारा कहा गया कि यदि कोई किसान आपके संपर्क में आता है तो उनका स्वागत करना हमारा उद्देश्य होना चाहिए।

अंत में श्री पंकज कुमार विषय वस्तु विशेषज्ञ(प्रसार शिक्षा) द्वारा सभी वैज्ञानिक सलाहकार समिति में आए हुए गणमान्य सदस्यों का धन्यवाद देकर, अध्यक्ष की अनुमति से कार्यक्रम का समापन किया।

- सहायक निदेशक, प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर।
- प्रभारी पदाधिकारी, जूट अनुसंधान केन्द्र, कटिहार।
- कार्यक्रम समन्वयक, कृषि विज्ञान केन्द्र, कटिहार।
- डा0 एस0के0 वाजपेयी, जिला कृषि पदाधिकारी, कटिहार।
- श्री अमित कुमार, डी.डी.एम. नाबार्ड।
- जिला मत्स्य पदाधिकारी, कटिहार।
- सहायक निदेशक, उद्यान, कटिहार।
- श्री चन्द्रशेखर सिंह, परियोजना निदेशक, आत्मा, कटिहार।
- श्री बी0पी0 कुशवाहा, अग्रणी बैंक प्रबंधक, सेंट्रल बैंक ऑफ इंडिया, कटिहार।

- डी0पी0एम, जीविका, कटिहार।
- डॉ0 कोनेरू लक्ष्मण, सहायक प्रोफेसर, जूट अनुसंधान केन्द्र, कटिहार।
- डॉ0 कुनाल प्रताप सिंह, वैज्ञानिक, जूट अनुसंधान केन्द्र, कटिहार।
- डॉ0 प्रितम गांगुली, वैज्ञानिक, जूट अनुसंधान केन्द्र, कटिहार।
- श्रीमति बसंती कुमारी, विषय वस्तु विशेषज्ञ, कृषि विज्ञान केन्द्र, कटिहार।
- डॉ0 सुशील कुमार सिंह, विषय वस्तु विशेषज्ञ, कृषि विज्ञान केन्द्र, कटिहार।
- श्री पंकज कुमार, विषय वस्तु विशेषज्ञ, कृषि विज्ञान केन्द्र, कटिहार।
- डॉ0 रमा कांत सिंह, विषय वस्तु विशेषज्ञ, कृषि विज्ञान केन्द्र, कटिहार।
- श्री रंजन कुमार, ई0टीवी, अन्नदाता कार्यक्रम, कटिहार।
- श्री संजय कुमार सिंह, पाथ अंगीकांचल स्वयंसेवी संस्था, कटिहार।
- श्री ललित कुमार सिंह, किसानश्री, कटिहार।
- श्री महेश कुमार मंडल, मनसाही, कृषक, कटिहार।
- श्री दया शंकर सिंह, मनसाही, कृषक, कटिहार।
- श्री अजित कुमार सिंह, मनसाही, कृषक, कटिहार।
- मो0 साबिर, जाफरगंज, कटिहार
- श्रीमति सविता देवी, महिला कृषक, कटिहार।
- श्रीमति शबनम सिंह, सिरसा, कटिहार।
- श्रीमति पिंकी देवी, महिला कृषक, ग्राम-बड़ी बथना, कटिहार।
- श्रीमति स्वर्ण प्रभा रेड्डी, कार्यक्रम सहायक लैब, कृषि विज्ञान केन्द्र, कटिहार।
- श्री ओम प्रकाश भारती, प्रक्षेत्र प्रबंधक, कृषि विज्ञान केन्द्र, कटिहार।
- श्री मुकेश कुमार, सहायक, कृषि विज्ञान केन्द्र, कटिहार।
- श्री अमरेन्द्र कुमार विकास, कार्यक्रम सहायक कंप्यूटर, कृषि विज्ञान केन्द्र, कटिहार।
- श्री अभय कुमार, आशुलिपिक, कृषि विज्ञान केन्द्र, कटिहार।

2. a. District level data on agriculture, livestock and farming situation (2015-16)

Sl. no.	Item	Information
1	Major Farming system/enterprise	<ol style="list-style-type: none"> 1. Paddy-Wheat based farming system 2. Paddy-Maize based farming system 3. Paddy- Mustard- Boro paddy based farming system 4. Fish Culture 5. Bamboo Production & Processing 6. Mushroom Production 7. Makhana Cultivation and primary processing 8. Poultry production 9. Vermi Compost production
2	Agro-climatic Zone	Zone-II (North – East Alluvial Plain) High Temperature, High Humidity, Sandy to clay soil, Flood Prone area
3	Agro ecological situation	<p>Up land sandy soil -Suitable for maize, wheat, Banana, vegetables & fruits</p> <p>Medium Sandy loam soil- Wheat, Maize, Jute, Rice, Oil seeds & pulses & vegetable & fruits cultivation</p> <p>Low lying clay soil -with flood & water lodging condition Suitable for Boro paddy, Makhana& paira cropping</p> <p>Diara land of Kosi, Ganga and Mahananda with sandy .</p> <p>loamy soil -suitable for Rabi Maize, wheat, oil seeds</p>

		pulses & cucurbitaceous vegetable flooded during Kharif Season			
4	Soil type	<p>Up land sandy soil- Suitable for vegetables wheat, maize, Banana</p> <p>Medium Loamy Soil -Well drained rich in organic carbon suited for wheat, Maize, oil seeds and pulses & vegetables</p> <p>Low lying clay soils -Suitable for Makhana, Boro paddy & fishery etc</p> <p>New alluvial diara land soil -Deposition of clay soil year after year good for Rabi crops.</p>			
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Name of Crops		Productivity(q/ha)	
		Rice		41	
		Maize		72	
		Wheat		33	
		Pigeonpea		13	
		Mustard		12	
		Pulses (others) (lentil)		12	
		Potato		16.36	
		Okra		12.79	
		Jute (Fibre)		22	
		Cauliflower		16.69	
		Brinjal		20.80	
		Banana		48.00	
		Tomato		19.79	
		Cabbage		16.90	
		Chili		11.60	
Mango		7.90			
Guava		8.00			
Lichi		7.58			
Onion		19.86			
Merigold		8.0			
6	Mean yearly temperature, rainfall, humidity of the district	Month	Temperature ($^{\circ}$ C)		Rainfall (mm)
			Max	Min	
		April,2015	34.76	21.50	09
		May,2015	39.09	25.83	04
		June,2015	38.06	27.4	68
		July,2015	33.87	27.03	293
		August,2015	33.67	25.77	286
		Sept,2015	35.10	25.60	28
		Oct,2015	33.90	21.87	04
		Nov,2015	30.53	17.33	00
		Dec,2015	24.03	11.77	00
		Jan, 2016	23.19	9.87	03
		Feb, 2016	28.75	14.17	00
		March, 2016	34.35	18.90	05
Mean Yearly	32.44	20.50	58.33		
Source: www.Accuweather.com					

7	Production of major livestock products like milk, egg, meat etc.	Name of livestock	Total(No of Cattle)
		Cow	399287
		Buffaloes	70734
		Goat	445861
		Sheep	6700
		Poultry	1122122
		Fish	8643 ton

2.b. Details of operational area / villages (2015-16)

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Katihar	Korha	Musapur	Vegetable Banana Paddy Maize Oil Seeds	Lack of high yielding varieties, pest & diseases control	Varietal Improvement, Promotion of IPM Practices
2.		Katihar	Sirsa	Banana, Makhana, Wheat, Paddy , Maize, Vegetables	Women empowerment, Lack of high yielding varieties, Pest & Disease control	Varietal Improvement, Promotion of IPM Practices Promotion of Banana Makhana based farming system and jute cultivation
3.		Mansahi	Bhairmara	Vegetables, Paddy, Maize, Boro Paddy	Lack of high yielding varieties, pest & diseases control	Varietal Improvement, Promotion of IPM Practices Promotion of Banana Makhana based farming system and jute cultivation
4.		Mansahi	Phulhara	Maize, Pulses, Paddy, Wheat, Vegetables	Lack of high yielding variety, pest & diseases control, INM	Varietal Improvement, Promotion of IPM Practices Promotion of INM Practices
5.		Mansahi	Lahsa	Vegetable Boro Paddy, Oil Seeds Maize	Lack of high yielding variety, pest & diseases control, INM	Varietal Improvement, Promotion of IPM Practices Promotion of INM Practices

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS in 2015-16 for its development and action plan

Name of village	Block	Action taken for development
Musapur	Korha	Organise OFT, FLD , Training Programmes, Formation of Kisan Club
Sirsa	Katihar	Organise FLD, Training Programmes for targeted population
Bhairmara	Mansahi	Organise training programmes, Kisan Chaupal, Farmer's exposure tour, Organise FLD, OFT, Formation of Kisan Club
Phulhara	Mansahi	Organise training programmes, Kisan Chaupal, Farmer's exposure tour , Organise FLD, OFT, Formation of Kisan Club
Lahsa	Mansahi	Organise training programmes, Kisan Chaupal, Farmer's exposure tour, Organise FLD, OFT, Formation of Kisan Club

2.d. Sansad Adarsh Gram Yojona

- i) Name of the village under Sansad Adarsha Gram Yojona:
NIMAUL, KATI HAR
- ii) Contribution of KVK in the programme:
Organise Kisan Chaupal
Organise Krishak Gosthi
Organise Soil Health Camp

2.1 Priority thrust areas

S. No	Thrust area
1.	Soil test based nutrition management in crops of the district
2.	Development of Suitable cropping system for diara ,tal land of the district
3.	Implementation of women programmes in relation to food, nutrition and drudgery
4.	Promotion of Entrepreneurship development
5.	Soil test based nutrition management in crop plants of the district.
6.	Promotion of Banana, Makhana based farming system and jute cultivation.
7.	Promotion and adoption of Integrated farming system for the district.
8.	Technology dissemination through production and supply of plant and seed materials

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievement of mandatory activities by KVK during 2015-16

OFT				FLD			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
16	11	160	226	12	14	190	446

Training				Extension activities			
Number of Courses		Number of Participants		Number of activities		Number of participants	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
136	220	3265	8982	3215	5348	10145	11895

Seed production (q)		Planting material (Nos.)		
Target	Achievement	Target	Achievement	
Green Gram	2.16	Litchi	500	-
Paddy	56.0	Lemon	500	-
Til	2.80	Guava	500	-
Arhar	3.83			
Wheat	50.00			

3.1 Achievements on technologies assessed and refined
OFT Agronomy

SN	Particulars	Description
1.	Intervention	Agronomy
2.	Title	Assessment of the sowing time of rabi hybrid maize in Katihar District.
3.	Micro farming situation	Medium irrigated Land
4.	Production system	Rice-Wheat/Maize
5.	Thematic area	Integrated crop management
6.	Problem	Sowing of rabi maize in mid of October resulting grain setting problem
7.	Potential solution	In view of above Problem for getting good grain setting, the time of rabi maize sowing should be changed
8.	Source of technology	R.A.U, Pusa.
9.	Technology option	1. Farmers practice (sowing of rabi maize between 15-25 October) 2. Sowing of rabi maize in between 30 October to 5 November 3. Sowing of rabi maize in between 10 - 15 November
10.	Plot Size	0.10 ha
11.	No of farmers	8
12.	Critical input	Seed
13.	Perform indicator	Technical observations No. of cob / plant, No of grains /cob, Grains Yeild
		Economic Indicator Gross return, Net return, BC ratio
		Farmers' reaction/ feedback

Table:-1 Physico-chemical properties of experimental soil

Experimental Soil	Available nutrients (Kg ha ⁻¹)		
	N	P	K
Initial	202.5	28.4	186
Final	186.0	26.3	195

Table:-2 Yield and economics of maize under different treatments

Technology option	No. of trials	No. of grains per Cob	Yield (q/ha)	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net return(Rs./ha)	BC ratio
TO ₁	8	122	68.70	28900	68700	39900	2.44
TO ₂	8	136	73.25	28200	73250	44850	2.59
TO ₃	8	141	74.79	28200	74790	46650	2.65

Result:-

Maxium yield 74.75 q/ha, net return Rs 46650/ha and B:C ration 2.65 was obtained when rabi maize was sown in between 10 to 15 Nov as comparision in to farmer practice (sowing in between 15 to 25 oct) and sowing of rabi maize in between 30 oct to 05 Nov.

Recommendation:-

Sowing of Rabi Maize from 10 to 15 November gives the highest yield 74.79q/ha with a net return of Rs 46650/ha and B: C ratio 2.65 in comparison than sowing of Rabi maize on 30 October to 05 November and 15 to 25 October. Thus Sowing of Rabi Maize in between 10 to 15 Nov. is beneficial for farmers .

OFT (Agronomy)

SN	Particulars	Description
1.	Intervention	Agronomy
2.	Title	Assessment of wheat varieties in Katihar District in timely sown condition
3.	Micro farming situation	Medium to Low land
4.	Production system	Rice-Wheat/Maize
5.	Thematic area	Integrated crop management
6.	Problem	Wheat is the major crop of Katihar district, but farmers were unaware about the recently developed varieties and they are dependent upon old varieties which results in low net return from the crop.
7.	Potential solution	Assessment of suitable varieties is the potential solution for getting higher net return from the wheat crop
8.	Source of technology	IARI, New Delhi
9.	Technology option	1. Farmers Practice (PBW 343) 2. HD – 2733 3. HD- 2824 4. HD - 2967 5. HI - 1544
10.	Plot Size	0.10 ha
11.	No of farmers	10
12.	Critical input	Seed
13.	Perform indicator	Observations Grain yield (q/ha) , Gross return (Rs./ha), Net return (Rs./ha), B:C ratio
		Farmers' reaction/ feedback

Table 1: Physico-chemical properties of experimental soil

Experimental Soil	Available nutrients (Kg ha ⁻¹)		
	N	P	K
Initial	182.6	37.0	133.8
Final	166.4	26.4	187.5

Table:-2 Yield and economics of timely sown wheat under different treatments

Technology options	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmer Practices (PBW 343)	38.76	17500	42636	21260	2.43
HD-2733	42.35	18500	46585	28850	2.51
HD- 2824	41.44	18500	45584	27084	2.46
HD- 2967	40.83	18500	44913	26413	2.42
HI - 1544	40.16	18500	44176	25676	2.35

Result:- Among five different varieties i.e. PBW 343, HD2733, HD2824 and HI 1544, maximum grain yield (42.35q/ha), net return (Rs 28,850/ha), and B:C ratio (2.57) was obtained in HD2733.

Recommendation:-

wheat varieties HD-2733 yield higher (42.35 q/ha), along with higher net return (Rs28850) and B:C Ratio (2.51) than other newly released varieties i.e. HD2567, HD2824 and HI 1544 and farmers variety PBW-343. Thus sowing of HD- 2733 is more economical for farmers of Katihar.

ON FARM TRIAL (Agronomy)

SN	Particulars	Description
1.	Intervention	Agronomy
2.	Title	Integrated weed management in Jute
3.	Micro farming situation	Medium to Low land
4.	Production system	Rice-Wheat
5	Thematic area	Weed management
6.	Problem	Jute crop is heavily infested with common weeds during the crop growth period resulting in to poor crop growth and loss in yield of crop.
7.	Potential solution	The integrated method of weed management practices through chemical and mechanical ways helps in reducing weed population and also reduces cost of cultivation.
8.	Source of technology	CRIJAF, Kolkata
9.	Technology option	1 Farmers Practice (Hand weeding at 30 DAS) 2 Hand weeding at 15 and 35 DAS 3 Pretilachlore @ 0.9 kg a.i./ha as pre emergence 4 Quizalofop ethyl @60 gm a.i /ha at 25 DAS
10.	Plot Size	0.10 ha
11	No of farmers	10
12.	Critical input	Seed, Weedicide
13.	Perform indicator	Technical observations Crop: Plant height, Basal diameter, Green weight of Plant, Weed biomass, fibre yield
		Economic Indicator

		Gross return, Net return, BC ratio
		Farmers' reaction/ feedback

Table 1: Yield attributes and yield of Jute (*Corchorous olitorius*) as influences by different treatments

Treatments	Fibre Yield (q/ha)	Green weight of Plant (qt/ha)	Basal diameter (cm)	Plant Height (Cm)
TO ₁	23.72	259.17	1.49	268
TO ₂	28.84	303.28	1.86	256
TO ₃	26.15	252.87	1.71	272
TO ₄	27.27	280.16	1.82	285

Table 2: Weed biomass (q/ha) of Jute (*Corchorous olitorius*) as influences by different treatments

Treatments	15 DAS	35DAS
TO ₁	2.48	3.24
TO ₂	2.41	2.10
TO ₃	1.07	2.94
TO ₄	2.22	2.42

Table 3: Economics of Jute (*Corchorous olitorius*) as influences by different treatments

Treatments	Cost of cultivation (Rs/ha)	Gross income (Rs/ha)	Net Income (Rs/ha)	B:C ratio
TO ₁	26800	52184	25384	1.94
TO ₂	31300	63448	32148	2.03
TO ₃	27250	57530	30280	2.11
TO ₄	27500	59994	32494	2.18

Result: Maximum fibre yield (28.84 q/ha), Green Weight(303.28 q/ha), Basal Diameter (1.86 Cm), Plant Height(296 Cm), was reported in hand weeding at 15 and 35 days after sowing but higher net return (Rs 32494/ha) and B:C ratio (2.18) was observed after application of quizalofop ethyl @ 60 gm a.i./ha at 25 DAS.

