

ANNUAL REPORT 2016 (April 2016 to March 2017)

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.Shailendra Kumar Sihna		9771010625	katiharkvk@gmail.com

1.4. Year of sanction of KVK:

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

1.5. Staff Position (as on 1st April, 2017)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/Others)
1	Programme Coordinator	Dr. S.K.Sinha	Programme Coordinator	Extension Education	37400-67000/ 70800	28.01.1988	Permanent	Gen
2	Subject Matter Specialist	Dr. K.P. Singh	Subject Matter Specialist	Horticulture	15600- 39100/25810	10.06.2009	Permanent	OBC
3	Subject Matter Specialist	Dr. Sushil Kumar Singh	Subject Matter Specialist	Agronomy	15600-39100/ 26590	15.06.2009	Permanent	OBC
4	Subject Matter Specialist	Sri Pankaj Kumar	Subject Matter Specialist	Extension Education	15600-39100/ 26590	16.11.2009	Permanent	EBC
5	Subject Matter Specialist	Dr. Rama Kant Singh	Subject Matter Specialist	Soil Science	15600-39100/ 23640	16.04.2012	Permanent	Gen
6	Subject Matter Specialist							
7	Subject Matter Specialist							
8	Programme Assistant	Smt Swarn Prabha Reddy	Programme Assistant (Lab. Tech)	B. Sc. (Ag)	9300-34800/ 15210	30.10.2012	Permanent	OBC
9	Computer Programmer	Sri Amarendra Kumar Vikas	Programme Assistant (Computer)	M.Sc. (IT)	9300-34800/ 14760	13.05.2013	Permanent	OBC
10	Farm Manager	Sri Om Prakash Bharti	Farm Manager	B.Sc. (Ag)	9300-34800/ 15210	05.11.2012	Permanent	EBC
11	Accountant / Superintendent	Sri Mukesh Kumar	Assistant	M.B.A. (Finance)	9300-34800/ 14760	09.04.2013	Permanent	EBC
12	Stenographer	Sri Abhay Kumar	Stenographer	B.A.	5200-20200/ 12970	17.07.2013	Permanent	EBC
13.	Driver	Sri Ram Jee	Driver	Matric	5200-20200/8720	09.05.2015	Permanent	OBC
14.	Driver	Sri Manoj Kumar Prajapati	Driver	Matric	5200-20200/ 8720	12.05.2015	Permanent	Gen
15.	Supporting staff	Sri Sanajay Yadav	Supporting staff	Inter mediate	7715 fixed	01.02.2014	Temporary	BC
16.	Supporting staff			-				

1.6. Total land with KVK (in ha) :

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

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building		✓					Under not use	ICAR
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.	Others, Please Specify					✓		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	2,09,049	Already condemned and auction complete
Tractor M.F.	2005	5.00		good condition
Motor cycle	2015	0.6	5545	Good Condition
Motor Cycle	2015	0.6	5237	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				
Ridger	2014	8000	Good	RF
Power reaper Tractor operator	2012	79500	Good	ICAR
Cultivator 9 tine	2012	17500	Good	ICAR
Power Sprayer	2012	9500	Good	ICAR
Disc Harrow 12 disc	2012	38500	Good	ICAR
Tractor operated Winnower	2012	14500	Good	ICAR
Power chain sow	2012	38500	Good	ICAR
Thresher (Multi crop)	2012	87500	Good	ICAR
Rotavator	2012	87840	Good	ICAR
Disc plough 2 disc	2012	20500	Good	ICAR
Land leveler	2011	9000	Good	RF
Hand winover	2011	4000	Good	RF
Mobile Seed processing plant	2011	970000	Good	RKVY
Tractor drawn reaper	2011	57000	Good	RKVY
Zero till seed cum fertilizer drill	2011	39480	Good	RKVY
c. AV Aids				
Xerox Machine Canon	2006	1,00,000	Not in Working	ICAR
Camera (Digital)	2007	15,000	Not in Working	ICAR
TV with DVD	2007	15,000	Good	ICAR
Generator Set	2009	49,500	Good	ICAR
Computer with Accessories	2008	50000	Good	ICAR
Digital Weighing machine	2011	19500	Good	ICAR
PA System	2011	24679	Good	ICAR

Projector with Accessories	2011	99800	Good	ICAR
Camera (Digital)	2015	23,500	Good	Current
Desktop computer & Laptop	2016	82583	Good	RKVY
CCTV Camera and DVR (Accessories)	2016	21000	Good	RKVY
LED Flood Light With Stand	2016	6500	Good	RKVY
Sound System	2016	30165	Good	RKVY
Video Camera Handy cam	2016	82871	Good	RKVY
Projector with Tripod Projector Screen (Accessories) with Wifi Dongle	2016	52000	Good	RKVY
Photo Copier Cum Printer (Accessories)	2016	96173	Good	RKVY
Still Photographic Camera	2016	29600	Good	RKVY
D) Farm implements				
Kudal	2012	190	Good	RF
Dabia	2012	180	Good	RF
Pati	2012	10	Good	RF
Khurpi	2012	110	Good	RF
Kachia	2012	40	Good	RF

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	10.01.2017	33	As given below	As given below	

* Salient recommendation of SAC in bullet form

Attach a copy of SAC proceedings along with list of participants

दिनांक 10.01.2017 कृषि विज्ञान केन्द्र कटिहार में डॉ० आर०के०सोहाने, निदेशक प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौरकी अध्यक्षता में वैज्ञानिक सलाहकार समिति की सातवीं बैठक की कार्यवाही।

बैठक में निम्नलिखित वैज्ञानिक, पदाधिकारी एवं कृषक बंधु उपस्थित रहे:-

1. डॉ० आर०के०सोहाने, निदेशक प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौर
2. डॉ० पी०पी०पॉल, प्रधान वैज्ञानिक, अटारी, आई०सी०ए०आर०, कोलकाता
3. डा० एस०के०सिन्हा, कार्यक्रम समन्वयक, कृषि विज्ञान केन्द्र, कटिहार
4. श्री चन्द्रदेव प्रसाद, जिला कृषि पदाधिकारी, कटिहार
5. श्री अमित कुमार, डी०डी०एम०, नाबाई, कटिहार
6. श्री सुनील कुमार झा, निदेशक, वित्तीय ऋण परामर्श केन्द्र, कटिहार
7. श्री अश्वनी चौधरी, सहायक जूट विकास पदाधिकारी, कटिहार
8. श्री एस०के०झा, उप परियोजना निदेशक, आत्मा, कटिहार
9. श्री एस०एन० पांडेय, कार्यपालक अभियंता, भो०पा०शा०कृ०महा० पूर्णियाँ
10. डॉ० प्रीतम गांगुली, कनीय वैज्ञानिक सह प्राध्यापक, पाट अनुसंधान केन्द्र, कटिहार
11. डॉ० कोनेरू लक्ष्मण, कनीय वैज्ञानिक सह प्राध्यापक, पाट अनुसंधान केन्द्र, कटिहार
12. डॉ० अखिलेश कुमार सिंह, कनीय वैज्ञानिक सह प्राध्यापक, पाट अनुसंधान केन्द्र, कटिहार
13. डॉ० के०पी०सिंह, विषय वस्तु विशेषज्ञ(उद्यान), कृषि विज्ञान केन्द्र कटिहार
14. श्रीमति बसंती कुमारी, विषय वस्तु विशेषज्ञ(गृह विज्ञान), कृषि विज्ञान केन्द्र कटिहार
15. डॉ० सुशील कुमार सिंह, विषय वस्तु विशेषज्ञ(शस्य विज्ञान), कृषि विज्ञान केन्द्र कटिहार
16. श्री पंकज कुमार, विषय वस्तु विशेषज्ञ(प्रसार शिक्षा), कृषि विज्ञान केन्द्र कटिहार
17. डॉ० रमा कांत सिंह, विषय वस्तु विशेषज्ञ(मृदा विज्ञान), कृषि विज्ञान केन्द्र कटिहार