Recommendation:-

Application of quizalofop ethyl @ 60 gm a.i./ha at 25 days after sowing is the better means of weed management as it gives higher net return (Rs 32434/ha) and B:C ratio (2.18)

OFT (Agronomy)

SN	Particulars	Description
1.	Intervention	Agronomy
2.	Title	To assess the performance of late sown wheat variety under irrigated medium land condition.
3.	Micro farming situation	Medium to Low land
4.	Production system	Rice-Wheat/Maize
5	Thematic area	Crop Production
6.	Problem	Farmers of Katihar district were unaware about best suited variety of wheat under late sown condition which results in low productivity of wheat.

7.	Potential solution	In the view of above problem selection and cultivation of proper/ suitable varieties of prime importance.
8.	Source of technology	IARI, Pusa, New Delhi
9.	Technology option	TO ₁ = Farmers practice (Local Wheat seed) TO ₂ = HW- 2045 TO ₃ = HI- 1563 TO ₄ = HD- 2985
10.	Plot Size	0.10 ha
11	No of farmer	07
12.	Critical input	Seed
13.	Perform indicator	Yield(q/ha) Cost of cultivation(Rs/ha) Gross return(Rs/ha) Net return(Rs/ha)
		Farmers' reaction/ feedback

Table 1:Physico-chemical properties of experimental soil

Experimental Soil	Available nutrients (Kg ha ⁻¹)		
	N	P	K
Initial	188.4	32.6	172.0
Final	172.0	28.3	203.0

Table 2: Effect of late sown wheat variety under irrigated medium land condition

Technology option	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmers practice	26.31	16300	28941	12641	1.78
HW- 2045	31.79	17100	34569	17869	2.04
HI- 1563	33.82	17100	37202	20102	2.18
HD- 2985	32.63	17100	35893	18793	2.04

RESULT:-

The On farm Trial for assess the performance of late sown Wheat varieties under irrigated medium land condition revealed that the variety HI -1563 perform better among all trialed varieties with grain yield 33.82 q/ha, net return Rs 20102/ha and the B:C ratio is was 2.18.

Recommendation:-

Among four variety farmess local variety Hw-2045, HI-1563 and HD-2985 maxium Yield (33.82 q/ha), Net return (Rs 20102/ha) and B:C ration (2.18) was found in wheat variety HI 1563 . Thus HI 1563 is the best suited variety for late sown condition than other three varieties.

ON FARM TRIAL (Soil Science)

SN	Particulars	Description
1.	Intervention	Soil Science
2.	Title	To assess the effect of integrated nutrient management practices on Yield and economics of Jute (<i>Corchorous olitorius</i>) production.

3.	Micro farming situation	Low land
4.	Production system	Rice-wheat
5.	Thematic area	INM
6.	Problem	Low yield of Jute due to Inadequate and Imbalance Nutrient management practices followed by farmers.
7.	Potential solution	Increase the yield and economics of jute
8.	Source of technology	JRS, Katihar
9.	Technology option	TO ₁ : Farmers practice (40:20:20, N:P:K kg/ha) TO ₂ : 60:30:30, N:P:K kg/ha(RDF) TO ₃ : RDF+OM (5 t/ha F.Y.M)+ biofertilizer (azotobacter+psb for seed treatment) TO ₄ : N:P:K kg/ha (75%) + FYM(25%) (amount/dose of nutrients requirement of crop is recommended based on nutrient status of soil)
10.	Plot Size	0.10 ha
11.	No of farmer	10
12.	Critical input	Seed, organic and inorganic fertilizers, biofertilizers, chemicals etc
13.	Perform indicator	Technical observation Plant height, Plant diameter, Green weight of Plant, Fiber Yield
		Economic Indicators Gross return, Net return, B C ratio
		Farmers' reaction/ feedback

Table 1: Initial physico-chemical Properties of experimental Soil

Treatments	pH (1:2.5)	ECe (dSm ⁻¹)	O.C. (%)	Available Nutrients (kg/ha)		
				N	P	K
TO ₁ (Farmer Practice)	6.78	0.0922	0.296	190.7	22.5	236.1
TO ₂ (RDF:: 60:30:30, N:P:K kg/ha)	6.79	0.0942	0.303	191.7	22.3	234.9
TO ₃ (RDF+OM (5t/ha)+ azotobacter + PSB)	6.84	0.0995	0.322	192.2	21.8	239.7
TO ₄ {N:P:K kg/ha (75%) + FYM (25%)}	6.82	0.089	0.31	190	22	238

Table 2: Final physico-chemical Properties of experimental Soil

Treatments	pH (1:2.5)	ECe (dSm ⁻¹)	O.C. (%)	Available Nutrients (kg/ha)		
				N	P	K
TO ₁ (Farmer Practice)	6.81	0.0897	0.297	151.6	17.6	212.1
TO ₂ (RDF:: 60:30:30, N:P:K kg/ha)	6.81	0.1002	0.363	168.5	20.6	229.1
TO ₃ (RDF+OM (5t/ha)+ azotobacter + PSB)	6.92	0.1078	0.382	172.2	20.1	234.7
TO ₄ {N:P:K kg/ha (75%) + FYM (25%)}	6.9	0.106	0.37	172	20.2	231.5

Table 3: Yield attributing characters of Jute (*Corchorous olitorius*) as influences by different treatments

Treatments	Plant height (cm)	Basal diameter (cm)	Green weight of Plant (qt/ha)	Fiber Yield (q/ha)
TO ₁ (Farmer Practice)	275	1.41	262.74	22.75
TO ₂ (RDF:: 60:30:30, N:P:K kg/ha)	305	1.77	282.21	26.88
TO ₃ (RDF+OM (5t/ha)+ azotobacter + PSB)	314	1.84	302.64	32.35
TO ₄ {N:P:K kg/ha (75%) + FYM (25%) }	307	1.79	276.85	30.14

Table 4: Economics of Jute (*Corchorous olitorius*) as influences by different treatments

Treatments	Cost of cultivation (Rs/ha)	Gross income (Rs/ha)	Net Income (Rs/ha)	B:C ratio
TO ₁ (Farmer Practice)	26910	50050	23140	1.86
TO ₂ (RDF)	29645	59136	29491	1.99
TO ₃ (RDF+OM (5t/ha)+ azotobacter + PSB)	30930	71170	40240	2.30
TO ₄ {N:P:K kg/ha (75%) + FYM (25%) }	31250	66308	35058	2.12

Result:

It is observed that integration of chemical fertilizers with organic manures and bio fertilizers recorded higher net return and B:C ratio as compared to other treatments. Hence, it can be inferred that the integrated nutrient management can improve the soil nutrient status after the harvest of jute and also gate higher net return and B:C ratio. Application of Recommended Doses of Fertilizers with organic manures 5t/ha and seed treatment with azoto bacter and PSB was the most suitable and profitable combination.

Recommendation:- TO₃

ON FARM TRIAL (Soil Science)

SN	Particulars	Description
1.	Intervention	Soil Science
2.	Title	Assess the Effect of Brown Manuring and Real Time Nitrogen Management in Paddy
3.	Micro farming situation	Micro farming situation
4.	Production system	Paddy-wheat
5.	Thematic area	INM
6.	Problem	Indiscriminate uses of fertilizer, No use of FYM
7.	Potential solution	Application of brown manuring (if standing water is not available), basal doses of fertilizers application and Use of Customized Leaf Colour Chart for real time nitrogen application
8.	Source of technology	CRRI, Cuttack (Odisha)
9.	Technology option	TO ₁ – Farmer Practices (80:40: 20 :: N:P:K Basal + 50 kg N at 25 DAT+ 50 kg N at 50 DAT) TO ₂ – RDF (Basal 60:60:40 kg N: P: K + 45 kg N at 30 DAT+ 45 kg N at 60 DAT) + knock down of Dhaincha by 2,4-D at 25-30 DAS.

		TO ₃ – RDF (Basal 60:60:40 NPK + Real Time Application of balance N by using Customised Leaf Colour Chart) + knock down of Dhaincha by 2, 4-D at 25-30 DAS.
10.	Plot Size	0.10 ha
11	No of farmer	10
12	Critical input	Seed, Fertilizers, chemical
13.	Perform indicator	Technical observations Initial and final soil analysis, Plant height, No of tiller, No of grains per panicle, grain and straw yield
		Economic Indicator Net return, B:C ratio
		Farmers' reaction/ feedback

Table 1: Physico-chemical properties of experimental soil

Experim-ental Soil	pH (1:2.5)	ECe (dSm ⁻¹)	OC (%)	Available nutrients (Kg ha ⁻¹)			Available micronutrients (ppm)				
				N	P	K	Zn	Cu	Fe	Mn	B
Initial	6.09	0.094	0.55	245.98	37.62	198.78	2.08	5.09	49.98	51.67	0.62
Final	6.07	0.12	0.56	213.84	27.87	203.99	2.61	5.43	50.36	49.28	0.71

Table 2: Effect of Brown Mannuring on growth attributes of rice

Treatments	Plant height (cm)	Tillers /plant	Panicle length (cm)	Kernels /plant	Filled kernels /plant	Productive tillers (m-2)	1000-kernel weight (g)
TO1	92.77	7.80	19.60	116.70	105.90	165.30	16.14
TO2	102.96	10.30	25.10	142.40	129.87	236.50	17.39
TO3	108.01	11.91	27.20	153.70	141.20	254.20	18.02

Table 3:- Effect of Brown Mannuring on yield performance and economic of rice

Treatments	Paddy yield (t/ha)	Straw yield (t/ha)	Cost of cultivation (Rs)	Gross Return (Rs)	Net Return (Rs)	B C ratio
TO1	2.83	3.45	23160	48165.00	25005.00	2.08
TO2	5.34	5.59	23870	80305.00	56435.00	3.36
TO3	6.47	7.15	24550	101635.00	77085.00	4.14

Result:

It is clear from the data presented in table that benefit cost ratio of technological option 3 (RDF (Basal 60:60:40 NPK + Real Time Application of balance N by using Customised Leaf Colour Chart) + knock down of Dhaincha by 2, 4-D at 25-30 DAS) was found superior over farmer practices.

Recommendation:

Therefore, said on farm trial conducted in second year for conformity of result.

ON FARM TRIAL (Soil Science)

SN	Particulars	Description
1.	Intervention	Soil Science
2.	Title	Assess the Effect of Zn and Application Method of Fertilizers in Rabi Maize
3.	Micro farming situation	Micro farming situation
4.	Production system	Paddy-maize/wheat
5.	Thematic area	INM
6.	Problem	Indiscriminate method of fertilizer application
7.	Potential solution	Application of required fertilizers at proper time
8.	Source of technology	SKUAST Jammu
9.	Technology option	TO ₁ – Farmer Practices (60:0: 0 :: N:P:K Basal + 50:40:20 N:P:K at 30 DAS+ 30 kg N at 60 DAS) TO ₂ –RDF (Basal 60:60:40 :: N:P:K + 40 kg N at 30 DAS+40 kg N at 60 DAS) TO ₃ – RDF (Basal 60:60:40:25 :: N:P:K:Zn + 40 kg N at 30 DAS + 40 kg N at 60 DAS)
10.	Plot Size	0.10 ha
11.	No of farmer	10
12.	Critical input	Seed, Fertilizers
13.	Perform indicator	Technical observations Initial and final soil analysis, Plant height, No of grains per cob, grain and straw yield
		Economic Indicator Net return, B:C ratio
		Farmers' reaction/ feedback

Result: Awaited

Field Study Report Report -1

- a) Title : Impact of major training programmes conducted by KVK, Katihar
- b) Specific Objectives :
1. To study the training effectiveness
 2. To study the training satisfaction
 3. To study the impact of training
- c) Locale : Katihar
- e) Sampling Plan : Population Study (150 trainees)

f) Results:

Table 1 : On Campus Trainings and trainees:

Sl. No.	Name of the Training	Duration	Date	Number of trainees

01	Entrepreneurship development through Mushroom production	03 days	15-18.09.2015	24
02	Entrepreneurship development through Bee Keeping	03 days	9-7-2014	25
03	Seed Production of wheat	03 days	15-18.12.2015	25
04	Production Technique of Bio-Fertilizers	04 days	18-21.01.2016	25
05	Vermi composting for income generation	03 days	13-16.10.2015	25
06	Seed Production technique of Paddy	04 days	21-24.09.2015	26
Total				150

Table 2 : Percent change in knowledge and attitude:

Sl. No.	Indicators	Particip ants	Knowledge score obtained in percent		Percent change over before
			Before	after	
A	Training	Total			
01	Entrepreneurship development through Mushroom production	24	6.85	9.56	39.56
02	Entrepreneurship development through Bee Keeping	25	6.65	11.63	74.89
03	Seed Production of wheat	25	6.51	10.65	63.59
04	Production Technique of Bio-Fertilizers	25	5.95	8.52	43.19
05	Vermi composting for income generation	25	9.36	13.52	44.44
06	Seed Prodcution technique of Paddy	26	4.56	7.89	73.03
		150	39.88	61.77	54.89
Mean			6.64	10.29	54.97

Table 3 : Profile of the respondents:

S. No.	Profile	Number (N=150)	Percent
1	Education		
	Illiterate	12	18
	Functionally literate	6	9
	Primary	13	20
	Middle School	20	30
	High School	39	59
	Intermeadiate	19	29
	Graduate and above	27	41
2	Experience		
	Up to 3 years	49	32.67
	3 to 5 years	54	36.00
	5 years and above	47	31.33
3	Farm Size		
	No Land	0	0.00
	Marginal	56	37.33
	Small	29	19.33
	Medium	59	39.33
	Large	6	4.00
4	Annual income		
	Upto 50000	58	38.66
	50001 to 100000	16	10.66
	100001 to 150000	22	14.66
	151001 to 200000	8	5.33
	200001 to 250000	13	8.66
	250001 to 300000	7	4.66
	300001 and above	26	17.33
5			
Socio Economic Status	Very low	0	0.00
	Low	50	34.67
	Moderate	56	37.33
	High	20	13.33
	Very High	24	16.00

Table 7 : Rating of Training Effectiveness:

S. No.	Training satisfaction indicators	Rating Score /5	Overall Rating
01	Topics covered	4.15	4.44/05
02	Utility topics	4.05	
03	Relevance of lectures	3.85	
04	Fulfillment of expectation	3.95	
05	Practical orientation	3.42	
06	Relevance of study material	3.10	
07	Quality of training	4.13	

Field Study Report Report -2

Attributes and impact of technology intervened through Front Line Demonstration(FLD)

- 1) Title : Attributes and impact of technology intervened through Front Line Demonstration(FLD)
- 2) Specific Objectives : 1. To study the perceived attributes of the technology intervened through FLD
2. To study the Impact of the FLD demonstrated by KVK, Katihar
- 3) Research design : Exploratory and diagnostic

Table 1 : Profile of the FLD:

S. No.	Crop	Technology demonstrated	No. of farmers / demonstration
01	Lentil	Seed, Biofertiliser&chemicals	69
02	Pea	Seed, Biofertiliser&chemicals	57
03	Green Gram	Seed	13
04	Mustard	Seed, &chemicals	84
Total			223

Table 2 : Profile of the respondents:

S. No.	Profile	Number (N=223)
01	Education	
	Illiterate	43
	Primary	29
	Middle School	26
	High School	52
	Intermediate	40
	Graduate and above	33
02	Experience	
	Up to 5 years	46
	6 to 10 years	95
	11 years and above	82
03	Farm size	
	Marginal	72
	Small	81
	Medium	56

	Large	14
04	Annual income	
	Upto 50000	33
	50001 to 100000	46
	100001 to 150000	82
	151001 to 200000	36
	300001 and above	26
05	Socio-economic status	
	Very low	63
	Low	56
	Moderate	36
	High	49
	Very high	19
06	Innovativeness	
	Low	13
	Moderate	87
	High	123
07	Scientific orientation	
	Low	55
	Moderate	92
	High	76
08	Economic motivation	
	Low	43
	Moderate	89
	High	91
09	Risk preference	
	Low	56
	Moderate	78
	High	89

Table 3: Impact of technology intervened through FLD's:

S. No.	Indicators	Beneficiaries	Knowledge score obtained		Percent change over before
			Before	After	
A	Crop	Total			
1.	Lentil	69	36	49	36.11
2.	Pea	57	64	76	18.75
3.	Green Gram	13	57	71	24.56
4.	Mustard	84	58	64	10.34

Table 4: Yield Enhancement through FLD

Sl.No.	Crop	Yield of Demonstration	Yield of Check	% Change in yield
1.	Lentil	13.82	10.16	36.02
2.	Pea	14.52	10.85	33.82
3.	Green Gram	4.5	2.75	63.64
4.	Mustard	7.65	5.62	36.12

ON FARM TRIAL (Horticulture)