18. श्री ललित कुमार सिंह, 'किसानश्री', कदवा, जिला-कटिहार
19. श्री प्रभुनाथ सिंह, 'किसानश्री' कटिहार, जिला-कटिहार
20. श्री हरि किशोर मंडल, कृषि विशेषज्ञ, जिला-कटिहार
21. श्री विष्णुदेव उरांव, प्रगतिशील किसान, जिला-कटिहार
22. श्री कालीदास बनर्जी, प्रगतिशील किसान, जिला-कटिहार
23. श्री लक्ष्मी नारायण कुशवाहा, प्रगतिशील किसान, जिला-कटिहार
24. श्री विपिन बिहारी ओझा, प्रगतिशील किसान, जिला-कटिहार
25. श्री संदीप कुमार पाण्डेय, प्रगतिशील किसान, जिला-कटिहार
26. श्रीमति लक्ष्मी कुमारी, प्रगतिशील महिला किसान, जिला-कटिहार
27. श्रीमति माला देवी, प्रगतिशील महिला किसान, जिला-कटिहार
28. श्रीमति नीलू झा, प्रगतिशील महिला किसान, जिला-कटिहार
29. श्रीमति रिंकी कुमारी, प्रगतिशील महिला किसान, जिला-कटिहार
30. श्रीमति सुनिता देवी, प्रगतिशील महिला किसान, जिला-कटिहार
31. श्रीमति मीणा देवी, प्रगतिशील महिला किसान, जिला-कटिहार
32. श्रीमति संगीता देवी, प्रगतिशील महिला किसान, जिला-कटिहार
33. श्री रंजय कुमार, ई0टीबी0 अन्नदाता संवाददाता, कटिहार
34. श्री संजीव कुमार सिंह, सचिव पाथ अंगिकांचल(गैर सरकारी संस्था), कटिहार

कृषि विज्ञान केन्द्र कटिहार में दिनांक 10.01.2017 को आयोजित कृषक वैज्ञानिक सलाहकार समिति की सातवीं बैठक पूर्वाह्न 11:00 बजे आरंभ हुई, आये हुए अतिथियों का स्वागत डा0 एस0के0 सिन्हा, कार्यक्रम समन्वयक, कृषि विज्ञान केन्द्र कटिहार द्वारा किया गया। कार्यक्रम समन्वयक ने कृषि विज्ञान केन्द्र कटिहार द्वारा किये जा रहे किसानों से संबंधित विभिन्न कार्यों के बारे में जानकारी दी। बैठक में मौजूद वैज्ञानिक सलाहकार समिति के सम्मानित सदस्यों द्वारा निम्नलिखित सुझाव दिये गये:-

1. नाबार्ड द्वारा गठित जी0एल0जी0 के सदस्यों के लिए मशरूम उत्पादन विषय पर जागरूकता कार्यक्रम दिनांक 17.01.2017 को आयोजित किया जाय।
कार्यवाही:-क) कनीय वैज्ञानिक सह प्राध्यापक, पौधा रोग, पा0अनु0के0, कटिहार
ख) वि0व0वि0(गृह विज्ञान), के0वी0के0, कटिहार
ग) वि0व0वि0(प्रसार शिक्षा), के0वी0के0, कटिहार
2. मशरूम उत्पादन विषय पर ऑन कैंपस प्रशिक्षण कार्यक्रम दिनांक 20 से 24 जनवरी तक आयोजित किया जाय साथ ही एक दिन का एकसपोजर विजिट अन्य जिले में आयोजित किया जाय।
कार्यवाही:-क) वि0व0वि0(गृह विज्ञान), के0वी0के0, कटिहार
ख) वि0व0वि0(प्रसार शिक्षा), के0वी0के0, कटिहार
3. खाद्य प्रसंस्करण विषय पर दिनांक 14 फरवरी से 18 फरवरी तक प्रशिक्षण कार्यक्रम आयोजित किया जाय।
कार्यवाही:-वि0व0वि0(गृह विज्ञान), के0वी0के0, कटिहार
4. मशरूम उत्पादन एवं खाद्य प्रसंस्करण विषय पर प्रसार सामग्री तैयार की जाय।
कार्यवाही:- क) वि0व0वि0(गृह विज्ञान), के0वी0के0, कटिहार
ख) वि0व0वि0(प्रसार शिक्षा), के0वी0के0, कटिहार
5. मशरूम एवं मौसमी सब्जी एवं फल प्रसंस्करण की तकनीक को किसानों के बीच अधिग्राह्य बनाना।
कार्यवाही:-वि0व0वि0(गृह विज्ञान), के0वी0के0, कटिहार
6. आम में एक विशेष कीट की चर्चा की गयी। विश्वविद्यालय स्तर पर एक कमेटी का गठन कर इसका निदान ढूँढा जाय।
कार्यवाही:-वि0व0वि0(उद्यान), के0वी0के0, कटिहार

7. जिले में सफलतापूर्वक संचालित पॉलीहाउस का सर्वे कर संचालित पॉलीहाउस के किसानों को तकनीकी रूप से किसानों को सुदृढ़ बनाना।
कार्यवाही:- वि०व०वि०(उद्यान), के०वी०के०, कटिहार
8. आम एवं अन्य फलों के गुणवत्तापूर्ण पौध का निर्माण किया जाय।
कार्यवाही:- वि०व०वि०(उद्यान), के०वी०के०, कटिहार
9. केला के पनामा विल्ट की उग्रता कम करने के लिए किसानों के बीच जागरूकता फैलायी जाय।
कार्यवाही:-सभी विषय वस्तु विशेषज्ञ, के०वी०के०, कटिहार
10. सब्जी उत्पादन किसानों की उत्पादन तकनीक को बेहतर बनाया जाय।
कार्यवाही:- वि०व०वि०(उद्यान), के०वी०के०, कटिहार
11. उद्यानिक फसलों की क्षेत्रफल, उत्पादन एवं समस्या की रिपोर्ट एक सप्ताह के अंदर तैयार किया जाय।
कार्यवाही:- वि०व०वि०(उद्यान), के०वी०के०, कटिहार
12. प्रमुख तकनीकों से संबंधित एक पुस्तिका का निर्माण किया जाय।
कार्यवाही:-सभी विषय वस्तु विशेषज्ञ
13. केन्द्र पर स्थापित सभी प्रदर्शन इकाईयाँ अच्छी स्थिति में रहे।
कार्यवाही:-सभी संबंधित
14. सभी अग्रिम पक्ति प्रत्यक्षणों में मृदा जाँच की सुनिश्चितता की जाय।
कार्यवाही:-सभी संबंधित
15. इनरिचड वर्मी कंपोस्ट विषय पर प्रशिक्षण कार्यक्रम आयोजित किये जाये।
कार्यवाही:-विषय वस्तु विशेषज्ञ(मृदा विज्ञान)
16. मृदा जाँच पर किसानों के बीच जागरूकता फैलायी जाय।
कार्यवाही:-सभी विषय वस्तु विशेषज्ञ
17. मत्स्यपालन विषय पर प्रशिक्षण कार्यक्रम मत्स्य विभाग के सहयोग से दिनांक 19 अप्रैल से 21 अप्रैल तक आयोजित किया जाय।
कार्यवाही:-विषय वस्तु विशेषज्ञ(प्रसार शिक्षा)
18. बकरी पालन विषय पर नाबाई के सहयोग से एक प्रशिक्षण कार्यक्रम आयोजित किया जाये।
कार्यवाही:-विषय वस्तु विशेषज्ञ(प्रसार शिक्षा)
19. मशरूम, शहद, मखाना एवं अन्य उत्पादों की बाजार व्यवस्था पर किसानों के बीच जागरूकता फैलायी जाय।
कार्यवाही:-विषय वस्तु विशेषज्ञ(प्रसार शिक्षा)
20. किसान चौपाल कार्यक्रम की सूची सभी संबंधित विभागों को पूर्व में उपलब्ध करायी जाय एवं प्रत्येक तीन माह में कुछ चौपाल डी०डी०एम० नाबाई द्वारा चयनित लाभार्थी के बीच किया जाय।
कार्यवाही:-कार्यक्रम समन्वयक
21. एस०डी०कार्ड को कुछ और किसानों के बीच वितरित किया जाय।