SN	Particulars	Description
1.	Intervention	Horticulture
2.	Title	Management and economic analysis of shoot borer in Brinjal for koshi region in Bihar
3.	Micro farming situation	Micro farming situation
4.	Production system	Vegetable-vegetable
5	Thematic area	Plant protection
6.	Problem	Fruit and shoot borer highly infested the crop and farmer faces marketable losses
7.	Potential solution	Uses of Insecticides
8.	Source of technology	BAU, Sabour
9.	Technology option	TO1 – Farmer Practices (Use of Rogar) TO2 – Trizophos + Delta methrin @ 2ml/l water TO3 - Emainmectin benzoate 5% @ 0.4 gm/lit TO4 – Spinosad 45 SC @ ½ ml/l water
10.	Plot Size	40 sq mt
11	No of farmer	6
12	Critical input	Seed, chemicals
13.	Perform indicator	Technical observations Initial and final soil analysis, shoot damage %, fruit damage on weight and number basis (%), marketable fruit yield.
		Economic Indicator Net return, B:C ratio
		Farmers' reaction/ feedback

Topic – Management and Economic analysis of shoot and fruit borer in Brinjal

Effect of insecticide on Brinjal fruit & Shoot borer

Treatment	Shoot Damage (%)	Fruit Damage (%)	Total Fruit Yield (Q/ha)	Total Healthy Fruit (Q/ha)
TO ₁ – Farmer Practices (Use of Rogar)	37.95	39.45	310.80	188.18
TO ₂ – Trizophos + Delta methrin @ 2ml/l water	18.43	26.13	336.93	248.90
TO ₃ - Emainmectin benzoate 5% @ 0.4 gm/lit	19.35	23.91	351.75	267.66
TO ₄ – Spinosad 45 SC @ ½ ml/l water	16.74	21.10	383.06	302.5

Effect of insecticide against Brinjal fruit & Shoot borer on yield and economics of Brinjal

Treatment	Yield (Q/ha)	Production cost (Rs/ha)	Gross return	Net Profit	B:C Ratio
TO ₁ – Farmer Practices (Use of Rogar)	188.18	63500.75	15999.63	94889.88	1.45
TO ₂ – Trizophos + Delta methrin @ 2ml/l water	248.90	63350.00	211614.78	148264.78	2.34
TO ₃ - Emainmectin benzoate 5% @ 0.4 gm/lit	267.66	63400.75	227564.53	164164.08	2.58
TO ₄ – Spinosad 45 SC @ ½ ml/l water	302.50	64200.75	257185.50	192985.00	3.00

Result- The Observation of recorded data showed that Technical Option-IV (Spinosad 45 SC @ ½ ml/l water) performed better in management of fruit & Shoot borer in Brinjal over farmers practices. It was also found that minimum shoot damage (16.75%) and fruit damage (21.10%) and maximum healthy fruit yield (302.50 q/ha) recorded with the application spinosad (TO4) which was significantly superior over control where as maximum shoot damage (37.95%), fruit damage (39.45%) and minimum healthy fruit yield (188.18 q/ha) found in farmers practices, the economical observation showed that spinosad (TO4) treated plant having maximum B:C Ration (3.00) over control (1:45)

Recommendations: Spinosad provides effective control widely on moths, cutter pillars, beetle and thrips group of insect. Spinosad is a bacterial product and safer for human being up to sum extend. Spinosad also found economically viable and reach to farming community. It was also found significantly superior than other treatment.

OFT (Horticulture)

SN	Particulars	Description
1.	Intervention	Horticulture
2.	Title	Effect of chemicals and PGR on pollination and fruit set for better yield on Mango.
3.	Micro farming situation	Medium and Up land
4.	Production system	Fruit Cultivation
5.	Thematic area	Crop Improvement
6.	Problem	Excess fruit drop in initial steg
7.	Potential solution	To control the fruit drop percentage with the application of chemical and PGR.2.Increase the furit set % with the help of polliantion
8.	Source of technology	BAU,Sabour
9.	Technology option	Opt. I-Farmers practice(use insecticide) Opt. II- Calcium nitrate (0.06%)+Boric acid(0.02%). Opt.III- Calcium nitrate (0.06%)+Sorbitol(2.0%). Opt.IV- Boric acid(0.02%)+Sorbitol(2.0%). Opt.V- NAA 50 ppm
10.	Plot Size	25 (plant)
11.	No of farmer	05
12.	Critical input	Chemical & PGR
13.	Performance indicator	1)Fruit sting 2) Fruit drop (at 15 day interval till maturity) 3) Fruit Weight 4) Fruit yield (q/Plant) 5) Size of Fruit (mm) 6) TSS and 7) Acidity

	Economic Indicator	B C ratio
		Farmers' reaction/ feedback

Result: Awaited

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs implemented during 2015-16

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	
1.	Green Gram (HUM -12)	Pulse Production	Seed	5	5	13	00	13	
2.	Paddy	INM	Azotobacter, PSB	05	05	06	04	10	
3.	Paddy (R. Sweta)	Crop Production	Seed	04	04	03	7	10	
4.	Mustard (Uttara)	Oilseed Production	Seed	30	30	43	37	84	
	Pea, Lentil, Wheat	INM	Rhizobium, Azotobacter, PSB	05	05	08	12	20	
5.	Pea (Prakash)	Crop Production	Seed	20	20	20	47	57	
6.	Lentil (DPL – 62)	Pulse Production	Seed	24	24	19	50	69	
7.	Potato (K. Pukhraj)	Crop Production	Seed	0.5	0.5	0	14	14	
8.	Oyster Mushroom	Mushroom Production	Seed		00	25	00	25	
9.	Wheat (HD-2967)	Crop Production	Seed	4	4	4	11	15	
10.	Sunflower (PAC-8699)	Crop Production	Seed	20	20	11	41	52	
11.	Paddy (prabhat)	Crop Production	Seed	05	05	12	00	12	
12.	Cowpea (Kashi Kanchan)	Crop Production	Seed	02	02	53	00	53	
13.	Okra(Kashi Kranti)	Vegetable Production	Seed	01	01	00	15	15	
14.	Tomato(kasha vishesh)	Fruit Production	Seed	01	01	00	14	14	

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	K					
Green Gram (HUM -12)	Kharif 2015	Irrigated	Sandy	150	24	292	Wheat	3-4-15 to 6-4-15	4-7-15 to 7-7-15		
PSB, Azotobactor	Kharif 2015	Irrigated	Sandy	194	22	264	Green Gram	12.07.2015	28.10.2015 to 3-11-15		
Paddy (R. Sweta)	Kharif 2015	Irrigated	Sandy	214	26	306	Maize	22-29.06.2015	05-11.15 to 15-11-15		
Mustard (Uttara)	Kharif 2015	Irrigated	Sandy	208	25	289	Paddy	14-20.11.2015	7-02.16 to 15-02-16		
Rhizobium, Azotobactor, PSB	Rabi 2015	Irrigated	Sandy	186	19	248	Paddy	22- -30. 11-2015	22to 26-04-2016		
Pea (Prakash)	Rabi 2015	Irrigated	Sandy	201	18	289	Paddy	12-18.11.2015	1 to 8.3-16		
Lentil (DPL – 62)	Rabi 2015	Irrigated	Sandy	176.3	15.9	153.6	Paddy	15 to 25-11-15	1to7-3-16		
Wheat (HD-2967)	Rabi 2015	Irrigated	Sandy	175	19	186	Paddy	26to 30.11.15	Standin g		
Potato (K. Pukhraj)	Kharif 2014	Irrigated	Sandy	225	23	319	Maize	16 to 21-11-15	21-2-16 to 27-02-16		
Sunflower (PAC-8699)	Rabi 2015	Irrigated	Sandy	205	22	216	Paddy	5-12.02.2016	Standin g		
Paddy (prabhat)	Summer 2015	Irrigated	Sandy	214	26	306	Paddy	12-21.01.2016	Standin g		
Cowpea (Kashi Kanchan)	Summer2015	Irrigated	Sandy	175	19	186	Mustard	20-3 to 26-03-15	Standin g		
Okra(Kashi Kranti)	Rabi 2015	Irrigated	Sandy	210	22	279	Mustard	21 to 26-316	Standin g		
Tomato(Kasi visesh)	Rabi-14	Irrigated	Sandy	185	21	176	Mustard	21-25 -11-16	4 to10 5-16		

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
Mustard	ICM	Seed , seed Treatment, Weed & Nutrient Management	84	30	7.65	5.62	36.12	12,580	27,540	14,960	2.1	11,320	20,232	8,912	1.78
Sunflower	ICM	Seed , seed Treatment, Weed & Nutrient Management	52	20	Standing in Field										

* 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
Lentil	ICM	Seed , seed Treatment, biofertilizer , Pest Management	68	24	13.82	10.16	36.02	21650	52,516	16,866	2.42	20,135	38,608	18,473	1.81

Green Gram	Pulse Production	Seed	13	05	4.5	2.7	63.6	13350	29250	15900	2.19	12400	17875	5475	1.44
Pea	Pulse Production	Seed, seed Treatment, biofertilizer, Pest Management	57	20	14.52	10.85	33.82	24,840	46,464	21,624	1.87	22,970	34,720	11,750	1.51
Green Gram	Pulse Production	Seed, seed Treatment, biofertilizer, Pest Management	38	15	Standing in the Field										
Cowpea	Pulse Production	Seed demonstration	53	02	Standing in field										

* 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	The matic 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	Crop Production	Seed demonstration	10	04	37.45	35.93	4.2			23700	59920	36220	2.5	22650	44912	22262	1.98
Paddy	Crop	Seed demo	12	5	Standing in the field												

y	Pro duct ion	nstrat ion															
To ma to	Cro p Pro duct ion	Seed demo nstrat ion	14	0 1	42 3.5	35 8. 5	18			644 70	211 750	141 980	3. 2 8	635 00	179 450	11 59 50	2. 8 3
Po tat o	Cro p Pro duct ion	Seed demo nstrat ion	14	0. 4	20 3.1 8	18 0. 54	12 .6 6			864 07. 74	233 708 .62	147 300 .87	2. 7	851 70. 84	207 392 .86	12 22 22	2. 4 3
Ok ra	Cro p Pro duct ion	Seed demo nstrat ion	15	0 1	Standing in the Field												
W he at	Cro p Pro duct ion	Seed demo nstrat ion	15	4	Standing in the Field												

Livestock

Category	Th em ati c are a	Name of the techno logy demon strated	No. of Far mer	No .of un its	Major parameter s		% chan ge in majo r para mete r	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					De mo ns rati on	Ch ec k		De mo ns rati on	Ch ec k	Gr os s Co st	Gr os s Ret urn	Net Ret urn	** B C R	Gr os s Co st	Gr os s Ret urn	Net Ret urn	** B C R
Dairy																	
Cow																	
Buffalo																	
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specif y)																	
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	The mat ic area	Name of the technology demonstrated	No . of Farmer	N o. of units	Major paramet ers		% change in maj or paramet er	Other paramet er		*Economics of demonstration (Rs.)				*Economics of check (Rs.)				
					De mo ns ration	C he ck		De mo ns ration	C he ck	G ro ss C ost	Gr oss Re tur n	Ne t Re tur n	* * B C R	G ro ss C ost	Gr oss Re tur n	Ne t Re tur n	* * B C R	
Com mon carp s																		
Mus sels																		
Orna ment al fishe s																		
Othe rs (pl.s pecif y)																		
Total																		

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

** BCR= GROSS RETURN/GROSS COST

Other enterprises:

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit					
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR		
Oyster mushroom	Enterprise development																	
Button mushroom																		
Vermi compost																		
Sericulture																		
Apiculture																		
Others (pl. specify)																		
Total																		

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

** BCR= GROSS RETURN/GROSS COST

Women empowerment

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

Farm implements and machinery:

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check									

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

** BCR= GROSS RETURN/GROSS COST

Demonstration details on crop hybrids :

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals										
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.	Green Gram	Improved Seed variety increased production
2.	PSB, Azotobactor, Rhizobium	Application of Bio fertilizer increased Production
3.	Paddy	Improved Seed variety increased production
4.	Mustard	Improved Seed variety , weed and Nutrient Management increased production
5.	Pea	Improved Seed variety & Biofertilizer increased production
6.	Lentil	Improved Seed variety & Biofertilizer increased production
7.	Wheat	Improved Seed variety increased production
8.	Potato	
9.	Oyster Mushroom	
10.	Wheat	Standing in the Field
11.	Sunflower	Standing in the Field
12.	Paddy	Standing in the Field
13.	Cowpea	Standing in the Field
14.	Okra	Standing in the Field

Extension and Training activities under FLD:

SL. No	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	07.02.2016		41	
		01.03.2016		35	
		02.03.2016		40	
2.	Farmers Training	08-09.02.2016		30	
		16-17.22016		15	
		06.102015		18	
		2-3.112016		26	
		4-5.11.2016		25	
3.	Media coverage		06	Many	
4.	Training for extension functionaries	3-11-15 7-11-15 19-11-15 20-11-15 23-11-15 3-1-16 12-1-16 20-2-16 30-3-16	9	252	

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

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													
Resource Conservation Technologies													
Cropping Systems	2	51	1	52	0	0	0	5	0	5	56	1	57
Crop Diversification	2	53	2	55	4	0	4	3	0	3	60		60
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	02	35	00	35	01	00	01	09	06	15	45	06	51
Fodder production	1	73		73	0	0	0	0	0	0	73		73
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable) Seed production													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old													

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				
orchards														
Export potential fruits														
Micro irrigation systems of orchards														
Plant propagation techniques														
Others, if any(ICM)														
c) Ornamental Plants														
Nursery Management														
Management of potted plants														
Export potential of ornamental plants														
Propagation techniques of Ornamental Plants														
Others, if any														
d) Plantation crops														
Production and Management technology														
Processing and value addition														
Others, if any														
e) Tuber crops														
Production and Management technology														
Processing and value addition														
Others, if any														
f) Spices														
Production and Management technology														
Processing and value addition														
Others, if any														
g) Medicinal and Aromatic Plants														
Nursery management														
Production and management technology														
Post harvest technology and value addition														
Others, if any														
III. Soil Health and Fertility Management														
Soil fertility management														
Soil and Water Conservation														
Integrated Nutrient Management	5	167	25	192	59	23	112	67	36	103	293	84	377	
Production and use of organic inputs														

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Management of Problematic soils														
Micro nutrient deficiency in crops														
Nutrient Use Efficiency														
Soil and Water Testing														
Others, if any														
IV. Livestock Production and Management														
Dairy Management														
Poultry Management														
Piggery Management														
Rabbit Management														
Disease Management														
Feed management														
Production of quality animal products														
Others, if any Goat farming														
V. Home Science/Women empowerment														
Household food security by kitchen gardening and nutrition gardening														
Design and development of low/minimum cost diet														
Designing and development for high nutrient efficiency diet														
Minimization of nutrient loss in processing														
Gender mainstreaming through SHGs														
Storage loss minimization techniques														
Enterprise development														
Value addition														
Income generation activities for empowerment of rural Women														
Location specific drudgery reduction technologies														
Rural Crafts														
Capacity building														
Women and child care														
Others, if any Mashroom Production														
Balance Diet														

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				
VI. Agril. Engineering														
Installation and maintenance of micro irrigation systems														
Use of Plastics in farming practices														
Production of small tools and implements														
Repair and maintenance of farm machinery and implements														
Small scale processing and value addition														
Post Harvest Technology														
Others, if any														
VII. Plant Protection														
Integrated Pest Management														
Integrated Disease Management														
Bio-control of pests and diseases														
Production of bio control agents and bio pesticides														
Others, if any														
VIII. Fisheries														
Integrated fish farming														
Carp breeding and hatchery management														
Carp fry and fingerling rearing														
Composite fish culture & fish disease														
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond														
Hatchery management and culture of freshwater prawn														
Breeding and culture of ornamental fishes														
Portable plastic carp hatchery														
Pen culture of fish and prawn														
Shrimp farming														
Edible oyster farming														
Pearl culture														
Fish processing and value addition														
Others, if any														

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			
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs	2	59	6	65	3		3	0	0	0	62	6	68
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any	3	79	3	82	12	5	17	38	12	50	129	20	149
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	17	517	37	554	79	28	137	122	54	176	718	117	835

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	2	0	47	47	0	3	3	0	0	0	0	50	50
Bee-keeping													
INM													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture	01	21	00	21	00	00	00	10	00	10	31	00	31
Sericulture													
Protected cultivation of vegetable crops/ Organic farming													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development	1	12	06	18	00	00	00	01	01	02	13	07	20
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching	01	00	25	25	00	00	00	00	00	00	00	25	25
Rural Crafts													
Other if any	01	20	00	20	01	00	01	04	00	04	25	00	25

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	6	53	78	131	01	03	04	15	01	16	69	82	150

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													
Value addition													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
TOTAL	00	00	00	00	00	00	00	00	00	00	00	00	00

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	3	101	11	112	12	6	18	14	0	14	127	17	144
Resource Conservation Technologies													
Cropping Systems	2	60	2	62	16	3	19	9	0	9	85	5	90
Crop Diversification	2	64	2	66	17	4	21	10	0	10	91	8	99
Integrated Farming	01	25	00	25	00	00	00	00	00	00	25	00	25
Water management													
Seed production													
Nursery management													
Integrated Crop Management	16	354	9	363	34	6	40	52	6	58	440	21	461
Fodder production	2	141	0	141	10	1	11	5	0	5	156	1	157
Production of organic inputs													
Others, Soil Health)	3	26	1	27	3	0	3	16	0	16	45	1	46
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation													

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			
(Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable) INM													
Others, if any (Cultivation of Vegetable) Exotoc vegetable like Broccoli													
(CropProduction)													
(CropProduction)													
Ingrated crop management													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													

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			
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any Seed Production in Potato													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any	3	925	27	952	94	6	100	92	6	98	1111	39	1150
III. Soil Health and Fertility Management													
Soil fertility management	01	08	00	08	02	00	02	12	02	14	22	02	24
Soil and Water Conservation													
Integrated Nutrient Management	46	722	128	850	115	50	135	104	28	132	941	206	1147
Production and use of organic inputs													
Management of Problematic soils													

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				
Micro nutrient deficiency in crops														
Nutrient Use Efficiency														
Soil and Water Testing	2	41	4	45	8	0	8	13	0	13	62	4	66	
Others, if any	23	394	82	476	125	43	168	123	42	165	642	167	809	
IV. Livestock Production and Management														
Dairy Management														
Poultry Management														
Piggery Management														
Rabbit Management														
Disease Management														
Feed management														
Production of quality animal products														
Others, if any Goat farming														
V. Home Science/Women empowerment														
Household food security by kitchen gardening and nutrition gardening	2	0	37	37	0	10	10	0	2	2	0	49	49	
Design and development of low/minimum cost diet														
Designing and development for high nutrient efficiency diet														
Minimization of nutrient loss in processing														
Gender mainstreaming through SHGs														

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			
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any	9	379	118	497	28	19	47	31	3	34	438	140	578
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of													

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				
bio control agents and bio pesticides														
Others, if any														
VIII. Fisheries														
Integrated fish farming														
Carp breeding and hatchery management														
Carp fry and fingerling rearing														
Composite fish culture & fish disease														
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond														
Hatchery management and culture of freshwater prawn														
Breeding and culture of ornamental fishes														
Portable plastic carp hatchery														
Pen culture of fish and prawn														
Shrimp farming														
Edible oyster farming														
Pearl culture														
Fish processing and value addition														
Others, if any														
IX. Production of Inputs at site														
Seed Production														
Planting material production														
Bio-agents production														
Bio-pesticides production														
Bio-fertilizer production														
Vermi-compost														

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													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	01	26	00	26	00	00	00	00	00	00	26	00	26
Formation and Management of SHGs	6	103	23	126	16	2	18	0	6	6	119	31	150
Mobilization of social capital													
Entrepreneurial development of farmers/youths	5	46	2	48	5	22	27	46	38	84	97	62	159
WTO and IPR issues													
Others, if any	43	1295	187	1482	172	62	234	115	46	161	1582	295	1877
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	170	4710	633	5343	657	234	861	642	179	821	6009	1048	7057

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	01	00	00	00	00	00	00	00	25	25	00	25	25
Bee-keeping													
Integrated farming													
Seed production	2	19	2	21	1	0	1	25	5	30	45	7	52
Production of organic inputs													
Integrated Farming	01	20	00	20	03	00	03	02	00	02	25	00	25
Planting material production													
Vermi-culture	2	26	0	26	3	1	4	19	1	20	48	2	50
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	01	00	00	00	00	00	00	00	32	32	00	32	32
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													

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
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any	13	70	72	142	12	36	48	49	76	125	131	184	321
TOTAL	20	135	74	209	19	37	56	95	139	234	249	250	499

Extension Personnel (Off Campus):

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

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			
Other if any	7	441	0	441	0	0	0	0	0	0	441	0	441
TOTAL	7	441	0	441	0	0	0	0	0	0	441	0	441

Consolidated table (ON and OFF Campus)

Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
I. Crop Production													
Weed Management	3	101	11	112	12	6	18	14	0	14	127	17	144
Resource Conservation Technologies													
Cropping Systems	4	111	3	114	16	3	19	14	0	14	141	6	147
Crop Diversification	4	117	4	121	21	4	25	13	0	13	151	8	159
Integrated Farming	01	25	00	25	00	00	00	00	00	00	25	00	25
Water management													
Seed production													
Nursery management													
Integrated Crop Management	18	389	9	398	35	6	41	61	6	67	495	27	522
Fodder production	3	214	0	214	10	1	11	5	0	5	229	1	230
Production of organic inputs													
Others, Soil Health)	3	26	1	27	3	0	3	16	0	16	45	1	46
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential													

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				
vegetables														
Grading and standardization														
Protective cultivation (Green Houses, Shade Net etc.)														
Others, if any (Cultivation of Vegetable) INM														
Others, if any (Cultivation of Vegetable) Exotoc vegetable like Broccoli														
(CropProduction)														
(CropProduction)														
Ingrated crop management														
Training and Pruning														
b) Fruits														
Layout and Management of Orchards														
Cultivation of Fruit														
Management of young plants/orchards														
Rejuvenation of old orchards														
Export potential fruits														
Micro irrigation systems of orchards														
Plant propagation techniques														
Others, if any(INM)														
c) Ornamental Plants														
Nursery Management														
Management of potted plants														
Export potential of ornamental plants														

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Propagation techniques of Ornamental Plants														
Others, if any														
d) Plantation crops														
Production and Management technology														
Processing and value addition														
Others, if any														
e) Tuber crops														
Production and Management technology														
Processing and value addition														
Others, if any Seed Production in Potato														
f) Spices														
Production and Management technology														
Processing and value addition														
Others, if any														
g) Medicinal and Aromatic Plants														
Nursery management														
Production and management technology														
Post harvest technology and value addition														
Others, if any	3	925	27	952	94	6	100	92	6	98	1111	39	1150	
III. Soil Health and Fertility Management														
Soil fertility management	01	08	00	08	02	00	02	12	02	14	22	02	24	
Soil and Water Conservation														
Integrated Nutrient Management	51	889	153	1042	174	73	247	171	64	235	1234	290	1524	

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 use of organic inputs														
Management of Problematic soils														
Micro nutrient deficiency in crops														
Nutrient Use Efficiency														
Soil and Water Testing	2	41	4	45	8	0	8	13	0	13	62	4	66	
Others, if any	23	394	82	476	125	43	168	123	42	165	642	167	809	
IV. Livestock Production and Management														
Dairy Management														
Poultry Management														
Piggery Management														
Rabbit Management														
Disease Management														
Feed management														
Production of quality animal products														
Others, if any Goat farming														
V. Home Science/Women empowerment														
Household food security by kitchen gardening and nutrition gardening	2	0	37	37	0	10	10	0	2	2	0	49	49	
Design and development of low/minimum cost diet														
Designing and development for high nutrient efficiency diet														
Minimization of														

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			
nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any	9	379	118	497	28	19	47	31	3	34	438	140	578
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													

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				
Bio-agents production														
Bio-pesticides production														
Bio-fertilizer production														
Vermi-compost production														
Organic manures production														
Production of fry and fingerlings														
Production of Bee-colonies and wax sheets														
Small tools and implements														
Production of livestock feed and fodder														
Production of Fish feed														
Others, if any														
X. Capacity Building and Group Dynamics														
Leadership development														
Group dynamics	01	26	00	26	00	00	00	00	00	00	26	00	26	
Formation and Management of SHGs	8	162	29	191	19	2	21	0	6	6	181	37	218	
Mobilization of social capital														
Entrepreneurial development of farmers/youths	5	46	2	48	5	22	27	46	38	84	97	62	159	
WTO and IPR issues														
Others, if any	46	1374	190	1564	184	67	251	153	58	211	1711	315	2026	
XI Agro-forestry														
Production technologies														
Nursery management														
Integrated Farming Systems														
XII. Others (Pl.	02	35	00	35	01	00	0	09	06	15	45	06	51	

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			
Specify)							1						
TOTAL	187	5227	670	5897	736	262	998	764	233	997	6727	1165	7892

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	03	00	47	47	00	03	03	00	25	25	00	75	75
Bee-keeping													
Enterprise	1	12	06	18	00	00	00	01	01	02	13	07	20
Seed production	2	19	2	21	1	0	1	25	5	30	45	7	52
Production of organic inputs													
Integrated Farming	01	20	00	20	03	00	03	02	00	02	25	00	25
Planting material production													
Vermi-culture	03	47	00	47	03	01	04	29	01	30	79	02	81
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	01	00	00	00	00	00	00	00	32	32	00	32	32
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													

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				
Fry and fingerling rearing														
Small scale processing														
Post Harvest Technology														
Tailoring and Stitching	01	00	25	25	00	00	00	00	00	00	00	25	25	
Rural Crafts														
Others, if any	14	90	72	16 2	13	36	49	53	76	12 9	156	18 4	34 6	
TOTAL	26	188	15 2	34 0	20	40	60	110	14 0	25 0	317	33 2	64 9	

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

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			
Town Hall, Katihar)													
Gender mainstreaming through SHGs													
Crop intensification													
Other if any	7	441	0	441	0	0	0	0	0	0	441	0	441
TOTAL	7	441	0	441	0	0	0	0	0	0	441	0	441

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

Discipline	Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On)	Number of participants			Number of SC/ST		
						M	F	T	M	F	T
Horticulture	11.08.2015	PF	Kharif Crop Production	01	OFF	33 7	13	350	00	00	00
	12.08.2015	PF	Kharif Crop Production	01	OFF	40 5	20	425	00	00	00
	13.08.2015	PF	Kharif Crop Production	01	OFF	36 9	06	375	00	00	00
Soil Science	08.04.2015	PF	Nutrient Management in Boro Rice	01	OFF	16	00	16	07	00	07
	10.04.2015	PF	Soil Health camp :An Awareness Training Programme	01	OFF	30	00	30	11	00	11
	12.04.2015	PF	Nutrient Management in jayad crop	01	OFF	24	00	24	00	00	00
	21.04.2015	PF	Nutrient Management in Paddy	01	OFF	00	20	20	00	10	10
	24.04.2015	PF	Nutrient Management in	01	OFF	10	00	10	00	00	00

		Banana								
10.05.2015	PF	Fertilizer Management	01	OFF	21	04	25	00	3	03
27.05.2015	PF	Management of Kharif Crops	01	OFF	37	00	37	00	00	00
29.05.2015	PF	Nutrient Management of Kharif Crops	01	OFF	23	06	29	00	04	04
04.06.2015	PF	Kharif Crop Management	01	OFF	21	09	30	07	04	11
05.06.2015	PF	Fertilizer Management in Kharif Crop	01	OFF	30	00	30	08	00	08
06.06.2015	PF	INM in Karif Crop	01	OFF	26	04	30	08	00	08
10.06.2015	PF	Soil Health Management	01	OFF	22	02	24	14	02	16
08.07.2015	PF	Nutrient Management of Kharif Crops	01		15	00	15	00	00	00
20.07.2015	PF	Enterpreneurship development through Mashroom & Poultry	01	OFF	66	16	82	65	16	81
21.07.2015	PF	Enterpreneurship development through Milk Production and Crop cultivation in rainy season	01	OFF	54	00	54	46	00	46
08.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	47	11	58	12	06	18
10.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	40	43	83	12	13	25
11.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	31	05	36	09	03	12
11.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	34	10	44	08	06	14
11.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	35	10	45	08	06	14
11.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	23	06	29	05	04	09
11.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	30	06	36	09	03	12
12.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	12	02	14	00	00	00
12.08.2015	PF	Kharif Phaslo me Samsamaik	01	OFF	13	05	18	02	03	05

		Prabandhan								
12.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	11	05	16	03	04	07
12.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	16	04	20	04	02	06
12.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	17	06	23	06	04	10
13.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	08	00	08	00	00	00
13.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	37	14	51	09	06	15
13.08.2015	PF	Kharif Phaslo me Samsamaik Prabandhan	01	OFF	15	05	20	04	03	07
24.08.2015	PF	Nutrient Management in Paddy	01	OFF	14	04	18	13	03	16
27.08.2015	PF	Importance of Soil Testing and nutrients management	01	OFF	24	01	25	04	00	04
31.08.2015	PF	Nutrients Management in Paddy	01	OFF	7	0	7	07	00	07
16.09.2015	PF	Nutrient Management in Banana Crop Cultivation	01	OFF	22	03	25	06	00	06
30.09.2015	PF	Micronutrient deficiency symptoms and crop management	01	OFF	25	00	25	00	00	00
21-24.09.2015	RY	Vermicompost Production and its marketing	01	OFF	23	02	25	22	02	24
01.10.2015	PF	Nutrient Management in Maize Crop Cultivation	01	OFF	19	00	19	00	00	00
19.10.2015	PF	Soil & Crop Management Practices to increase NUE	01	OFF	20	05	25	20	05	25
13-16.10.2015	RY	Vermi Composting	01	OFF	25	00	25	00	00	00
09.11.2015	PF	“Impact of Nutrients Management in Paddy” at Pawai & Makhadampur, Kodha Farmers	01	OFF	25	00	25	09	00	09

09.11.2015	PF	“Impact of Nutrients Management in Paddy “ at ishanpur, Kodha	01	OFF	28	02	30	08	00	08
09.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Rampur, Kodha	01	OFF	28	02	30	06	00	06
09.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Sakaraily, Kodha	01	OFF	27	03	30	05	01	06
10.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Sukhasan, Barari	01	OFF	24	03	27	06	02	08
10.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Durgapur, Kodha	01	OFF	26	02	28	05	00	05
10.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Kawar, Kodha	01	OFF	28	04	32	04	02	06
12.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Dwasai, Dandkhora	01	OFF	22	03	25	05	00	05
12.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Sauriya, Dandkhora	01	OFF	21	02	23	01	00	01
12.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Bhamaraily, Dandkhora	01	OFF	22	04	26	07	00	07
13.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Karimullapur, Amdabad	01	OFF	31	01	32	03	00	03
13.11.2015	PF	“Impact of Nutrients Management in Paddy “ at North Karimullapur, Amdabad	01	OFF	18	02	20	03	01	04
13.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Bhawanipur, Amdabad	01	OFF	24	05	29	07	03	10
13.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Chaukiya	01	OFF	29	05	34	04	03	07

		Pahadpurpur, Amdabad								
14.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Dhaparasiya, Kadwa	01	OFF	15	01	16	07	00	07
14.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Bijahra, Kadwa	01	OFF	24	05	29	07	01	08
14.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Dhangawa, Kadwa	01	OFF	20	05	25	03	04	07
14.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Gopinagar, Kadwa	01	OFF	23	02	25	05	00	05
15.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Mukuriya, Azamnagar	01	OFF	18	06	24	03	00	03
15.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Teghra, Azamnagar	01	OFF	19	06	25	03	00	03
15.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Amarsinghpur, Azamnagar	01	OFF	20	05	25	04	00	04
15.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Devgaw, Azamnagar	01	OFF	18	09	27	04	03	07
20.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Shiwanandpur, Barsoi	01	OFF	28	00	28	05	00	05
20.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Laguwa, Barsoi	01	OFF	25	00	25	04	00	04
20.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Laguadashgram, Barsoi	01	OFF	24	02	26	04	00	04
20.11.2015	PF	“Impact of Nutrients Management in Paddy “ at Dharampurpur, Barsoi	01	OFF	27	00	27	05	00	05

21.11.2015	PF	“Nutrient Management in Rabi Crop” at Kodha	01	OFF	44	20	64	14	10	24
23.11.2015	PF	“Nutrient Management in Rabi Crop” at Sameli	01	OFF	22 3	64	287	14	34	48
24.11.2015	PF	“Nutrient Management in Rabi Crop” at Hasanganj	01	OFF	60	35	95	30	15	45
25.11.2015	PF	“Nutrient Management in Rabi Crop” at Kadwa	01	OFF	60	30	90	25	15	40
07.12.2015	PF	Nutrient Management in maize	01	OFF	24	09	33	08	06	14
14,16- 18.12.2015	PF	Soil & Crop Management for taken maxium profit through Rabi	01	OFF	19	06	25	03	02	05
28- 31.12.2015	PF	Vermi Compost Production Techique	01	OFF	31	00	31	10	00	10
01.01.2016	PF	Nutrient Uses efficiencies in crops regarding Soil	01	OFF	22	00	22	11	00	11
07.01.2016	PF	Soil Health Camp	01	OFF	32	04	36	10	00	10
13.01.2016	PF	Nutrient Management in Maize	01	OFF	26	07	33	07	03	10
27.01.2016	PF	Nutrient Management in Rabi Crops	01	OFF	20	06	26	05	02	07
28.01.2016	PF	Nutrienty Management in rabi Crops	01	OFF	19	06	25	07	02	09
18- 21.01.2016	RY	Production Technique of Bio-Fertilizers	01	OFF	25	00	23	15	00	13
19.01.2016	EF	Application of Agricultural implements for Soil Imporvement	01	OFF	80	00	80	00	00	00
03.02.2016	PF	Nutrient Management in wheat	01	OFF	22	03	25	04	00	04
09- 12.02.2016	RY	Organic Manure Production Technique	01	OFF	22	01	23	17	01	18
23.02.2016	EF	Application of Agricultural implements for Soil improvement	01	OFF	75	00	75	00	00	00