कार्यवाही:-विषय वस्तु विशेषज्ञ(प्रसार शिक्षा)

22. सभी रिपोर्ट अपलोड करने का कार्य ससमय पूरा किया जाय।

कार्यवाही:-कार्यक्रम सहायक(कंप्यूटर)

23. आत्मा द्वारा गठित कार्यशील समूहों की सूची प्राप्त कर उनका तकनीकी ज्ञानवर्द्धन किया जाय।

कार्यवाही:-विषय वस्तु विशेषज्ञ(प्रसार शिक्षा)

24. बिहार स्टिकल डेवलेपमेंट मिशन में कृषि विज्ञान केन्द्र का रजिस्ट्रेशन जल्द से जल्द कराया जाय।

कार्यवाही:-कार्यक्रम समन्वयक

2.a. District level data on agriculture, livestock and farming situation (2016-17)

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 . loamy soil - suitable for Rabi Maize, wheat, oil seeds pulses & cucurbitaceous vegetable flooded during Kharif Season</p>								
4	Soil type	<p>Up land sandy soil- Suitable for vegetables wheat, maize, Banana</p> <p>Medium Loamy Soil -Well drained rich in organic carbon suited for wheat, Maize, oil seeds 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	<table border="1"> <thead> <tr> <th>Name of Crops</th> <th>Productivity(q/ha)</th> </tr> </thead> <tbody> <tr> <td>Rice</td> <td>41</td> </tr> <tr> <td>Maize</td> <td>72</td> </tr> <tr> <td>Wheat</td> <td>33</td> </tr> </tbody> </table>	Name of Crops	Productivity(q/ha)	Rice	41	Maize	72	Wheat	33
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		Mustard	12																																																									
		Pulses (others) (lentil)	10.80																																																									
		Potato	16.36																																																									
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2.b. Details of operational area / villages (2016-17)

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 2016-17) 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 Yojana

i) Name of the village under Sansad Adarsha Gram Yojana:

NIMAUL, KATI HAR

ii) Contribution of KVK in the programme:

Organise Kisan Chaupal
Organise Krishak Gosthi
Organise Soil Health Camp
FLD upon wheat
FLD Up on Azotobactor & PSB

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 Enterpreneurship 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 2016-17

OFT				FLD			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
12	12	200	217	14	15	310	521

Training				Extension activities			
Number of Courses		Number of Participants		Number of activities		Number of participants	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
136	265	3265	8249	1703	3454	8000	8133

Seed production (q)						Planting material (Nos.)			
Target			Achievement			Target		Achievement	
Crop	Variety	Area(ha)	Crop	Variety	Area(ha)	Crop	No. of graft gooty	Crop	No. of graft gooty
Paddy	Swarna Sab-1	3.5	Paddy	Swarna Sab-1+R.M.-1	3.3	Mango	500	Mango	700
Arhar	NDA-1	1.0	Arhar	NDA-1	1.2	Litchi	200	Litchi	180
Wheat	HD-2967	3.5	Wheat	HD-2967	3.5				

3.1 Achievements on technologies assessed and refined

OFT -1

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 ai/ha pre emergence 4 Quizalofop ethyl @60 gm a.i /ha at 25 DAS
10.	Plot Size	0.10 ha
11	No of farmer	10
12.	Critical input	Seed, Chemicals
13.	Performance indicator	Technical observations Crop: Plant height, no of branches, fibre weight, yield Weed: No of weeds/m ² , weed flora, 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 Effect of different treatment on growth and yield attributes of jute

Treatments	Plant height	Basal Diameter (cm)	Green Plant weight (q/ha)	Fiber Yield (q/ha)	Weed Biomass	
					15 DAS	35 DAS
TO-1	264	1.41	255.43	22.65	2.16	3.29
TO-2	292	1.82	298.35	27.91	2.38	2.00
TO-3	269	1.67	249.32	24.92	1.09	3.01
TO-4	283	1.80	278.75	26.84	2018	2.38

TABLE :3 Effect of different treatment on economics of Jute

Treatment	Cost of Cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs/ha)	B:C Ratio
TO-1	27100	56625	29525	2.08
TO-2	31600	69775	38175	2.20
TO-3	27000	62300	35300	2.31
TO-4	27700	67100	39400	2.42

Result:- Hand weeding at 15 and 35 DAS Yield highest fiber Yield (27.91 q/ha) but application of quizalofop ethyl @ 60 gm a.i./ ha resulted in highest net return (Rs 39400/ha) and B:C ratio 2.42.

OFT :2

SN	Particulars	Description
1.	Intervention	Agronomy
2.	Title	To assess the performance of timely 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 timely 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	BAU, Sabour
9.	Technology option	TO ₁ = Farmers practice (PBW-343) TO ₂ = HD- 2967 TO ₃ = Sabour Samaridhi
10.	Plot Size	0.10 ha
11.	No of farmer	10
12.	Critical input	Seed
13.	Performance 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	198.4	31.6	162.0
Final	170.0	27.3	200.0

Table 2: Effect of timely sown varieties on yield and economics of wheat

Treatment	Grain Yield (q/ha)	Cost of Cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs/ha)	B:C Ratio
TO-1	37.54	17800	52556	34756	2.95
TO-2	41.06	18600	57484	38884	3.09
TO-3	39.34	18600	55076	36476	2.96

RESULT:-

The On farm Trial for assess the performance of late sown Wheat varieties under irrigated medium land condition revealed that the variety HD-2967 perform better among all trialed varieties with grain yield 41.06 q/ha, net return Rs 38884/ha and the B:C ratio is was 3.09.

Recommendation:-

Among three varieties farmers local variety PBW-343, HD-2967 and Sabour Samaridhi maximum Yield (41.06 q/ha), Net return (Rs 38884/ha) and B:C ration (3.09) was found in wheat variety HD-2967. Thus HD-2967 is the best suited variety for timely sown condition than other three varieties.

OFT -3

SN	Particulars	Description
1.	Intervention	Agronomy
2.	Title	Evolution of Rabi Maize Productivity under high fertility level and high plant density in Bihar
3.	Micro farming situation	Medium land
4.	Production system	Rice-Wheat/Maize
5.	Thematic area	Crop Management under high fertility and plant density.
6.	Problem	Refining fertility level and plant population on Rabi Hybrid Maize
7.	Potential solution	Evaluation of multiplication trials on fertility level under high plant density on Rabi maize productivity in Bihar
8.	Source of technology	BAU, Sabour
9.	Technology option	Farmer Practices- General Cultivation at 60X20 Cm Spacing with 120:75: 50 kg N: P ₂ O ₅ :K ₂ O ha ⁻¹ TO ₁ – Isobilateral leaf type maize hybrids with fertility level of 150:93.75: 62.5 N: P ₂ O ₅ :K ₂ O ha ⁻¹ at 50X20 Cm TO ₂ – Isobilateral leaf type maize hybrids with fertility level of 180:112.5: 75 N: P ₂ O ₅ :K ₂ O ha ⁻¹ at 50X20 Cm TO ₃ – Isobilateral leaf type maize hybrids with fertility level of 180:112.5: 75 N: P ₂ O ₅ :K ₂ O ha ⁻¹ at 40X20 Cm
10.	Plot Size	0.10 ha
11.	No of farmer	06
12.	Critical input	Seed, Fertilizer
13.	Performance indicator	Technical observations No of Cobs/ plant, Grain Yield Economic Indicator Gross return, Net return, BC ratio Farmers' reaction/ feedback

NOTE: Result Awaited

OFT -4

SN	Particulars	Description
1.	Intervention	Soil science
2.	Title	To Assess the fertilizer doses on Productivity and Profitability of Paddy through Crop Manager, NE and RDF in Paddy – Maize Cropping System
3.	Micro farming situation	Medium irrigated Land
4.	Production system	Rice-Wheat/Maize
5	Thematic area	Integrated Nutrient management
6.	Problem	Farmers are applying indiscriminate dose of nutrients which adversely affect paddy yield and soil health
7.	Potential solution	Proper dose of nutrients may improve paddy yield and soil health
8.	Source of technology	IRRI, Philippines
9.	Technology option	1. Farmers practice (Urea 8 bag, DAP 2 bag) 2. Fertilizer application as per RDF (120 : 60: 40) 3. Fertilizer application as per crop manager for rice based system recommendations (CMRS) 4. Fertilizer application as per Nutrient Expert
10.	Plot Size	0.10 ha
11	No of farmers	10
12.	Critical input	Seed , nutrients, chemicals
13.	Performance indicator	Technical observations No. of tillers, plant height, no. grains/panicle, Grains yield
		Economic Indicator Gross return, Net return, BC ratio
		Farmers' reaction/ feedback

Table 1: Physico-chemical properties of experimental soil

Experimental Soil	pH (1:2.5)	ECe (1:2.5)	OC (%)	Available nutrients (Kg ha ⁻¹)		
				N	P	K
Initial	6.97	0.20	0.36	199.67	22.33	295.33
Final	6.87	0.19	0.48	199.33	21.67	301.33

Table 2: Effect of different treatment on growth attributes of Paddy

Treatment	Plant Height (CM)	Tillers/Plant	Panicle Length (cm)	Kernels / Plant	Productive tillers/Sqmt
TO ₁ Fertilizer application as per crop manager for rice based system recommendations (CMRS)	119.33	15.00	30.00	214.00	327.15
TO ₂ Fertilizer application as per Nutrient Expert	129.33	15.00	30.00	210.33	236.94
TO ₃ . Fertilizer application as per RDF (120 : 60: 40)	127.00	13.33	26.00	198.67	205.33
TO ₄ Farmers practice (Urea 8 bag, DAP 2 bag)	115.67	11.00	22.00	182.67	160.82

Table 3: Effect of different treatment on Yield attributes of Paddy

Treatment	Test Weight (gm)	Paddy Yield (t/ha)	Straw Yield (t/ha)	Biomass Yield (t/ha)	Harvesting Index
TO ₁ Fertilizer application as per crop manager for rice based system recommendations (CMRS)	16.15	6.72	9.39	16.11	0.42
TO ₂ Fertilizer application as per Nutrient Expert	16.07	6.66	9.30	16.09	0.41
TO ₃ . Fertilizer application as per RDF (120 : 60: 40)	15.86	5.18	7.46	12.64	0.41
TO ₄ Farmers practice (Urea 8 bag, DAP 2 bag)	15.20	3.44	4.86	8.3	0.41

Table 3: Effect of different treatment on Economics of Paddy

Treatment	Cost of cultivation(RS/ha)	Gross income(RS /ha)	Net income (RS/ha)	B:C ratio
TO ₁ Fertilizer application as per crop manager for rice based system recommendations (CMRS)	27533	90056	62523	3.27
TO ₂ Fertilizer application as per Nutrient Expert	27466	89332	61866	3.25
TO ₃ . Fertilizer application as per RDF (120 : 60: 40)	29233	69603	40370	2.38
TO ₄ Farmers practice (Urea 8 bag, DAP 2 bag)	29333	46157	16834	1.57

Result :

It is clear from the data presented in above table that the paddy yield increase with different technologies but it at per between TO₁ (3.27) and TO₂ (3.25) in comparison to farmers practice (1.57).

OFT -5

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 Customized Leaf Color 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.	Performance 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

Experimental Soil	pH (1:2.5)	ECe (d Sm ⁻¹)	OC (%)	Available nutrients (Kg ha ⁻¹)		
				N	P	K
Initial	6.56	0.32	0.468	159	19.30	244.40
Final	6.52	0.28	0.506	153.2	20.40	244.70

Table 2: Effect of different treatment on growth attributes of Paddy

Treatment	Plant Height (cm)	Tillers/ Plant	Panicle Length (cm)	Kernels / Plant	Filled Kernels / plants	Productive tillers/Sq mt
TO ₁	106	9.20	23.21	187	145	172.22
TO ₂	115	12.60	26.20	206	178	188.54
TO ₃	123	14.72	32.40	231	202	201.42

Table 3: Effect of different treatment on Yield attributes of Paddy

Treatment	Test Weight (gm)	Paddy Yield (t/ha)	Straw Yield (t/ha)	Harvesting Index
TO ₁	14.80	3.69	4.14	0.47
TO ₂	15.87	5.32	6.22	0.46
T03	17.22	7.06	8.24	0.46

Table 4: Effect of different treatment on Economics of Paddy

Treatment	Cost of cultivation(RS/ha)	Gross income(RS/ha)	Net income (RS/ha)	B:C ratio
TO1	29600	58680	29080	1.98
TO2	31400	87490	56090	2.79
T03.	31700	115940	84240	3.66

Result :

It is clear from the data presented in table that benefit cost ratio upto 3.66 with TO3 (RDF (basal 60:60:40 :: N:P:K + Real time application of balance N by using CLCC + knock down of Dhaincha by 2,4-D at 25-30 DAS) was found superior over farmer practices (1.98) due to proper management of nitrogen and soil physico-chemical properties also improve with to all parameters.

Recommendation:

Therefore, it is advice to farmers to grow paddy with brown manuring and proper management of nitrogenous fertilizers through customized leaf colour chart.

OFT – 6

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	SAUAST 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.	Performance 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

OFT -7

ON FARM TRIAL (Home Science)

SN	Particulars	Description
1.	Intervention	Home Science
2.	Title	Assessment of different artificial ripening on post harvest quality of Banana
3.	Production system	Horticulture based
4.	Thematic area	Value addition
5	Problem	Health hazard due to use of calcium carbide as a ripening agent
6.	Potential solution	The process of hydro cooling and safe treatment may solve the problem concerned.
7.	Source of technology	BAU, Sabour
8.	Technology option	TO ₁ = Farmer practice (Use of calcium carbide) TO ₂ = Hydrocooling + etheral treatment 150 PPM TO ₃ = Etheral treatment (coating of Etheral solution on central steam)
9.	Plot Size	4(hand) bunch of Banana,
10.	No of farmer	10
11	Critical input	Chemicals , Raw material
12	Perform indicator	Days to change in Color, Taste, Self life at room temperature , Days of ripening
13.	Economic Indicator	Net return, B:C ratio

Result : Awaited

OFT -8

SN	Particulars	Description
1.	Intervention	Home Science
2.	Title	Performance of different bagging material for quality banana.
3.	Micro farming situation	Up and medium land
4.	Production system	Banana
5	Thematic area	Value addition and income generation
6.	Problem	Paddy crop is heavily infested with common weeds during the crop growth period and delayed hand weeding by manual labour resulting in 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	DWSR, Jabalpur
9.	Technology option	To-1: Farmers Practice (Hand weeding at 35 DAT) To -2 Hand weeding at 20 DAT To -3: Pretilachlore @ 1kg ai/ha pre emergence To -4 Bispyribac sodium @25 a.i. gm /ha at 20 DAT
10.	Plot Size	0.10 ha
11	No of farmer	10
12.	Critical input	Seed, Chemicals
13.	Performance Indicator	Technical observations : Plant height, No of tillers/m ² , Straw yield and Grain yield
		Economic Indicator : Gross return, Net return, BC ratio
		Farmers' reaction/ feedback

Size of finger

Treatment	R1	R2	R3	R4	R5	Mean
TO1	21.232	20.570	20.656	20.787	21.271	20.902
TO2	21.722	22.047	21.396	22.265	21.178	21.721
TO3	20.831	20.774	22.047	22.482	22.351	21.691
TO4	22.134	21.309	20.961	21.005	21.048	21.291
TO5	21.026	20.861	21.113	20.940	21.016	20.991