	03.03.2016	PF	Nutrient Management in Boro Rice	01	OFF	24	00	24	20	00	20
	07.03.2016	PF	Nutrient Management in Boro Rice	01	OFF	17	8	25	03	05	08
Agronomy	04-06.04.2015	RY	Rice Wheat diversifation	03	ON	25	00	25	00	00	00
	26.04.2015	PF	Agronomic Management Practices for Jute	01	OFF	26	00	26	00	00	00
	20.05.2015	PF	Jute Cultivation	01	OFF	27	00	27	06	00	06
	28.05.2015	PF	Nursery Mangement in Paddy	01	OFF	28	00	28	04	00	04
	30.5.2015	PF	Weed Management in Jute	01	OFF	46	00	46	00	00	00
	05.06.2015	PF	Nursery Mangement in Paddy	01	OFF	27	07	34	07	03	10
	09.06.2015	PF	Rice Wheat Cropping system Managements	01	OFF	25	00	25	04	00	04
	26.06.2015	PF	Diversification of rice- Wheat cropping	01	OFF	27	00	27	07	00	07
	30.7.2015	PF	Paddy Cultivation by SRI Technique	01	OFF	21	00	21	00	00	00
	11.08.2015	PF	Diversification of rice wheat Cropping system	01	OFF	43	00	43	13	00	13
	11.08.2015	PF	Irrigation Management in Paddy	01	OFF	43	02	45	10	02	12
	11.08.2015	PF	Management of Rice-Wheat Cropping system	01	OFF	47	00	47	13	00	13
	11.08.2015	PF	Integrated Weed Management in Kharif crop	01	OFF	39	04	43	08	02	10
	11.08.2015	PF	Fodder Production techniques	01	OFF	34	01	35	12	01	13
	12.08.2015	PF	Management of Rice-Wheat Cropping system	01	OFF	31	03	34	07	00	07
	12.08.2015	PF	Diversification of rice wheat Cropping system	01	OFF	40	05	45	07	01	08
	12.08.2015	PF	Integrated Weed Management in Kharif crop	01	OFF	44	07	51	09	02	11
	12.08.2015	PF	Irrigation Management in Paddy	01	OFF	44	02	46	10	00	10
	13.08.2015	PF	Integrated Weed Management in Kharif crop	01	OFF	44	06	50	09	02	11

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13.08.2015	PF	Diversification of rice wheat Cropping system	01	OFF	37	03	40	07	03	10
13.08.2015	PF	Management of Rice-Wheat Cropping system	01	OFF	39	03	42	06	03	09
17.08.2015	PF	Production technique of fodder crops	01	OFF	16 3	00	163	00	00	00
27.08.2015	PF	Importance of Soil testing & crop management	01	OFF	24	01	25	04	00	04
31.08.2015	PF	Crop Management in Paddy	01	OFF	07	00	07	07	00	07
20.09.2015	PF	Production technique of fodder Crops	01	OFF	23	03	26	03	00	03
21- 24.09.2015	RY	Seed Prodcution technique of Paddy	01	OFF	26	00	26	08	00	08
06.10.2015	PF	Cultivation of Rabi Pulses	01	OFF	18	00	18	18	00	18
07.10.2015	PF	Cultivation of Wheat	01	OFF	25	00	25	06	00	06
02- 03.11.2015	PF	Prodcution technique of Rabi pulse	01	OFF	20	06	26	06	06	12
04- 05.11.2015	PF	Production technique of Oilseeds	01	OFF	25	00	25	04	00	04
15- 18.12.2015	RY	Seed Production of wheat	01	OFF	19	07	26	18	07	25
20.01.2016	PF	Ingrated farming system	01	OFF	25	00	25	00	00	00
28.01.2016	PF	Agronomic Management practices of Boro Rice	01	OFF	24	00	24	00	00	00
29.01.2016	PF	Agronomic Management practices of Maize	01	OFF	25	00	25	00	00	00
03- 06.01.2016	RY	Ingrated farming System	01	OFF	25	00	25	05	00	05
19.01.2016	EF	Ingrated farming System	01	OFF	80	00	80	00	00	00
08- 09.02.2016	PF	Scientific Cultivation of Sunflower	01	OFF	26	04	30	08	01	09
16- 17.02.2016	PF	Scientific Cultivation of Sunflower	01	OFF	15	00	15	00	00	00
01- 01.02.2016	RY	Agronomic Management Practices of Maize	01	OFF	30	00	30	00	00	00
01.03.2016	PF	Formation of Kisan Club	01	OFF	14	00	14	08	00	08

Home Science	20.05.2015	PF	Importance of nutrition garden	01	OFF	00	28	28	00	07	07
	09.06.2015	RY	Preparation of Mango Squash	01	OFF	00	30	30	00	21	21
	11.08.2015	PF	Kharif Crop Production	01	OFF	15 5	04	159	00	00	00
	12.08.2015	PF	Kharif Crop Production	01	OFF	15 1	06	157	00 0	00	00
	13.08.2015	PF	Kharif Crop Production	01	OFF	13 2	00	132	00	00	00
	07- 11.09.2015	RY	Cutting and Stitching of Women garment	01	OFF	00	25	25	00	00	00
	19.10.2015	RY	Minization of Nutrient loss in Processing	01	OFF	00	24	24	00	02	02
	06.11.2015	PF	Importance of Balance diet	01	OFF	00	22	22	00	02	02
	24.11.2015	RY	Dehydration of Cauliflowers	01	OFF	00	26	26	04	00	04
	14.12.2015	PF	Mushroom Cultivation and its importance	01	OFF	00	26	26	00	02	26
	16.12.2015	PF	Mushroom Cultivation and its importance	01	OFF	00	20	20	00	03	23
	17- 19.12.2015	RY	Mushroom Cultivation and its importance	01	OFF	00	22	22	00	03	25
	05.01.2016	PF	Preservation of vegetable and its importance	01	OFF	00	24	24	00	03	03
	27.01.2016	RY	Enterpreneurship development through Preservation of seasonal Vegetable	01	OFF	00	32	32	00	32	32
	09.02.2016	PF	Nutrition garden and its importance	01	OFF	00	21	21	00	05	05
	15.02.2016	PF	Preservation of vegetable and dehydration	01	OFF	00	15	15	00	05	05
	18.02.2016	RY	Preparation of farmer club	01	OFF	00	18	18	00	06	06
	19.03.2016	PF	Farmers Club formation and its importance	01	OFF	00	20	20	00	07	07
	09- 11.03.2016	RY	Different types of mushroom cultivation and its importance	01	OFF	00	25	25	00	00	00

EXTENSION EDUCATION	23.04.2015	PF	Contingency Crop Planinig	01	OFF	25	00	25	00	00	00
	26.04.2015	PF	Care o f Animal	01	OFF	41	00	41	00	00	00
	29.04.2015	PF	Formation Management of SHG	01	OFF	25	00	25	00	00	00
	17.05.2015	PF	Fromation & Management of SHG	01	OFF	21	04	25	00	00	00
	27.05.2015	PF	Capacity Building in Rice Growers	01	OFF	20	00	20	00	00	00
	28.05.2015	PF	Capacity Building in Rice Growers	01	OFF	60	00	60	20	00	20
	29.05.2015	PF	Capacity Building in Rice Growers	01	OFF	43	10	53	11	02	13
	30.05.2015	PF	Capacity Building in Rice Growers	01	OFF	40	06	46	10	00	10
	04.06.2015	PF	Capacity building of Paddy Growers	01	OFF	26	00	26	02	00	02
	06.06.2015	PF	Capacity building of Paddy Growers	01	OFF	41	03	44	00	03	03
	25.06.2015	PF	Formation Management of SHG	01	OFF	24	06	30	00	06	06
	20.07.2015	PF	Enterpreneurship development through Mashroom & Poultry	01	OFF	66	16	82	65	16	81
	21.07.2015	PF	Enterpreneurship development through Milk Production and Crop cultivation in rainy season	01	OFF	54	00	54	46	00	46
	23.07.2015	PF	Formation Management of SHG	01	OFF	08	21	29	00	00	00
	8/8/15	PF	Capacity building of banana Growers	01	OFF	47	11	58	12	06	18
	10/8/15	PF	Capacity building of banana Growers	01	OFF	40	33	73	12	03	15
	11/8/2015	PF	Capacity building of Rice growers	01	OFF	46	8	54	24	08	32
	11/8/2015	PF	Capacity building of Rice growers	01	OFF	42	7	49	14	04	18
	11/8/2015	PF	Capacity building of Rice growers	01	OFF	55	0	55	19	00	19
	11/8/2015	PF	Capacity building of Rice growers	01	OFF	59	11	70	03	02	05
11/8/2015	PF	Capacity building of Rice growers	01	OFF	54	16	70	15	00	15	
12/8/2015	PF	Capacity building of Rice growers	01	OFF	62	9	71	38	09	47	
12/8/2015	PF	Capacity building of	01	OFF	29	18	47	10	10	20	

		Rice growers								
12/8/2015	PF	Capacity building of Rice growers	01	OFF	29	6	35	00	00	00
12/8/2015	PF	Capacity building of Rice growers	01	OFF	30	22	52	00	00	00
12/8/2015	PF	Capacity building of Rice growers	01	OFF	56	0	56	00	00	00
13/8/2015	PF	Capacity building of Rice growers	01	OFF	60	0	60	00	00	00
13/8/2015	PF	Capacity building of Rice growers	01	OFF	43	0	43	00	00	00
13/8/2015	PF	Capacity building of Rice growers	01	OFF	56	6	62	00	00	00
13/8/2015	PF	Capacity building of Rice growers	01	OFF	49	0	49	06	00	06
13/8/2015	PF	Capacity building of Rice growers	01	OFF	33	19	52	00	19	19
31/08/15	PF	Capacity building of rice growers	01	OFF	7	0	7	07	00	07
3/09/15	PF	Capacity building of Paddy growers	01	OFF	41	00	41	11	00	11
23/9/15	PF	Formation and Management of Self Help Group	01	OFF	30	00	30	00	00	00
28/9/15	PF	Formation and Management of Self Help Group	01	OFF	30	02	32	13	02	15
15-18.09.2015	RY	Entrepreneurship development through Mushroom production	01	OFF	25	06	25	16	03	19
09.10.2015	PF	Formation and Management of Self Help Group	01	OFF	26	00	26	00	00	00
12-15.10.2015	RY	Entrepreneurship development through Bee Keeping	01	OFF	24	01	25	00	00	00
10.11.2015	PF	Capacity building of maize growers	01	OFF	25	00	25	00	00	00
14.11.2015	PF	Capacity building of maize growers	01	OFF	13	09	22	00	09	09
15.11.2015	PF	Capacity building of maize growers	01	OFF	40	00	40	18	00	18
15.11.2015	PF	Capacity building of maize growers	01	OFF	14	01	15	00	01	01
20.11.2015	PF	Capacity building of maize growers	01	OFF	29	00	29	00	00	00
21.11.2015	PF	Capacity building of Wheat growers	01	OFF	41	05	46	11	00	11
22.11.2015	PF	Capacity building of Wheat growers	01	OFF	33	00	33	09	00	09
23.11.2015	PF	Capacity building of Wheat growers	01	OFF	32	16	48	00	00	00
24.11.2015	PF	Capacity building of	01	OFF	23	00	23	00	00	00

			Wheat growers								
25.11.2015	PF	Capacity building of Wheat growers	01	OFF	60	19	79	00	00	00	
18.12.2015	PF	Capacity Building of Maize growers	01	OFF	39	00	39	06	00	06	
28.12.2015	PF	Capacity Building of Maize growers	01	OFF	40	18	58	07	06	13	
29.12.2015	PF	Formation Management of SHG	01	OFF	14	15	29	00	00	00	
30.12.2015	PF	Formation Management of SHG	01	OFF	29	07	36	00	00	00	
14-17.12.2015	RY	Entrepreneurship development through Mushroom production	01	OFF	03	24	27	03	24	27	
15.01.2016	PF	Entrepreneurship development through Vermi composing	01	OFF	12	11	23	04	11	15	
16.01.2016	PF	Entrepreneurship development through Vermi composing	01	OFF	11	11	22	01	11	12	
24.01.2016	PF	Formation Management of SHG	01	OFF	34	00	34	14	00	14	
27.01.2016	PF	Formation Management of SHG	01	OFF	20	06	26	05	02	07	
28.02.2016	PF	Formation Management of SHG	01	OFF	24	00	24	00	00	00	
29.01.2016	PF	Formation Management of SHG	01	OFF	25	00	25	00	00	00	
06-09.01.2016	RY	Entrepreneurship development through Hone Bee Production	01	OFF	13	07	20	01	01	02	
19.01.2016	EF	Entrepreneurship development through Mechanisation	01	OFF	80	00	80	00	00	00	
01-04.02.2016	RY	Entrepreneurship development through Mushroom	01	OFF	00	25	25	00	25	25	
10.02.2016	PF	Formation and Management of Kisan Club	01	OFF	14	18	32	00	18	18	
11.02.2016	PF	Formation and Management of Kisan Club	01	OFF	17	00	17	00	00	00	
15.02.2016	PF	Formation and	01	OFF	23	00	23	00	00	00	

			Management of Kisan Club								
20.02.2016	PF		Entrepreneurship development through Vermicompost	01	OFF	20	02	22	00	00	00
22.02.2016	PF		Entrepreneurship development through off season vegetable cultivation	01	OFF	00	38	38	00	38	38
08-11.03.2016	RY		Entrepreneurship development through Poultry Production	01	OFF	00	25	25	00	25	25
15-18.03.2016	RY		Formation & Management of SHG	01	OFF	00	25	25	00	25	25
GRANT TOTAL				217		74	149	898	13	64	197
						92	7	9	28	5	3

H) Vocational training programmes for Rural Youth

Detail of training Programme for Rural Youth

Crop / Enterprise	Identified Thru st Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
		Vermicomposting and its marketing	7	28	2	30	Pacca	30	30	
		Entrepreneurship development through beekeeping	8	26	4	30			14	

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

S. No	Title	The matic area	Month	Duration (days)	Client PF/R Y/EF	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
	KHARIF KISAN SAMMELAN	ICM	Aug-15	01	PF	01	85	17	22	24	6	9	109	23	31	163	ICAR
	Krishi vipanan hetu krishak jagrukta programme	Agri Marketing Awareness	Aug-15	01	PF	01	34	4	11	0	0	10	34	4	21	59	NIAM Jaipur
	Krishi vipanan hetu krishak jagrukta programme	Agri Marketing Awareness	Dec-15	01	EF	01	46	00	00	00	0	0	46	0	0	46	NIAM Jaipur
	PPV&FRA	Conservation Agriculture	March-16	01	PF	01	57	14	12	9	5	13	66	19	25	110	PPV & FRA
	Rabi Mahotsav	ICM	Jan-16	01	PF	01	62	37	52	19	13	23	81	50	75	206	ICAR
	ATMA KATI HAR	Formation and Management of SHGs	Feb-16	01	PF	01	33	0	5	0	0	17	33	0	21	54	ATMA KATI HAR
	Kisan awareness cum workshop programme on PMFBY	Awareness on PMFBY	April-16	01	PF,FM,EF	01	273	58	67	19	15	21	252	73	88	453	ICAR

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

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	17	789	21	810	10	00	10	799	21	820
KisanMela										
Kisan Ghosthi	04	307	00	307	00	00	00	307	00	307
Exhibition										
Kisan Chaupal	31	850	113	963	28	00	28	878	113	991
Film Show	07	789	118	907	00	00	00	789	118	907
Workshop	01	419	54	473	12	00	12	431	54	485
Group meetings	08	213	59	272	12	9	21	225	68	293
Lectures delivered as resource persons	60	328	189	517	271	19	290	599	208	807
Advisory Services	3815	3815	00	3815	00	00	00	3815	00	3815
Scientific visit to farmers field	185	1318	00	1318	00	00	00	1318	00	1318
Farmers visit to KVK	1207	1083	124	1207	00	00	00	1083	124	1207
Diagnostic visits										
Exposure visits										
Ex-trainees Sammelan	02	52	16	68	13	3	16	65	19	84
Soil health Camp	05	148	00	148	00	00	00	148	00	148
Animal Health Camp	2	320	00	320	05	00	05	325	00	325
Agri mobile clinic										
Soil test campaigns	1	289	31	320	8	0	8	297	31	328
Farm Science Club Conveners meet	3	60	00	60	00	00	00	60	00	60
Self Help Group Conveners meetings										
Mahila Mandals Conveners meetings										
Celebration of important days (specify)										
Any Other (Specify)										
Total	5348	10780	725	11505	359	31	390	11139	756	11895

B. Other Extension Activities

Nature of Extension Activity	No of Activities
Newspaper coverage	248
Radio talks	00
TV talks	06
Popular articles	01
Extension Literature	16
Other, if any	12

Kisan Chaupal Details year 2015-16:

S.No.	Date	Name of Village	No. of Question	No of Participants						Total
				SC		ST		Others		
				M	F	M	F	M	F	
1.	04.04.2015	Baida	17	00	00	00	00	34	00	34
2.	25.04.2015	Kawar	21	00	00	00	00	29	00	29
3.	16.05.2015	Amole	23	01	00	01	00	31	00	31
4.	23.05.2015	Mahmdiya	12	00	00	00	00	20	12	32
5.	04.07.2015	Sahpur	19	07	05	00	00	28	08	48
6.	11.07.2015	Amdabad	25	02	00	00	00	19	00	21
7.	01.08.2015	Bharmara	18	02	00	08	00	16	00	26
8.	22.08.2015	Dumaria Vishunpur	12	06	00	08	00	13	00	27
9.	19.09.2015	Kalyangyon	18	00	00	00	00	26	00	26
10.	26.09.2015	Sohath North	12	03	02	04	01	21	00	31
11.	03.10.2015	Dildar Nagar	20	01	00	04	00	27	00	32
12.	10.10.2015	Arihana	30	20	00	01	00	17	00	38
13.	17.10.2015	Mallikapur	20	00	00	00	00	23	00	23
14.	31.10.2015	Bharmara	15	01	00	03	00	15	00	19
15.	07.11.2015	Sharmari	16	00	00	34	00	00	00	34
16.	14.11.2015	Souriya	06	00	00	00	00	14	04	18
17.	28.11.2015	Mimiyal	14	10	00	00	00	17	00	27
18.	12.12.2015	Mariyahi	18	00	00	21	00	06	00	27
19.	19.12.2015	Govindpur	20	00	00	13	00	18	00	31
20.	26.12.2015	Kaurira	22	00	00	08	00	26	00	34
21.	02.01.2016	Baiznathpur	37	00	00	00	00	41	00	41
22.	09.01.2016	Sirsa	30	00	11	00	00	16	20	47
23.	30.01.2016	Bhaghura	18	08	11	01	00	06	02	28
24.	05.02.2016	Banshi	38	00	00	30	02	20	02	54
25.	13.02.2016	Bharmara	21	00	00	00	00	30	00	30
26.	20.02.2016	Salehpur	15	00	00	06	03	15	00	24
27.	27.02.2016	Sabda	18	06	10	02	00	12	03	33
28.	05.03.2016	Musapur	13	00	00	00	00	33	00	33
29.	12.03.2016	Fulhara	23	00	00	19	00	12	00	31
30.	19.03.2016	Rampur Hardar	31	03	00	00	00	32	00	35
31.	26.03.2016	Udama rekha	05	00	03	00	02	00	12	17
TOTAL			607	70	42	163	8	617	63	963

3.5 Production and supply of Technological products

Village seed

Crop	variety	Quantity of seed (q)	Value (Rs)	Number of farmers provided
Total				

KVK farm

Crop	variety	Quantity of Seed (q)	Value (Rs)	Number of farmers provided
Wheat	HD-2985	50.00	74,250.00	
Green Gram	HUM-16	2.16		
Paddy	Prabhat	56.0	1,22,130.00	
Til	Krishna	2.80	10,980.00	
Arhar	NDA-1	3.83	34916.00	
Grand Total		114.79	2,42,276.00	

Production of planting materials by the KVKs

Crop	Variety	Quantity of Planting material no./seed (q)	Value (Rs)	Number of farmers provided
Vegetable seedlings				
Cauliflower				
Cabbage				
Tomato				
Brinjal				
Chilli				
Onion				
Others				
Fruits				
Mango		1300		
	Maldah			
	Jardalu			
	Mallika			
	Dashari			
Arampali				
Guava				
Lime				
Litchi				
Papaya				
Banana				
Others				
Ornamental plants				
Medicinal and Aromatic				
Plantation				

Spices				
Turmeric				
Tuber				
Elephant yams				
Fodder crop saplings				
Forest Species				
Others, pl.specify				
Total				

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity	Value (Rs.)	No. of Farmers
		Kg		
Bio Fertilisers	Vermicompost	6400		
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others				
Total				

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Others (Pl. specify)				
Grand Total				

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

Item	Title	Authors name	Number	Circulation
Seminar/ conference/ symposia papers				
Research paper	studies of nitrogen use efficiency in wheat (<i>triticum aestivum</i> l) by split application at different growth stages. National Seminar on Soil Health Management and Food Security Role of Soil Science Research and Education held at Kolkata on October 8-10, 2015.	<i>R.K. Singh, Pankaj Kumar and S. B. Singh (2015)</i>		
Research paper	knowledge and attitude of farmers about soil testing practices in katihar district. National Seminar on Soil Health Management and Food Security Role of Soil Science Research and Education held at Kolkata on October 8-10, 2015.	Pankaj Kumar, R.K. Singh and S. B. Singh (2015)		
Research paper	Effect of bio-fertilizers on growth, yield and economics of field pea (<i>Pisum sativum</i> L). National Seminar on Soil Health Management organized by Department of Soil Science and Agricultural Chemistry, Bihar Agricultural University, Sabour, Bhagalpur held on 28-29 January 2016.	Rama Kant Singh, Pankaj Kumar, S. K. Singh and S. B. Singh (2016)		
Research paper	Effect of different Sowing Method and Different NPK Levels for Nutrient Use Efficiency and Economics of Maize. National Seminar on Soil Health Management organized by Department of Soil Science and Agricultural Chemistry, Bihar Agricultural University, Sabour, Bhagalpur held on 28-29 January 2016.	Rama Kant Singh, Pankaj Kumar, S. K. Singh and S. B. Singh (2016)		
Research paper	Effect of puddling, organic matter and nitrogen levels applied to rice (<i>Oryza sativa</i>) on succeeding wheat (<i>Triticum aestivum</i>). National Seminar on Impact of Organic Farming in Sustainable Rural Development through Agriculture held at BHU KVK on February 8-9, 2016.	<i>Rama Kant Singh, Pankaj Kumar, S. K. Singh and S.B. Singh (2016)</i>		
Research paper	Effect of PSB and <i>Azotobacter</i> inoculations on yield and quality of pea (<i>Pisum sativum</i> L). National Seminar on Impact of Organic Farming in Sustainable Rural Development through Agriculture held at BHU KVK on February 8-9, 2016.	<i>Rama Kant Singh, Pankaj Kumar, S. K. Singh and S.B. Singh (2016)</i>		
Research paper	Effect of Sulphur on Growth, Yield and Economics of Onion (<i>Allium cepa</i> L). Indian Ecological Society International Conference-2016 held at Sher-e-kashmir University of Agricultural Sciences & Technology of Jammu on dated February 18-20, 2016.	Rama Kant Singh, Pankaj Kumar and S. B. Singh (2016)		
Research paper	Response of chemical fertilizer and vermicompost on okra (<i>Abelmoschus esculantus</i>) cv. PRAVANI KRANTI. The Asian Journal of Horticulture 9 (2) : 372-376	Ajay Kr Das, B. Prashad and R. K. Singh (2014)		

Research paper	Effect of Biofertilizer on Growth, Yield and Economics of Rice (<i>Oryza sativa</i> L). Internat. Res J. Agric. Eco. & Stat., 6(2) : 386-391	Rama Kant Singh, Pankaj Kumar and S.B. Singh (2015)		
Research paper	Effect of Sulphur on Growth, Yield and Economics of Onion (<i>Allium cepa</i> L). Indian J. Ecology 43 (special issue-1):202-207	Rama Kant Singh, Pankaj Kumar and S. B. Singh (2016)		
Research paper	Effect of split application of nitrogen on performance of wheat (<i>Triticum aestivum</i> L). Internat.J.agric.sci., 12 (1) : 32-37.	Rama Kant Singh, Pankaj Kumar, B. Prasad, A.K. Das and S. B. Singh (2016).		
Books	Paudha kisam Krishak adharkar sarkshan Adiniyam, 2001	Dr. S.B. Singh, PC KVK, Katihar Sri U. K. dubey, Deputy registrar PPV & FRA	1000	1000
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	Pradhan Mantri Fasal Bima Yojana	Krishi Vigyan Kendra, Katihar	1000	1000
Extension Pamphlets/ literature	Krishak adhikar Paudha kisam aur krishak Sansthan adhiniyam 2001	Krishi Vigyan Kendra, Katihar	3000	3000
Extension Pamphlets/ literature	Agricultural Marketing	Krishi Vigyan Kendra, Katihar	50	50
Extension Pamphlets/ literature	Gahari Jutai : Fasal paidawar ki Adhar	Dr. Rama Kant Singh, SMS (Soil Science)	1000	1000
Extension Pamphlets/ literature	Zero Tilej Teknik Dwara gehu ki buyai	Dr. Sushil Kumar Singh SMS (Agronomy)	1000	1000
Extension Pamphlets/ literature	Fal w sabji Parirakshan dwara Mahilayo me udamiata vikas	Smt Basanti Kumari, SMS (Home Science)	1000	1000
Extension Pamphlets/ literature	Gramin Mahila avam kutir udhog	Sri Pankaj Kumar, SMS (Ext. Edu)	1000	1000
Extension Pamphlets/ literature	Kharpatwar mukta Kharif Fasale	Sri Pankaj Kumar, SMS (Ext. Edu)	1000	1000
Extension Pamphlets/ literature	Arhar ki Unnat kheti pranali	Dr. Sushil Kumar Singh SMS (Agronomy)	1000	1000
Extension Pamphlets/ literature	Mrada Parikshan : Kab and kaise	Smt Swarn Prabha reddy, PA(LT) & Dr. Rama Kant Singh, SMS (Soil Science)	1000	1000
Extension Pamphlets/ literature	Rasayanik Urwarak me milabat ka Parikshan	Dr. Rama Kant Singh, SMS (Soil Science)	1000	1000
Extension Pamphlets/ literature	Mashrum Utapadan	Smt Basanti Kumari, SMS	1000	1000

literature		(Home Science)		
Extension Pamphlets/ literature	Gramin vikas deyari vyvasay ka mahatav	Dr. S.B. Singh, PC KVK, Katihar	1000	1000
Extension Pamphlets/ literature	Aam ke mukhy kit avam wayadhi (rog) aur bachav ke tarike	Sri Ajay Kumar Das, SMS (Hort)	1000	1000
Extension Pamphlets/ literature	Lichi ke bago ke jirnoudhar	Sri Ajay Kumar Das, SMS (Hort)	1000	1000
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL			1850	1850

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 KVK personnel and designation	Date and Duration	Organized by
1.	State level Workshop	Dr. S.B. Singh, PC, KVK, Katihar	01 (18.04.2015)	ZPD Zone-II
2.	Zonal Workshop	Dr. S.B. Singh, PC, KVK, Katihar	02 (26-27.05.2015)	ZPD Zone-II
3.	Training (Project Formulation)	Sri Pankaj Kumar SMS (Ext. Edu)	02 (25-26.6.2015)	CCS National Institute of Agriculture Marketing
4.	Training (IPM of Field Crops and Horticultural Crops)	Dr. Sushil Kumar Singh SMS (Agronomy)	03 (16-18.06.2015)	ZPD Directorate,
5.	National Conference on KVK	Dr. S.B. Singh PC, KVK, Katihar	02 (25-26.07.2015)	ICAR
6.	National Conference on KVK	Dr. Sushil Kumar Singh SMS (Agronomy)	02 (25-26.07.2015)	ICAR
7.	National Conference on KVK	Sri Pankaj Kumar SMS (Ext Edu)	02 (25-26.07.2015)	ICAR
8.	National Conference on KVK	Dr. Rama Kant Singh SMS (S.Science)	02 (25-26.07.2015)	ICAR
9.	National Conference on KVK	Sri Surendra Singh, Farmer	02 (25-26.07.2015)	ICAR
10.	National Conference on KVK	Sri Ranjeet Kumar, Farmer	02 (25-26.07.2015)	ICAR
11.	Training (Climate – smart Agriculture in Bihar)	Sri Sushil Kumar Singh SMS (Agronomy)	03 (27-29.07.2015)	D.N.S. Regional Institute of Co-operative Management, Patna

12.	Training (New Advance in Horticulture and Its Adaption)	Sri Ajay Kumar Das SMS (Horticulture)	05(29.07.2015-02.08.2015)	Dircetor Extension Education, BAU, Sabour
13.	Workshop (Lower gangetic plain region)	Dr.S.B.Singh, Programme Coordinator	01(31.10.2015)	ICAR-Central Inland fisheries Research Institute, Barrackpore
14.	Training (Software of Pay Slip)	Sri Mukesh Kumar, Assistant	01(06.11.2015)	Dircetor Extension Education, BAU, Sabour
15.	Training (Software of Pay Slip)	Sri Amarendra kumar Vikas, Prog. Asstt.(Comp)	01(06.11.2015)	Dircetor Extension Education, BAU, Sabour
16.	Workshop Cluster demonstration of oilseed and pulse crop	Sri Sushil Kumar Singh SMS (Agronomy)	02(08-09.12.2015)	ICAR-ATARI, Kolkatta
17.	Workshop Workshop on PPV&FR	Sri Sushil Kumar Singh SMS (Agronomy)	01(10.12.2015)	ICAR-ATARI, Kolkatta
18.	National Seminar on Intellectual Property Right (IPR) in Agricultural	Sri Sushil Kumar Singh SMS (Agronomy)	02(22-23.12.2015)	Dircetor Extension Education, BAU, Sabour
19.	Training Programme on New Advance in Crop Production and Soil Health Management with Special reference to bio-fertilizer	Dr. Rama Kant Singh SMS (Soil Science)	05(08-12.01.2016)	Dircetor Extension Education, BAU, Sabour
20.	National Seminar on Soil Health Management	Dr. Rama Kant Singh SMS (Soil Science)	02(28-29.01.2016)	Dircetor Extension Education, BAU, Sabour
21.	Training Programme on Recent Trends of insect-pest and disease management in crop	Sri Om Prakash Bharti Farm Manager	05 (30.01.2016-03.02.2016)	Dircetor Extension Education, BAU, Sabour
22.	Training Indian Ecological Sociely international Conference at Sher-e-Kashmir University of Agricul & Tech at Jammu	Dr. Rama Kant Singh SMS (Soil Science)	02(18.02.2016-20.02.2016)	Sher-e-Kashmir University of Agricul & Tech at Jammu
23.	Training Programme on CMRS	Sri Sushil Kumar Singh SMS(Agronomy)	02(14-15.03.2016)	Internation Rice Research Institute & Dircetor Extension Education, BAU, Sabour
24.	Training HRD Training for Farm Manager	Sri Om Prakash Bharti Farm Manager	04(28.03.2016-31.03.2016)	Dircetor Extension Education, BAU, Sabour

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

क्र.सं.	विवरण	:	उत्तर
1.	किसान का नाम	:	श्री टुनटुन मंडल
2.	ग्राम	:	डुमरिया, विशनपुर,
	प्रखंड	:	मनसाही
	जिला	:	कटिहार
3.	दूरभाष संख्या	:	9709621008
4.	खेत के क्षेत्रफल	:	1.5 एकड़
5.	दुधारू/अन्य पशुओं की संख्या	:	1. मूर्गीपालन-50 2. सूअर पालन-14
6.	कृषि विज्ञान केन्द्र/महाविद्यालय जिससे आप लाभान्वित हुए हैं।	:	कृषि विज्ञान केन्द्र कटिहार से समेकित कृषि प्रणाली का प्रशिक्षण प्राप्त किया है। गरीबों के उत्थान के लिए "भावना किसान क्लब" का गठन कर किसानों को उन्नत खेती का जानकारी प्रदान करते हैं।
7.	सदस्यता का विवरण (स्वयं सहायता समूह, उत्पादक सहकारी समीतियों इकाईयों इत्यादि में)	:	29GLG(संयुक्त उतरदायित्व समूह) एवं 75 स्वयं सहायता समूह का निर्माण एवं वित्तीय साक्षरता प्रदान करना।
8.	उद्यम (Enterprise)	:	क्लब की महिलाओं को जूट का प्रशिक्षण दिलाकर स्वाबलंबी, स्वरोजगारोन्मुखी बनाने का कार्य करते हैं। उद्यमिता विकास के लिए मुर्गीपालन, सुअर पालन और कम लागत में वर्मी कम्पोस्ट, बांसबेड बना कर वर्मी कम्पोस्ट का उत्पादन करते हैं।
9.	नवीनता (Innovation)	:	कम लागत की वर्मी कम्पोस्ट इकाई का प्रचार प्रसार।
10.	अन्य कितने किसानों को आपके उद्यम की नवीनता से लाभ हुआ है।	:	200
11.	विगत 2-3 वर्षों की औसत वृद्धि दर	:	8-9 प्रतिशत
12.	अन्य संस्थाओं से मिले सम्मान/पुरस्कार	:	नाबार्ड द्वारा प्रशस्ति पत्र
13.	आपकी उपलब्धियों का विस्तृत ब्यौरा	:	टूनटून मंडल ग्राम डूमरिया विशनपुर मनसाही कटिहार के निवासी हैं इन्होंने विभिन्न संस्थाओं से प्रशिक्षण प्राप्त किया है। जिसमें प्रमुखतः बिरसा कृषि विश्वविद्यालय राँची में बकरी पालन प्रशिक्षण, केन्द्रीय आलू रिसर्च सेन्टर से आलू, राजेन्द्र कृषि विश्वविद्यालय, पुसा बिहार से औषधीय पौधा के उन्नत खेती, केन्द्रीय मात्स्यकी शिक्षा संस्थान से मत्स्य एवं झींगा पालन, राजेन्द्र कृषि विश्वविद्यालय, पूसा बिहार से वर्मी कम्पोस्ट कृषि विज्ञान केन्द्र कटिहार से मधुमक्खी पालन, नेशनल इन्स्च्युट ऑफ रिसर्च ओन जुट एन्ड एलाइंड फाइबर कलकता- जूट, कृषि विज्ञान केन्द्र कटिहार बिहार से ग्रॉफिटिंग एवं लेयरिंग के द्वारा पौधा का प्रवर्धन, साईस फॉर सोसाइटी पुर्णिया से एस0 एच0 जी0, उत्तर बिहार ग्रामीण बैंक मनसाही से एस0 एच0 जी0 का कार्य, कृषि विज्ञान केन्द्र कटिहार से समेकित कृषि प्रणाली का प्रशिक्षण प्राप्त किया है। कमजोर वर्ग के किसानों हेतु "भावना किसान क्लब" का गठन कर