No. of finger

Treatment	R1	R2	R3	R4	R5	Mean
TO1	15.142	15.520	16.035	17.034	15.671	16.88
TO2	16.77	15.140	19.44	19.245	18.856	17.890
TO3	19.362	18.759	18.662	18.273	17.884	18.588
TO4	17.515	18.059	17.282	17.087	16.679	17.002
TO5	17.010	17.146	17.129	16.504	16.621	16.882

Weight of hand

Treatment	R1	R2	R3	R4	R5	Mean
TO1	22.097	20.396	21.230	20.559	21.561	21.168
TO2	23.310	24.7599	24.518	24.759	23.238	24.116
TO3	24.156	24.512	23.165	23.4072	24.856	24.019
TO4	23.383	23.793	22.479	23.431	22.827	23.182
TO5	22.924	23.165	22.851	22.754	20.991	21.937

Length of hand

Treatment	R1	R2	R3	R4	R5	Mean
TO1	66.927	69.523	70.533	64.980	68.870	68.166
TO2	70.279	75.293	69.812	71.038	73.201	71.924
TO3	69.523	70.966	70.144	68.225	71.254	70.022
TO4	70.749	66.352	68.153	67.287	70.028	68.508
TO5	66.206	68.009	69.018	70.172	71.326	68.946

Result:- It is conclude that all bagging material protect the banana fruit from insect and maintain their quality. The fruit quality is smooth, shining and approximately equal size. The Jute & PP bag bagging better than other bagging and also produced greater weight a with bigger size and length of hand comparison form other bagging.

OFT -9

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

OFT -10

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 - Emamectin benzoate 5% @ 0.4 gm/lit TO4 – Spinosad 45 SC @ ½ ml/l water
10.	Plot Size	80 sq mt
11.	No of farmer	6
12.	Critical input	Seed, chemicals
13.	Performance 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

Result : Awaited

OFT-11

SN	Particulars	Description
1.	Intervention	Extension Education
2.	Title	To Assess the Effect of Neem Coated urea in Wheat (<i>Triticumaestivum</i>)
3.	Micro farming situation	Medium irrigated Land
4.	Production system	Rice-Wheat
5	Thematic area	Integrated Nutrient management
6.	Problem	Farmers are applying indiscriminate doses of without any coated of urea
7.	Potential solution	To increase the Fertiliser use efficiency with awareness about Neem coated Urea and uses of neem coated urea products prolonged the nitrogen availability for the crop growth
8.	Source of technology	TNAU, COIMBATORE
9.	Technology option	1. Farmers practice (Urea 10 bag, DAP 2 bag, MOP- 1 bag) 2. Fertilizer application as per RDF (120 : 60: 40), Urea applied through without Coated Urea 3. Fertilizer application as per RDF (120 : 60: 40), Urea applied through Neem Coated Urea
10.	Plot Size	0.10 ha
11	No of farmers	10
12.	Critical input	Seed , Nutrients and required chemicals
13.	Performance indicator	Technical observations No. of tillers, Plant height, no. grains/panicle, Grains yield
		Economic Indicator Gross return, Net return, BC ratio
		Farmers' reaction/ feedback

Result : Awaited

OFT-12 (Field study):-

Title: Impact of KVK Training Programme on Knowledge and adoption of INM in Maize

Specific Objectives :

- To study the training effectiveness
- To study training satisfaction
- To study the impact of training

Locale : Katihar District

Sampling Plan: Population study 120 trained farmers

Result:

Table 1: Distribution of farmers according to their Knowledge on maize production technologies before and after training

Production technologies	Before training	After training	Difference
Land Preparation	113 (94.16%)	120 (100%)	7 (5.8%)
Seed Treatment	12 (10%)	108 (90%)	12 (10%)
sowing Time	10 (8.3%)	110 (91.6%)	10 (8.3%)
Germination test	00 (00.0%)	120 (100%)	120 (100%)
Spacing	10 (8.3%)	98 (81.6%)	88 (73.3%)
Weeding	55 (45.8%)	120(100%)	65 (54.1%)
fertilizer application	56 (46.6%)	89 (74.16%)	33 (27.5%)
Plant protection	22 (18.3%)	97 (80.3%)	75 (62.5%)
Water requirement	79 (65.8%)	120 (100%)	41 (34.1%)
Harvesting	105 (87.5%)	120 (100%)	15 (12.50%)
Storage	98 (81.6%)	110 (91.6%)	12 (10.0%)
Marketing	110 (91.6%)	120 (100%)	10 (8.3%)

(Figure in perenthese indicate percentage)

Table 2: Impact of the training Program

Items	Frequency
Increase in area under Maize	49(48)
Rise in cost of cultivation	56(40)
Increased confidence level in use of	
a) Seed Treatment	108 (90%)
b) Germination test	120 (100%)
c) Fertilizer application	89 (74.16%)
d) Critical irrigation stages	120 (100%)
e) Plant protection	97 (80.3%)
Increase on Yield	110(91.6)
Use of Market survey	120(100)

Table 3: Impact of training in terms of maize (q/ha)

Indicator	Yield		Difference
	Before	After	
Yield	58.33	70.80	12.47

Table 4: Constraints as perceived by the respondent of the training program

Problem	Frequency	%	Rank
Absence of timely and good quality inputs	71	59.16	I
Problem of labor availability	110	91.66	II
Non- Availability of credit	105	87.5	III

Table 5: Suggestion in adoption of maize technology

Suggestion	Frequency	%	Rank
Improve access to credit	120	100	I
Provision of good quality inputs in subsidy by Govt.	68	56.6	II
Provide training skills on operation of labor saving farm implements (Like for e.g. Weeding)	59	49.16	III

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during 2016-17

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
				Proposed	Actual	SC/ST	Others	Total	
1	Green Gram(SML 668)	Pulse Production	Seed,IWM,INM & Biofertiliser	15	15	28	10	38	
2	Jute (JRO 524)	ICM	Seed & Micronitrient	16	16	40	40	80	
3	Green Gram(SML 668)	Pulse Production	Seed	2.5	2.5	04	11	15	
4	Worms (Eisenia fetida)	Production and use of organic inputs	Worms	60	60	10	50	60	
5	Paddy (Prabhat Boro)	ICM	Seed,IWM,INM & IPM	5	5	12	-	12	
6	Paddy (Prabhat)	Crop Production	Seed	10	10	33	12	45	
7	Azolla	INM	Azolla	30	30	7	33	40	
8	Cauliflowers (Sabour Agrim)	Vegetable Production	Seed	0.4	0.4	3	7	10	
9	PSB & Azotobactor	INM	Azotobactor, PSB	10	10	01	09	10	
10	Mustard(Uttara)	Oilseed Production	Seed,INM,IPM & Biofertiliser	30	30	20	55	75	
11	Wheat (HD-2967)	Crop Production	Seed	8	8	18	8	26	
12	Lentil(HUL-57)	Pulse Production	Seed,INM,IPM & Biofertiliser	20	20	15	35	50	
13	Wheat (HD-2967)	Crop Production	Seed	8	8	6	14	20	
14	Onion (Light Red)	Vegetable Production	Seed	1	1	0	10	10	
15	Poultry (Vanraja)	Income generation activities	Chicks	1500 (No)	1500 (No)	3	27	30	

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 ₂ O ₅	K ₂ O					
Green Gram	Summer, 2016	Irrigated	Sandy clay	173	21	282	Wheat	30-3- 16 to 4-4-16	11- 6- 16 to 19-6- 16		
Jute	Kharif 2016	Irrigated	Sandy	206	18	242	Mustard	15/4/16 to 22/4/16	16/8/16 to 30/8/16		
Worms	Kharif 2016	Irrigated	Sandy								
Paddy	Kharif 2016	Irrigated	Sandy	216	18	306	Green Gram	7-7-16 to 10- 7-106	17-10- 16 to 28-10- 16		
Azolla	Kharif 2016	Irrigated	Sandy								
Cauliflowers	Kharif 2016	Irrigated	Sandy								
PSB & Azotobactor	Kharif 2016	Irrigated	Sandy								
Mustard	RABI 2016-17	Irrigated	Sandy	181	16	270	Paddy	20-11- 16 to 25-11- 16	27/2/16 to 8/3/16		
Lentil	RABI 2016-17	Irrigated	Sandy	180	17	286	Paddy	12-11- 16 to 18-11- 16	26-3- 16 to 31-3- 16		
Wheat	RABI 2016-17	Irrigated	Sandy	203	18	270	Paddy	22-11- 16 to 2-12- 16			
Wheat	RABI 2016-17	Irrigated	Sandy	208	16	318	Paddy	20-11- 16 to 1-12- 16			
Onion	RABI 2016-17	Irrigated	Sandy	182	14	302	cauliflower				
Poultry	RABI 2016-17										

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Them atic Area	Name of the technol ogy demonst rated	No. of Far mers	Ar ea (h a)	Yield (q/ha)		% Incre ase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					De mo	Che ck		Gro ss Cos t	Gro ss Ret urn	Net Ret urn	** B C R	Gro ss Cos t	Gro ss Ret urn	Net Ret urn	** B C R
Must ard	Oilsee d Produc tion	Seed ,INM & IPM	75	30	7.7 4	5.8 1	33.2 1	122 00	270 90	148 90	2.2 2	110 00	203 35	933 5	1.8 4
Total															

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

** BCR= GROSS RETURN/GROSS COST

Pulses

Frontline demonstration on pulse crops

Crop	Them atic Area	Name of the technol ogy demonst rated	No. of Far mers	Ar ea (h a)	Yield (q/ha)		% Incre ase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Dem o	Che ck		Gro ss Cos t	Gro ss Retu rn	Net Retu rn	** B C R	Gro ss Cos t	Gro ss Retu rn	Net Retu rn	** B C R
Green Gram	Pulse Producti on	Seed ,INM & IPM	54	17. 5	8.16	6.02	35.54	1395 0	4243 2	2823 2	3.0 4	1225 0	3130 4	1905 4	2.5 6
Lent il	Pulse Producti on	Seed, INM & IPM	50	20	13.0 0	10.2 4	26.95	2120 0	5200 0	3080 0	2.4 5	2026 0	4096 0	2070 0	2.0 2

* 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

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry	Poultry Management	Chicks	30	30													Result Awaited
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl. specify)																	
Total																	

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

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

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

** BCR= GROSS RETURN/GROSS COST

Technical Feedback on the demonstrated technologies

S. No	Crop	Feed Back
1.	Jute	Improved Seed variety increased production
2.	Worms	Application of Vermicompst increased Production and quality of product
3.	Paddy	Improved Seed variety increased production against traditional paddy varieties
4.	Azolla	Application of Bio fertilizer increased Production and milk of farmers
5.	Cauliflowers	Improved Seed variety increased production and marketing
6.	PSB & Azotobactor	Application of Bio fertilizer increased Production
7.	Wheat	Improved Seed variety increased production
8.	Lentil	Improved Seed variety , and Nutrient Management increased production
9.	Green gram	Improved Seed variety , Practices of Preemergence weedicide and Nutrient Management increased production
10.	Mustard	Improved Seed variety , Practices of Preemergence weedicide and Nutrient Management increased production
11.	Onion	Improved Seed variety , weed and Nutrient Management increased production

Extension and Training activities under FLD

SL.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	24.03.2017	1	35	
		27.03.2017	1	54	
		28.03.2017	1	54	
		15.02.2017	1	22	
		05.02.2017	1	42	
		16.02.2017	1	50	
		17.02.2017	1	59	
		18.02.2017	1	50	
		19.02.2017	1	50	
		20.02.2017	1	55	
		21.02.2017	1	55	
		22.02.2017	1	51	
		23.02.2017	1	55	
		24.02.2017	1	55	
		25.02.2017	1	68	
		16.10.2016	1	66	
		18.10.2016	1	61	
		19.10.2016	1	65	
		05.10.2016	1	52	
		06.10.2016	1	67	
		05.10.2016	1	49	
		07.10.2016	1	47	
		16.10.2016	1	62	
		18.10.2016	1	50	
21.09.2016	1	49			
05.05.2016	1	25			
2.	Farmers Training	06.09.2016	1	43	
		26.11.2016	1	23	
		25.01.2017	1	15	
		05.10.2016	1	106	
		19.08.2016	1	29	
		21.10.2016	1	28	
		22.11.2016	1	25	
		28.05.2016	1	29	
		19.04.2016	1	30	
		13.04.2016	1	30	
		01.06.2016	1	33	
		10.08.2016	1	20	
		07.06.2016	1	25	
		17.06.2016	1	28	
		28.12.2016	1	31	
		12.04.2016	1	30	
		18.02.2017	1	15	
		01.12.2016	1	34	
		05.05.2016	1	40	
		06.05.2016	1	28	
11.04.2016	1	30			
11.12.2016	1	25			
12.12.2016	1	25			

		18.04.2016	1	30	
		18.10.2016	1	30	
		19.01.2017	1	34	
		19.05.2016	1	30	
		19.10.2016	1	22	
		29.10.2016	1	20	
		03.06.16	1	30	
		05.10.2016	1	25	
3.	Media coverage	15.04.2016	1	Many	
		28.04.2016	1	Many	
		04.05.2016	1	Many	
		31.05.2016	1	Many	
		16.06.2016	1	Many	
		01.07.2016	1	Many	
		22.07.2016	1	Many	
		10.08.2016	1	Many	
		25.10.2016	1	Many	
		16.09.2016	1	Many	
		10.10.2016	1	Many	
		31.10.2016	1	Many	
		26.11.25016	1	Many	
		09.12.2016	1	Many	
		16.01.2016	1	Many	
28.01.2016	1	Many			
05.02.2016	1	Many			
4.	Training for extension functionaries	26-27.04.2016	1	25	
		28.04.2016	1	25	
		26-27.04.2016	1	25	
		28.04.2016	1	25	
		26-27.4.2016	1	25	
		28.04.2016	1	25	
		20.05.2016	1	200	
		20.05.2016	1	63	
		20.5.2016	1	63	
		08.06.16	1	28	
		08.06.2016	1	28	
		07-08.09.2016	1	22	
		25.10.2016	1	8	
		26.10.2016	1	12	
		28.10.2016	1	18	
		17.10.2016	1	35	
		04.10.2016	1	20	
		17.10.2016	1	25	
		17.10.2016	1	35	
		17.10.2016	1	35	
26.10.2016	1	32			
29.12.2016	1	44			
30.1.2017	1	48			
16-25.02.2017	1	26			

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2016 and Rabi 2016-17:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1.	Mustard	Maghi	5.81	550	600	1000	Uttara Seed,INM,IPM & Biofertiliser	75	30	8.23	7.25	7.74	28.94	22.48	-22.6
2.	Lentil	K-75	10.24	1080	1035	2000	HUL-57 Seed,INM,IPM & Biofertiliser	50	20	14.62	11.38	13.00	16.92	20.38	-35

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1.	Mustard,Uttara – Seed , INM ,IPM biofertiliser	11000	20335	9335	1.84	12200	27090	14890	2.22
2.	Lentil, HUL-57 – Seed , INM ,IPM biofertiliser	20260	40960	20700	2.02	21200	52000	30800	2.45

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg) in acre	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1.	Mustard, Uttara	309.6	290	35/kg	5 kg	14.6	Farming and Livelihood	14
2.	Lentil, HUL-57	520	415	40/kg	30 kg	75 kg	Farming and Livelihood	17

D. Oilseed Farmers' perception of the intervention demonstrated

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

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Short duration best for late sowing	Good	Good	Positive

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1. Lentil	Training on demonstrated tehnoies	11-11-16	25
	Diagnostic field visit	20/12/17	22
	Diagnostic field visit	10/1/17	33
	Training for Agronomical operations	27-1-16	35
	Diagnostic field visit	13/2/17	29
	Diagnostic field visit	14/2/17	27
	Field day	28-3-16	54
2. Mustard	Training on demonstrated tehnoies	20/11/16	25
	Diagnostic field visit	3/12/16	13
	Diagnostic field visit	14/12/16	22
	Training for Agronomical operations	22/1/16	19
	Diagnostic field visit	11/2/17	14
	Field day	15/2/17	42