		<p>किसानों को उन्नत खेती की जानकारी प्रदान करते हैं। क्लब की महिलाओं को जूट से प्रशिक्षण दिलाकर स्वाबलंबी, स्वरोजगारोन्मुखी बनाने का कार्य करते हैं। उद्यमिता विकास के लिए मुर्गीपालन, सुअर पालन और कम लागत में वर्मी कम्पोस्ट, बांसबेड बना कर वर्मी कम्पोस्ट का उत्पादन करते हैं। श्री टूनटून मंडल के द्वारा किसान मेला एवं बिहार दिवस 2013 में अपने स्टॉल के माध्यम से किसानों का ज्ञानवर्धन किया गया। बिहार दिवस 2013 के अवसर पर कृषि विज्ञान केन्द्र, कटिहार से सहयोग से बांस के उत्पादों का स्टॉल लगाया गया था जिसे काफी सराहा गया।</p>
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क्र.सं.	विवरणी	:	
1.	किसान का नाम	:	श्रीमती लीली मरांडी
2.	ग्राम	:	नीमा
	प्रखंड	:	मनिहारी
	जिला	:	कटिहार
3.	दूरभाष संख्या	:	7763022163
4.	खेत के क्षेत्रफल	:	2.5 एकड
5.	दुधारू/अन्य पशुओं की संख्या	:	नहीं
6.	तलाब (यदि है) का क्षेत्रफल	:	नहीं
7.	कृषि विज्ञान केन्द्र/महाविद्यालय जिससे आप लाभान्वित हुए हैं।	:	इन्होंने कृषि विज्ञान केन्द्र के वैज्ञानिकों से संपर्क कर खेती की नई विद्याओं को सीखा एवं वैज्ञानिक विधि से खेती प्रारम्भ किया। इन्होंने मशरूम उत्पादन का भी प्रशिक्षण लिया एवं मशरूम उत्पादन शुरू किया।
8.	सदस्यता का विवरण (स्वयं सहायता समूह, उत्पादक सहकारी समितियों इकाईयों इत्यादि में)	:	हाँ, स्वयं सहायता समूह के कोषाध्यक्ष के पद पर रहते हुए बिना किसी विवाद के अपने समुह के कूल पूजी 93,000 रुपये तक पहुँचाया।
9.	उद्यम (Enterprise)	:	मशरूम उत्पादन. वैज्ञानिक विधि से खेती
10.	नवीनता (Innovation)	:	अपने समुह में मशरूम उत्पादन करवाना
11.	अन्य कितने किसानों को आपके उद्यम की नवीनता से लाभ हुआ है।	:	30
12.	विगत 2-3 वर्षों की औसत वृद्धि दर	:	5-6 प्रति"त
13.	अन्य संस्थाओं से मिले सम्मान/पुरस्कार	:	नहीं
14.	आपकी उपलब्धियों का विस्तृत ब्यौरा	:	<p>सन् 2012 में अपने पति की असमय मृत्यु के बाद श्रीमती लीली मरांडी ने अपने परिवार को बिखरने नहीं दिया एवं अपने चार बच्चों के भरण-पोषण की जिम्मेवारी अपने कंधों पर लेकर बाढ़ग्रस्त इलाके में वैज्ञानिक विधि से अपनी खेती प्रारंभ की। इन्होंने अपने गाँव की अन्य आदिवासी महिलाओं को नवीनता की ओर प्रेरित करते हुए अपने आदिवासी महिलाओं के बीच स्वयं सहायता समूह का गठन किया। पारंपरिक रूप से वित्तीय निरक्षर महिलाओं को वित्तीय शाक्षरता का पाठ पढ़ाया। वित्तीय रूप से सबल होने के बाद इन्होंने अपने समूह में उद्यमिता का विकास किया। इन्होंने अपने समूह की सभी महिलाओं को कृषि विज्ञान केन्द्र, कटिहार से प्रशिक्षित करवाया साथ ही अपने समूह की सभी महिलाओं को मशरूम उत्पादन के लिए प्रेरित किया। आज इनके साथ इनके समूह की सभी महिलायें मशरूम उत्पादन कर रही हैं, जिसके कारण पोषण संबंधी आवश्यकता की पूर्ति के साथ-साथ उन महिलाओं को धनोपार्जन के साथ आर्थिक स्वावलंबन की राह पर ले जाने का काम रही हैं। पहले तो लोगों ने इनका उपहास उड़ाया कि कम जमीन कमजोर आर्थिक एवं शारीरिक परिवेश की महिलायें नवउद्यम कैसे कर पायेंगी लेकिन जब प्रयोग सफल हुआ तो पास के गाँव मुसहरी, ओलीपुर एवं पोखरीटोला की महिलाओं ने भी मशरूम उत्पादन शुरू किया है। निश्चित रूप से इनके द्वारा की गई पहल क्षेत्र की महिलाओं की आर्थिक दशा को सबल बनाने में सक्षम होगा।</p>

क्र.सं.	विवरण	:	
1.	किसान का नाम	:	श्री सदानंद मंडल
2.	ग्राम	:	भेलाई
	प्रखंड	:	डंडखोरा
	जिला	:	कटिहार
3.	दूरभाष संख्या	:	9572568655
4.	खेत के क्षेत्रफल	:	2.0 एकड
5.	दुधारू/अन्य पशुओं की संख्या	:	1. दो गाय 2. मधुमक्खी पालन
6.	कृषि विज्ञान केन्द्र/महाविद्यालय जिससे आप लाभान्वित हुए हैं।	:	श्री सदानंद मंडल ने कृषि विज्ञान केन्द्र कटिहार से मधुमक्खी पालन तथा समूह निर्माण की कलाएँ सीखी। इसके बाद इन्होंने 11 कृषकों का जिनकी अभिरुचि मधुमक्खी पालन में था एक समूह तैयार किया एवं 75 बॉक्स से मधुमक्खी पालन शुरू किया। तथा श्री मंडल ने कृषि विज्ञान केन्द्र कटिहार से मधुमक्खी पालन, समूह निर्माण की कलाएँ सीखी।
7.	सदस्यता का विवरण (स्वयं सहायता समूह, उत्पादक सहकारी समीतियों इकाईयों इत्यादि में)	:	स्वयं सहायता समूह,
8.	उद्यम (Enterprise)	:	मधुमक्खी पालन
9.	नवीनता (Innovation)	:	स्वयं सहायता समूह का गठन कर मधुमक्खी पालन की।
10.	अन्य कितने किसानों को आपके उद्यम की नवीनता से लाभ हुआ है।	:	750
11.	विगत 2-3 वर्षों की औसत वृद्धि दर	:	10-12 प्रति"त
12.	अन्य संस्थाओं से मिले सम्मान/पुरस्कार	:	नहीं
13.	आपकी उपलब्धियों का विस्तृत ब्यौरा	:	सदानंद मंडल ने अपने आजीविका की तलाश में कक्षा-आठवीं की पढ़ाई छोड़ पंजाब की ओर रुख किया वहाँ उन्होंने कश्मीर एपीयरी में दिहाड़ी श्रमिक के रूप में तीन साल तक काम किया। लगन के पक्के एवं कुछ नया करने की सोच रखने वाले श्री मंडल ने अपनी जमा पूँजी से सन् 1999 में 10 बॉक्स से पंजाब में ही अपना मधुमक्खी पालन शुरू किया। सन् 2000 में शादी होने के पश्चात् पंजाब से 100 बॉक्स लेकर अपने घर आ गये। अगले वर्ष बाढ़ की विभिषिका के कारण उनके सभी बॉक्स समाप्त हो गये। इसके बाद वे निराश होकर पिता द्वारा प्राप्त 11 डिसीमिल जमीन में खेती शुरू की साथ ही साथ दिहाड़ी श्रमिक के रूप में गाँव में ही दूसरे कृषकों की खेती में अपना योगदान देने लगे। धूल के पक्के लोगों का रास्ता प्रकृति भी नहीं रोक पाती एवं किरमत, लगन, नये रास्तों पर चलने के लिए प्रेरित करती है। श्री मंडल ने कृषि विज्ञान केन्द्र कटिहार से मधुमक्खी पालन, समूह निर्माण की कलाएँ सीखी। इसके बाद इन्होंने 11 कृषकों का जिनकी अभिरुचि मधुमक्खी पालन में था एक समूह तैयार किया एवं 75 बॉक्स से मधुमक्खी पालन शुरू किया। आज इसके समूह में 750 बॉक्स

		<p>हैं प्रत्येक साल 250 बॉक्स बढ़ते हैं। जिसको या तो ये अपने समूह में रखते हैं या फिर नये मधुमक्खी पालकों को बेच देते हैं। जिसका दर 2800 रुपये प्रति बॉक्स होता है। मधुमक्खी बॉक्स के माइग्रेशन में इनकी पत्नी सहयोग करती है। ऐसे समय जब पराग नहीं मिलता, मधुमक्खी को चीनी खिलाने की आवश्यकता होती है। उस समय इनकी पत्नी इनका पूरा सहयोग करती है। ये अपने मधुमक्खी बॉक्स को लेकर विभिन्न मौसमों में कटिहार, किशनगंज, पूर्णियाँ, भागलपुर, बाँका तक जाते हैं। इनके समूह को सालभर में औसत 20 लाख (अनुमानित) आय हो जाती है। इन्होंने मधुमक्खी पालन के कारण अपने पिताजी से प्राप्त जमीन 0.11 डिसमिल में बढ़ोत्तरी करते हुए 496 डिसमिल कर ली है। इस प्रकार से इन्होंने दिहाड़ी श्रमिक से मुक्ति पाकर अपने साथ के 10 और लोगों को उद्यमिता की राह पर ले जाने का प्रयास किया है।</p> <p>एक ऐसे दौर में जबकि कृषि में युवाओं का रुझान घटता जा रहा है श्री मंडल उन युवाओं के लिए प्रेरणास्रोत साबित हो रहे हैं।</p>
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3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

3.9 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)

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK

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

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

Sl. No	Name of the Equipment	Qty.
1.	Bunsen Burner for LPG Gas	1
2.	Muffle Furnace 4”X4”X9” Chamber Size Make TANCO	1
3.	Viscometer Ostwald glass	1
4.	Max-Min Thermometer	1
5.	Hygrometer Make- Imported Digital	1
6.	Automatic Vortexing Machine Cyclo Mixer TANCO make	1
7.	Grinder	1
8.	Mechanical Shaker	1
9.	Electronic Balance	1
10.	PH meter	1
11.	Flame Photometer	1
12.	Hot Air Oven	1
13.	Hot Plate	1
14.	Digital Conductivity meter	1
15.	Double Distillation Unit	1
16.	Mrida Parikshan Kit	1

3.11.b. Details of samples analyzed so far :

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
pH, E Ce, OC, N, P, K,Ca,Mg,Na, CO ₃ ,HCO ₃ ,Cl,	876	876	75	39390
Total	876	876	75	39390

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

3.14. RAWE programme - is KVK involved: Yes

No of student/ARS trained	No of days stayed
15	90

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
17.08.2015	Sri tariq Anwar ji, MP, Katihar	To take participate in the Kharif Krishik Sammelan
17.08.2015	Sri Satyanarayan Prasad, Ex-MLA, Katihar	To take participate in the Kharif Krishik Sammelan
17.08.2015	Sri Dilip Kumar vishwash, NCP, District Head, Katihar	To take participate in the Kharif Krishik Sammelan
17.08.2015	Sri Ram Niwas Yadav, District Head, Katihar	To take participate in the Kharif Krishik Sammelan
26.08.2015	Dr. S.R. Singh, Assistant Director, NIAM, Jaipur	Participate in the programme Farmer's Awariness in Agricultural Marketing
26.08.2015	Sri Amit Kumar, DDM,Nabard, Katihar	Participate in the programme Farmer's Awariness in Agricultural Marketing
05.12.2015	Sri Tarkishor Ji, MLA, Katihar	To Celebrate the " Internation Soil Day"
05.12.2015	Sri Ram lakhan Sah, Pramukh, Katihar	To Celebrate the " Internation Soil Day"
05.12.2015	Sri Shashi Kant Jha, Deputy Project Director, ATMA, Katihar	To Celebrate the " Internation Soil Day"
24.12.2015	Sri Tarkishor Ji, MLA, Katihar	Participate in the programme Farmer's Awariness in Agricultural Marketing
24.12.2015	Dr. S.R. Singh, Assistant Director, NIAM, Jaipur	Participate in the programme Farmer's Awariness in Agricultural Marketing
23.01.2016	Sri tariq Anwar ji, MP, Katihar	To take participate in the Rabi Krishik Sammelan
21.02.2016	Dr. A.K.Singh, VC,BAU, Sabour	Visit the KVK, Katihar Farm

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)

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

4.2 Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Improved cultivars	1675
Seed treatment	1546
Vermicompost	1195
Seed production	365
Balanced fertilizer application	1690

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

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

Details of innovations recorded by the KVK

Thematic area	Resource conservation
Name of the Innovation	Sri Lalit Kumar Singh
Details of Innovator	Age:- 62 years Vill:- Kantia Post:- Kadwa Distt:- Katihar(Bihar)
Back ground of innovation	Farming
Technology details	Sri Lalit Singh adopted the methods of IFS. In most of his land he planted some useful trees that gave him fruits and timbers so useful. He started small dairy that gave him ample milk for sale. He started Gobar gas plant and the slurry of gobar gas plant converted into vermi compost and from gas he operated pumping set and domestic use. Growing Mushroom and maintaining more than fifty colonies of Bees' become another solid source of income. He taught the importance of environment and ecology to another farmer of neighboring areas
Practical utility of innovation	Uses of dung in different methods saves the expenditure of petroleum products and the sale of vermicompost,milk, mushroom , Honey bee gives additional income

Entrepreneurship development	
Name of the enterprise	Bee keeping
Name & complete address of the entrepreneur	Sri Sadanand Mandal
Intervention of KVK with quantitative data support:	Intervention of Entrepreneurship Development on Beekeeping
Time line of the entrepreneurship development	2013-14
Technical Components of the Enterprise	Training
Status of entrepreneur before and after the enterprise	Start Beekeeping in a group of farmers and in first years starts with 10 boxes and get 550 Kg honey with an investment of Rs 25000. The gross return from this enterprise get Rs 5500/- and the net return found with the start of this enterprise is Rs. 2000/-
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Enterprise is in good condition and the group found satisfactory results in terms of monetary benefits.
Horizontal spread of enterprise	Enterprise is spread among other 14 rural youths.