G. Sequential good quality photographs (as per crop stages i.e. growth & development)**H. Farmers' training photographs****I. Quality Photographs of field visits/field days and technology demonstrated.****J. Details of budget utilization**

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Mustard	i) Critical input	81000	81000	
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)	9000	90000	
	iv) Publication of literature			
	Total	90000	90000	

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Lentil	i) Critical input	135000	135000	
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)	15000	15000	
	iv) Publication of literature			
	Total	150000	150000	

K. List of Farmer under FLD (Crop wise)

a) Crop 1: MUSTARD

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendation based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		
Md. Noor Alam	Saukat Ali	Jhola	Amadab	9749404282		25° 23' 8"	87° 43' 675"	Yes		Seed, INM, IPM	Uttra	150 Kg	8	7	7	5.81	33.21

m Kum ar Sing h	t Kum ar Sing h	chi m tola	nsa hi	3729 55		8.44 9	38. 420	s									
Bach chu Uraw n	Lt. ganp at Urio n	Pash chi m tola	Ma nsa hi	7762 0729 91		25°2 8.45 3	87° 38. 417	Ye s									
Ram roop Uraw n	Lt. Chan na Uriw n	Dum ariy a tola	Ma nsa hi	7261 0583 80		25°2 8.48 5	87° 38. 372	Ye s									
Man oj Uraw n	Sike ndra Ura wn	Dum ariy a tola	Ma nsa hi	7783 0526 22		25°2 8.53 0	87° 38. 355	Ye s									
Rajiv Uraw n	Dhar m Lal Ura wn	Dum ariy a tola	Ma nsa hi	7631 1750 93		25°2 8.41 3	87° 38. 469	Ye s									
Meg hana th Uraw n	tatar Ura wn	Dum ariy a tola	Ma nsa hi			25°2 8.44 9	87° 38. 388	Ye s									

b) Crop 2 : LENTIL

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		
										Seed, INM, IPM biofertiliser	HUL-57	720 Kg	H	L	A	10.24	26.95
Hariom Kum	Chanchal Sah	raghema ghe	Amadabad	728209728		25°22.74	87°43.67						14.6	11	13		

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Leadership development	03	49	02	51	10	02	12	14	03	17	73	07	80
Group dynamics	10	207	20	227	15	19	34	10	03	13	232	42	274
Formation and Management of SHGs	08	134	21	155	14	00	14	13	25	38	161	46	207
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	09	152	32	184	19	18	37	13	03	16	184	53	237
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	20	550	51	601	69	14	83	50	01	51	669	66	735
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	176	3539	505	4044	481	267	748	611	136	747	4631	908	5539

E) RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Mushroom Production	01	00	11	11	00	10	10	00	05	05	00	26	26
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	01	04	00	04	01	00	01	20	00	20	25	00	25
Integrated Farming	01	12	05	17	04	02	06	03	00	03	19	07	26
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	01	11	00	11	03	00	03	12	00	12	26	00	26
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	01	22	00	22	03	00	03	00	00	00	25	00	25
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	02	12	24	36	01	02	03	02	03	05	15	29	44
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	17	248	85	333	25	33	58	51	02	53	324	120	444
TOTAL	24	309	125	434	37	47	84	88	10	98	434	182	616

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Productivity enhancement in field crops	03	95	04	99	06	00	06	06	00	06	111	00	111
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	05	72	00	72	11	00	11	06	00	06	89	00	89
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	02	46	00	46	05	00	05	00	00	00	51	00	51
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	03	89	00	89	18	05	23	03	02	05	110	07	117
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	11	448	18	466	31	05	36	19	00	19	498	23	521
TOTAL	24	750	22	772	71	10	81	34	2	36	859	30	889

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			
development													
Others if any	22	288	137	425	28	50	78	61	10	71	377	197	574
TOTAL	36	460	203	663	53	68	121	125	20	145	641	291	932

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Productivity enhancement in field crops	03	95	04	99	06	00	06	06	00	06	111	00	111
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	06	84	00	84	11	00	11	08	00	08	103	00	103
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	02	46	00	46	05	00	05	00	00	00	51	00	51
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	03	89	00	89	18	05	23	03	02	05	110	07	117
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
Others if any	13	469	36	505	33	07	40	24	02	26	526	45	571
TOTAL	27	783	40	823	73	12	85	41	4	45	901	52	953

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agronomy	PF	Agronomic management practices in Maize	1	OFF	30	0	30	7	0	7
Agronomy	PF	Nursey Management of Paddy	1	OFF	30	0	30	8	0	8
Agronomy	PF	Management of Rice wheat / maize cropping system	1	OFF	30	0	30	10	0	10
Agronomy	PF	Agronomic management practices in Jute	1	OFF	30	0	30	11	0	11
Agronomy	PF	Diversification of Rice wheat cropping system	1	OFF	30	0	30	10	0	10
Agronomy	PF	Nursey Management of Paddy	1	OFF	30	0	30	9	0	9
Agronomy	PF	Weed Management in jute	1	OFF	30	0	30	8	0	8
Agronomy	PF	Agronomic management practices in Jute	1	OFF	30	0	30	7	0	7
Agronomy	PF	Water Management in jute	1	OFF	30	0	30	8	0	8
Agronomy	PF	Weed Management in jute	1	OFF	30	0	30	7	0	7
Agronomy	EF	Agronomic management practices in Jute	2	OFF	25	0	25	3	0	3
Agronomy	EF	Seed production in Paddy	1	OFF	25	0	25	4	0	4
Soil Science	PF	Method of soil sampling and analysis	1	OFF	22	8	30	7	3	10
Soil Science	PF	Method of soil sampling and analysis	1	OFF	26	4	30	8	2	10
Soil Science	PF	Method of soil sampling and analysis	1	OFF	22	8	30	8	4	12
Soil Science	PF	Vermi compost production technique	1	OFF	22	8	30	11	5	16
Soil Science	PF	Vermi compost	1	OFF	23	7	30	10	5	15

		production technique								
Soil Science	PF	Vermi compost production technique	1	OFF	19	11	30	9	5	14
Soil Science	PF	Method of Biofertilizer production and its use	1	OFF	22	8	30	7	4	11
Soil Science	PF	Method of Biofertilizer production and its use	1	OFF	22	8	30	10	5	15
Soil Science	PF	Method of Biofertilizer production and its use	1	OFF	20	10	30	9	5	14
Soil Science	PF	Fertilizer Management in Boro Paddy	1	OFF	23	7	30	9	5	14
Soil Science	PF	Fertilizer Management in Boro Paddy	1	OFF	22	8	30	10	5	15
Soil Science	EF	Method of soil sampling and analysis	2	OFF	25	0	25	3	0	3
Soil Science	EF	INM in crop and corpping system	1	OFF	25	0	25	5	0	5
Ext. Edu.	PF	Fromation and management of SHGs/JLGs	1	OFF	30	0	30	7	0	7
Ext. Edu.	PF	Establishment and strengthening of farmers Club	1	OFF	30	0	30	0	0	0
Ext. Edu.	PF	Learship development for Technologu Dissemination	1	OFF	30	2	32	13	2	15
Ext. Edu.	PF	Fromation and management of SHGs/JLGs	1	OFF	14	16	30	0	16	16
Ext. Edu.	PF	Enterpreneuraship development through Dairy	1	OFF	25	5	30	3	5	8
Ext. Edu.	PF	Enterpreneuraship development through Dairy	1	OFF	22	8	30	3	4	7
Ext. Edu.	PF	Enterpreneuraship development through Dairy	1	OFF	30	0	30	4	0	4
Ext. Edu.	PF	Enterpreneuraship development	1	OFF	26	4	30	4	4	8