Entrepreneurship development	
Name of the enterprise	Vermicompost
Name & complete address of the entrepreneur	Sri Satendar Singh. Vill:- Sakraily, Block- Brari
Intervention of KVK with quantitative data support:	Training Sri Singh make a unit of 1750 cubic feet with an investment of 3000/- and he found net return of rs.2220/-
Time line of the entrepreneurship development	2013-14
Technical Components of the Enterprise	Training
Status of entrepreneur before and after the enterprise	After starting the enterprise sri singh gets additional income of Rs. 2220 .
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Present working condition is in a good condition . The availability of raw material is not a problem and the sailing of vermicompost is not a problem.
Horizontal spread of enterprise	Other progressive farmers adopt this enterprise

4.6 Any other initiative taken by the KVK

5.0 LINKAGES

5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
DAO, Katihar.	Technical Support
DHO, Katihar	Technical Support
ATMA, Katihar	Technical Support
IFFCO, Katihar.	Technical Support
NABARD, Katihar	Technical Support
Jute Dev. Office, Katihar.	Technical Support
Sugarcane Department, Purnea	Technical Support
NGO, Katihar	Technical Support
AIR, Purnea	Technical Support
JIVIKA, Katihar	Technical Support
NSC	Technical support in seed production programme
CIFE, Mumbai	Joint Programme
IARI, Pusa, Samastipur	Joint Programme
Doordarshan, Patna	Joint Programme
BRBN	Technical Support
Industrial Development Department	Technical Support
Rural Self Employment Training Institute, Katihar	Technical Support
Lead Bank(Central Bank of India)	Technical Support

5.2. List special programmes undertaken during 2015-16 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./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.)
Ppvfra	Training , film show, exhibition	14.03.2016	PPVFRA	80,000.00
Niam	Training , film show, exhibition	26.08.2015	NIAM	48,000.00
Niam	Training , film show, exhibition	24.12.2015	NIAM	80,000.00
Kharif mahotsav	Training , film show, exhibition	17.08.2015	ICAR	80,000.00
Rabi mahotsav	Training , film show, exhibition	23.01.2016	ICAR	80,000.00

Atma KATI HAR	Training , film show, exhibition	09.02.2016	ATMA KATI HAR	20,000.00
Kisan awareness cum workshop programme	Training , Film Show, Exhibition	02.04.2016	ICAR	1,85,497.00
International soil day	Distribution of soil health card	05.12.2015	ICAR	

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	

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	

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

Sl. No.	Name of the Product	Qty (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermicompost	64			

6.4 Performance of instructional farm (livestock and fisheries production)

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

6.5 Utilization of hostel facilities

Accommodation available (No. of beds):

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
March 2016	15	90	
Total :	15	90	

(For whole of the year)

6.6 Utilization of staff quarters

Whether staff quarters has been completed: Yes

No. of staff quarters: 06(1 pc quarter, 1 FM quarter, 2 TA quarter , 2 supporting staff quarter completed and allotted)

Date of completion:DEC 2013

Occupancy details:

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

7.FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
R/F	State Bank of India	Shiv Mandir chowk, Katihar	10501342703
C/A	State Bank of India	Shiv Mandir chowk, Katihar	10501337736
NHM	State Bank of India	Shiv Mandir chowk, Katihar	31114820470
Kisan Bhawan	State Bank of India	Shiv Mandir chowk, Katihar	32122713347

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

Item	Released by ICAR		Expenditure		Unspent balance as on 31.03.2016
	Kharif	Rabi	Kharif	Rabi	
Sunflower		1,20,000.00		1,07,920.00	12,080.00
Mustard		1,80,000.00		1,05,533.00	74,467.00

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

Item	Released by ICAR		Expenditure		Unspent balance as on 31.03.2016
	Kharif	Rabi	Kharif	Rabi	
Green Gram		1,12,500.00		95,420.00	17,080.00
Field Pea		1,50,000.00		1,38,990.00	11,010.00
Lentil		1,80,000.00		1,602,646.00	19,354.00

7.4 Utilization of funds under FLD on Maize (Rs. In Lakh)

Item	Released by ICAR		Expenditure		Unspent balance
	Kharif	Rabi	Kharif	Rabi	
TOTAL					

7.5 Utilization of KVK funds during the year 2015-16 (not Audited)

S. No	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	8109000	8109000	8070633
2	Traveling allowances	100000	100000	99585
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			
B	POL, repair of vehicles, tractor and equipments	500000	500000	630209
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	375000	375000	386913
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	250000	250000	250000
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	125000	125000	106797
G	Training of extension functionaries			
H	Maintenance of buildings	50000	50000	59814
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
TOTAL (A)				
B. Non-Recurring Contingencies				
1	Works			
2	Equipments including SWTL & Furniture			
3	Vehicle (Four wheeler/Two wheeler, please specify)	120000	120000	120000
4	Library (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

7.6. Status of revolving fund (Rs. in lakh) for last three years

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2013-14	1639336.49	598875.00	574972.00	1663239.49
2014-15	1663239.49	652393.00	890906.00	1424726.49
2015-16	1424726.49	524548.00	484118.50	1465155.99

7.6.(i) Number of SHGs formed by KVKs

(ii) Association of KVKs with SHGs formed by other organizations indicating the Area of SHG activities.:-

7.7 Details of marketing channels created for the SHGs

7.8. Special programme on Food and Nutrition :

7.9. Joint activity carried out with line departments and ATMA:

Name of activity	Season	With line department	With ATMA	Both
Field Visit	Kharif & Rabi 2015-16	✓	✓	✓
Krishak Gosthi	Kharif & Rabi 2015-16	✓	✓	✓
Field Day	Kharif 2015-16	✓		
Krishak Vigyanik Milan	Rabi 2015-16	✓		
Rabi Mahotsav	Rabi 2015-16	✓		
Kharif Mahotsav	Kharif 2015-16	✓		
Crop Cutting Experiments	Kharif & Rabi 2015-16	✓		

8. Other information

8.1. Prevalent diseases in Livestock/Crops

Name of the disease	Crop/animal	Date of outbreak	Number of death/ % crop loss	Number of animals vaccinated

8.2. Nehru Yuva Kendra (NYK) Training

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

8.3. PPV & FR Sensitization training Programme

Date of organizing the programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration
14.03.2016	Dr. R.N.Singh, Associate Director, Extension Educatuion,BAU Sabour,Bhagalpur	110	Wheat,Paddy,Mustard, Maize, Pea, Makhana, Cheena, Lentil, Vegetable.	50
	Dr. R. Rohaman, Chief Scientist, Jute research Centre, Katihar			
	Dr. S.B.Singh, Programme coordinator, KVK, Katihar			
	Dr. Chandan rai, Junior Scientist, BAU Sabour,Bhagalpur			
	Sri Amit Kumar, DDM, NABARD			
	Sri B.P, Kushbah, Lead District Manager, Katihar			
	Sri Rakesh Kumar, Assistant Director, Horticulture			
	Sri Ashwani Kumar Choudhary, Associate Jute development Officer, Katihar			
	Sri Sunirmalgarai, District Coordinator, Jeevilka, Katihar			
	Sri Kader Nath Singh, District Husbandry Development Officer, Katihar			

8.4. SMS PORTAL

Date of start of functioning of SMS portal

No. of messages	No. of calls	No. of farmers covered	Types of messages (No.)					
			Crop	Live stock	Weather	Market ing	Aware ness	Other
32	15934	2,39,010	13	0	8	0	3	8

8.5 Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken
25.09.2015 to 02.09.2015	KVK, Katihar organise Swachta Saptah from 25 th September to 2 nd October 2015. necessary actions for cleanliness of residential colony situated at KVK, Katihar. Scientist of KVK, Katihar focused upon sanitation in Field day and Kisan Mela organised during the Swachta Saptah . In village level programmes Team KVK focused upon the Importance of sanitation in detail. Techniques of sanitation at village level like vermin compost technique, Mushroom cultivation technique to recycle agro waste in a suitable manner with earning additional income also introduced. Farmers were advised to minimize the Chemical Fertilisers, Insecticides, Pesticides through Soil Testing, Bio Fertilisers and use of bio - Pesticides.

8.6 Observation of National Science day

Date of Observation	Activities undertaken

8.7 .Programme with SeemaSurakshaBal (BSF)

Title of Programme	Date	No. of participants

8.8 Agriculture Knowledge in rural school:

Name and address of school	Date of visit to school	Areas covered	Teaching aids used

8.9. Details of Kharif and Rabi Sammellan (Information should be provided in two separate tables – one for Kharif and another for Rabi Sammellan)

Kharif Sammellan

Name of the state	Name of district/ KVK	Date on which conducted	Number of participants		Name of public representative	Details of Technology Demonstrated and other programmes organized
			Farmers	Others		
Bihar	Katihar	17.08.2015	600	19	Sri Tariq Anwar ji Hon'ble Member of Parliament of Katihar	Awariness programme Kharif Crops among farmers, through Exhibits, Technology based Films, and Krishak gosthi

Rabi Sammelan

Name of the state	Name of district/KVK	Date on which conducted	Number of participants		Name of public representative	Details of Technology Demonstrated and other programmes organized
			Farmers	Others		
Bihar	Katihar	23.01.2016	500	13	Sri tariq Anwar ji Hon'ble Member of Parliament of Katihar	Awareness programme Rabi Crops among farmers, through Exhibits, Technology based Films, and Krishak gosthi

8.10. Details of Pradhan Mantri Fasal Bima Yojana programme organized:

Name of the state	Name of district/KVK	Date on which conducted	Number of participants		Name of public representative	Details of awareness created and other programmes organized
			Farmers	Others		
Bihar	Katihar	02.04.2016	700	12	Sri Manohar Prasad Singh Hon'ble M.L.A. of Manihari, Katihar	Detail about the significance of PMFBY scheme for farming community Pradhan Mantri Fasal Bima Yojana as well as other schemes for farmers and the role of KVK for promotion of Govt. Schemes like Kisan tv, establishment of E platform, Rastriya Gokul Mission and other schemes Soil health Card, Neem coated urea and INM scientific cultivation of Jute described in detail about the technical aspects and benefits about this PMFBY. KVK is also promoting this yojna through Kisan Chaupal and other activities

8.11. Contingent crop planning:

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

8.12 Report on Citizens' Client Charter (attending the requests seeking guidance on agricultural technology and technology products)

Sl. No.	Services/ Transaction	Process	Service Standard	No. of such services attended by KVKs and ATICs during the year	No. of such services pending with KVK/ATIC beyond 30 days
1.	Guidance on Agricultural technology and technology products	Personal contact by the Service Sectors with the responsible person of KVK/ATIC	30 days	1277	'No Any'

8.13 Community Radio Station:- Under Process.

Date of establishment :

Amount of fund received year wise :

Source of fund:

Achievements:

Sr. no	Community Radio Stations (CRS)	No of programmes in the year	Total broadcast hrs in a month	Please specify details of the broadcasts
A.	<p>Agricultural broadcasts</p> <ul style="list-style-type: none"> • Talks/interviews/discussions with experts, PG students/ and farmers on Agricultural technologies • Agroclimatic conditions, weather and marketing advisory • Phone-in programme of interface with experts • Phone-in programme with interface of progressive/innovative farmers • Success stories of progressive farmers • Success stories in FLD/OFT/ Trainings /Extension activities 			

Sr. no	Community Radio Stations (CRS)	No of programmes in the year	Total broadcast hrs in a month	Please specify details of the broadcasts
B.	<ul style="list-style-type: none"> • Women in agriculture programme • Discussions on current issues in agriculture and allied sectors. • KVK happenings • Agricultural University professors. • Any other(please specify) <p>Community development broadcasts</p> <p>Please specify the programmes like rural development, educational, health, environment, public service broadcasts, sports etc.</p>			

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

8.15. a. Utilization of HRD fund (Rs 0.50 Lakh provided to KVKs):

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme	Amount spent for the purpose (Rs.)
State level Workshop	01 (18.04.2015)	Dr. S.B. Singh,	PC, KVK,Katihar	ZPD Zone-II	
Zonal Workshop	02 (26-27.05.2015)	Dr. S.B. Singh,	PC, KVK,Katihar	ZPD Zone-II	
Training (Project Formulation)	02(25-26.6.2015)	Sri Pankaj Kumar	SMS (Ext. Edu)	CCS National Institute of Agriculture Marketing	
Training (IPM of Field Crops and Horticultural Crops)	03(16-18.06.2015)	Dr. Sushil Kumar Singh	SMS (Agronomy)	ZPD Directorate,	
National Conference on KVK	02(25-26.07.2015)	Dr. S.B. Singh	PC, KVK,Katihar	ICAR	
National Conference on KVK	02(25-26.07.2015)	Dr. Sushil Kumar Singh	SMS (Agronomy)	ICAR	
National Conference on KVK	02(25-26.07.2015)	Sri Pankaj Kumar	SMS (Ext Edu)	ICAR	
National Conference on KVK	02(25-26.07.2015)	Dr. Rama Kant Singh	SMS (S.Science)	ICAR	
National Conference on	02(25-26.07.2015)	Sri Surendra Singh,	Farmer	ICAR	

KVK					
National Conference on KVK	02(25-26.07.2015)	Sri Ranjeet Kumar,	Farmer	ICAR	
Training (Climate – smart Agriculture in Bihar)	03(27-29.07.2015)	Sri Sushil Kumar Singh	SMS (Agronomy)	D.N.S. Regional Institute of Co-operative Management, Patna	
Training (New Advance in Horticulture and Its Adaption)	05(29.07.2015-02.08.2015)	Sri Ajay Kumar Das	SMS (Horticulture)	Dircetor Extension Education, BAU, Sabour	
Workshop (Lower gangetic plain region)	01(31.10.2015)	Dr.S.B.Singh,	Programme Coordinator	ICAR-Central Inland fisheries Research Institute, Barrackpore	
Training (Software of Pay Slip)	01(06.11.2015)	Sri Mukesh Kumar,	Assistant	Dircetor Extension Education, BAU, Sabour	
Training (Software of Pay Slip)	01(06.11.2015)	Sri Amarendra kumar Vikas,	Prog. Asstt.(Comp)	Dircetor Extension Education, BAU, Sabour	
Workshop Cluster demonstration of oilseed and pulse crop	02(08-09.12.2015)	Sri Sushil Kumar Singh	SMS (Agronomy)	ICAR-ATARI, Kolkatta	
Workshop on PPV&FR	01(10.12.2015)	Sri Sushil Kumar Singh	SMS (Agronomy)	ICAR-ATARI, Kolkatta	
National Seminar on Intellectual Property Right (IPR) in Agricultural	02(22-23.12.2015)	Sri Sushil Kumar Singh	SMS (Agronomy)	Dircetor Extension Education, BAU, Sabour	
Training Programme on New Advance in Crop Production and Soil Health Management with Special reference to bio-fertilizer	05(08-12.01.2016)	Dr. Rama Kant Singh	SMS (Soil Science)	Dircetor Extension Education, BAU, Sabour	
National Seminar on Soil Health Management	02(28-29.01.2016)	Dr. Rama Kant Singh	SMS (Soil Science)	Dircetor Extension Education, BAU, Sabour	
Training Programme on Recent Trends of insect-pest and disease	05 (30.01.2016-03.02.2016)	Sri Om Prakash Bharti	Farm Manager	Dircetor Extension Education, BAU, Sabour	

management in crop					
Training Indian Ecological Sociely international Conference at Sher-e-Kashmir University of Agricul & Tech at Jammu	02(18.02.2016-20.02.2016)	Dr. Rama Kant Singh	SMS (Soil Science)	Sher-e-Kashmir University of Agricul & Tech at Jammu	
Training Programme on CMRS	02(14-15.03.2016)	Dr Sushil Kumar Singh	SMS (Agronomy)	Internation Rice Research Institute & Dircetor Extension Education, BAU, Sabour	
Training Programme on CMRS	02(14-15.03.2016)	Dr Rama Kant Singh Singh	SMS (Soil Sci.)	Internation Rice Research Institute & Dircetor Extension Education, BAU, Sabour	
Training HRD Training for Farm Manager	04(28.03.2016-31.03.2016)	Sri Om Prakash Bharti	Farm Manager	Dircetor Extension Education, BAU, Sabour	

8.16 Revenue generation:

SL.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	PPV&FRA	80,000.00	PPV&FRA
2.	NIAM,Jaipur	48,000.00	NIAM
3.	NIAM,Jaipur	80,000.00	NIAM
4.	Kharif Mahotsav	80,000.00	ICAR
5.	Rabi Mahotsav	80,000.00	ICAR
6.	ATMA KATI HAR	20,000.00	ATMA KATI HAR
7.	Pradhanmantri Fasal Bima Yojna Programme	1,85,497.00	ICAR

8.17 Resource Generation:

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

8.18. Performance of Automatic Weather Station in KVK:

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
2011-12	IMD	Not in Working condition

8.19. IPNI Trail (Applicable for KVKs identified under IPNI trial):- N/A

- I Name of Crop
- II No. of farmers involved
- III Area (ha.)
- IV Date of sowing
- V Crop Season
- VI Result of trial with photographs however detailed results/observation should be sent as per performance after crop harvest
- VII Amount Spent

9. Achievement under TSP Project:- NA

Name of the village adopted under TSP	Block	Population of the village			ST Population of the village			Percentage of ST population to total population
		M	F	T	M	F	T	

Asset created under TSP

Fund received under TSP in 2015-16: Not received

10. PROGRESS REPORT OF NICRA KVK (Technology Demonstration component) 2015-16:- N/A

(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

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted	Remarks

Livestock and fisheries

Name of intervention undertaken	Number of animal covered	Number of units	Area (ha)	No of farmers covered / benefitted	Remarks

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks

Capacity building

Thematic area	No. of Courses	No. of beneficiaries		
		Males	Females	Total

Extension activities

Thematic area	No. of activities	No. of beneficiaries		
		Males	Females	Total

Detailed report should be provided in the circulated Performa

11. National Initiative on Fodder Technology Demonstration (NIFTD)
(Applicable for KVKs identified under NIFTD)

Name of the fodder crop	Date of sowing	Area (ha)	No. of farmers involved	Demonstration Yield (q/ha)			Check Yield			% increase
				H	L	A	H	L	A	

Economic of Demonstration

Name of the fodder crop	Demonstration Cost/Rs/ha			Check Cost (Rs/ha)		
	Gross cost	Gross return	BC ratio	Gross cost	Gross return	BC ratio

12. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
1.	Best stall award 2 nd	2016	BAU,Sabour		Kisan Mela

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1.	BAU,Kisan Samman in KIsan Mela	Sri Sadanand Singh	2016	BAU, Sabour		

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

14. Any other programme organized by KVK not covered above