		throughPoultry								
Ext. Edu.	PF	Establishment and strengthening of farmers Club	1	OFF	20	10	30	4	6	10
Ext. Edu.	PF	Learship development for Technologu Dissemination	1	OFF	25	5	30	7	3	10
Ext. Edu.	EF	ICT practices for inforamation and networking among farmers	2	OFF	25	0	25	5	0	5
Ext. Edu.	EF	Formation and Management of Kisan Club and SHG and SAHG and JLGs	1	OFF	25	0	25	2	0	2
Ext. Edu.	PF	Preparation of potato chip and Papad and their preservation tips	1	OFF	0	20	20	0	2	2
Home Sc.	RY	Pimporance of Mango and its Product Preparation	1	OFF	0	27	27	0	5	5
Soil science	PF	Importance of Soil testing in respect to crop production	1	OFF	26	0	26	23	0	23
Soil science	PF	Importance of Soil testing in respect to crop production	1	OFF	25	0	25	0	0	0
Soil science	PF	Determination of fertilizer through CMRS Technique	1	OFF	20	0	20	6	0	6
Soil Science	RY	production technique of organic inputs	2	OFF	25	0	25	21	0	21
Home Sc.	PF	Preparation and making of Papad	1	OFF	0	24	24	0	2	2
Home Sc.	PF	Papad making of potato and besion	1	OFF	2	25	27	0	3	3
Home Sc.	RY	Preparation and mango squash making	1	OFF	5	20	25	5	20	25
Home Sc.	RY	Crop Management of kharif season	1	OFF	45	5	50	0	0	0
Home Sc.	EF	Crop Management of kharif season	1	OFF	200	0	200	0	0	0
Ext.Edu.	PF	Management of SHG	1	OFF	24	0	24	13	0	13
Ext.Edu.	PF	Income Generation through FPO	1	OFF	25	1	26	12	0	12
Ext.Edu.	PF	Formation and	1	OFF	28	0	28	0	0	0

		management of SHG								
Ext.Edu.	PF	Capacity Building or paddy growers	1	OFF	29	0	29	3	0	3
Ext.Edu.	PF	Capacity Building or paddy growers	1	OFF	30	0	30	0	0	0
Ext.Edu.	RY	Entrepreneurial development through Dairy	4	OFF	25	0	25	17	0	17
Ext.Edu.	EF	Capacity building for SHG, Crop Members and Kharif Crops	1	OFF	59	4	63	9	0	9
Agronomy	PF	Cultivation of Sunflowers	1	OFF	36	4	40	3	4	7
Agronomy	PF	Cultivation of Green Gram	1	OFF	24	4	28	10	4	14
Agronomy	PF	Cultivation of Green Gram	1	OFF	26	0	26	17	0	17
Agronomy	PF	Nursary Management in Paddy	1	OFF	29	1	30	24	1	25
Agronomy	PF	Agronomic Management and practice of Jute	1	OFF	26	4	30	9	4	13
Agronomy	RY	Diversification of Rice wheat cropping system	1	OFF	26	0	26	3	0	3
Agronomy	EF	Agronomic Management and practice of Jute	1	OFF	59	4	63	9	0	9
Soil Science	PF	Nutrient Management in Draught Resistance Crop	1	OFF	19	7	26	6	3	9
Soil Science	PF	Nutrient Management through CMRS	1	OFF	22	8	30	7	4	11
Soil Science	PF	Nutrient management in Kharif Crops	1	OFF	20	11	31	4	5	9
Soil Science	PF	Nutrient Management through CMRS, NE	1	OFF	22	3	25	20	3	23
Soil Science	PF	Micronutrient management in Paddy	1	ON	25	0	25	13	0	13
Soil Science	PF	Nutrient Management in Kharif Crop	1	OFF	17	7	24	5	4	9
Soil Science	EF	Nutrient Management	1	ON	28	0	28	7	0	7

		through application of CMRS in Paddy based Cropping System								
Agronomy	PF	Rice-Wheat Cropping System	1	OFF	33	0	33	6	0	6
Agronomy	PF	Rice-Wheat Cropping System	1	OFF	30	0	30	7	0	7
Agronomy	PF	Weed Management of paddy	1	OFF	29	1	30	11	1	12
Agronomy	PF	Directed Seeded rice	1	ON	26	5	31	18	5	23
Agronomy	EF	Nutrient Management in Paddy through Application of Crop & Management	1	ON	28	0	28	7	0	7
Home Sc.	PF	Papad Making Beason	1	OFF	0	21	21	0	11	11
Home Sc.	PF	Minimization of Nutrient loss	1	OFF	0	28	28	0	0	0
Home Sc.	RY	Mango Squash Preparation	1	OFF	0	24	24	0	5	5
Home Sc.	Ry	Mango Jam Preparation	1	OFF	0	20	20	0	2	2
Horticulture	PF	INM in Fruit and vegetable Crop	1	OFF	28	0	28	5	0	5
Home Sc.	RY	Preservation of seasonal fruits and vegetable	4	ON	0	40	40	0	23	23
Horticulture	PF	Training and Pruning of Horticultural Crops	1	OFF	27	0	27	6	0	6
Horticulture	PF	Nursery raising seed Production of vegetable crops	1	ON	10	15	25	0	0	0
Agronomy	PF	weed Management in vegetable	1	ON	9	14	23	0	0	0
Agronomy	PF	Paddy Cultivation on by SRI	1	ON	20	0	20	8	0	8
Agronomy	PF	Importance of Water Management	1	ON	25	0	25	14	0	14
Ext. Edu.	PF	Capacity Building of Paddy Growers	1	OFF	51	1	52	11	1	12
Ext. Edu.	PF	Capacity Building of Paddy Growers	1	OFF	35	0	35	14	0	14
Ext. Edu.	PF	Enterpreneurship Development through backyard poultry	1	OFF	0	25	25	0	0	0
Ext. Edu.	PF	Formation and	1	OFF	0	25	25	0	25	25

		Management of SHG								
Ext. Edu.	PF	Formation and Management of SHG	1	OFF	22	0	22	0	0	0
Ext. Edu.	PF	Formation and Management of SHG	1	OFF	15	0	15	0	0	0
Soil Science	PF	Fertilizer Management in Paddy	1	OFF	25	5	30	25	5	30
Soil Science	PF	Nutrient management in SRI method transplanted Paddy	1	ON	20	0	20	8	0	8
Soil Science	RY	Soil and water management soil sample collection and its analysis	7	ON	24	1	25	13	1	14
Soil Science	PF	Micro Nutrient deficiency symptoms and its management IN CROP	1	OFF	22	0	22	6	0	6
Soil Science	PF	Micro Nutrient deficiency symptoms and its management in crop	1	OFF	25	0	25	0	0	0
Soil Science	RY	Soil and water management soil sample collection and its analysis	7	OFF	22	3	25	6	0	6
Ext. Edu.	RY	Enterpreneurship Development through poultry	2	OFF	28	0	28	0	0	0
Ext. Edu.	PF	Awareness Programme about Partheniam	1	OFF	23	6	29	0	4	4
Ext. Edu.	PF	Awareness Programme about Partheniam	1	OFF	49	2	51	7	2	9
Ext. Edu.	PF	Awareness Programme about Partheniam	1	OFF	57	0	57	17	0	17
Ext. Edu.	PF	Formation and management of SHG	1	OFF	31	0	31	5	0	5
Ext. Edu.	PF	Azadi-70	1	ON	75	0	75	0	0	0
Ext. Edu.	RY	Enterpreneurship Development through poultry	3	OFF	25	0	25	3	0	3

Home Sc.	PF	Drudgary Reduction technology for women in Agriculture	1	OFF	0	20	20	0	6	6
Home Sc.	PF	Balance Nutrition for women & Child for good Health	1	OFF	0	22	22	0	7	7
Home Sc.	PF	Importance of nutrition garden and its management	1	ON	0	25	25	0	9	9
Agronomy	PF	Water Management in Paddy	1	OFF	27	7	34	15	6	21
Agronomy	RY	Seed production in Paddy	3	ON	22	0	22	16	0	16
Horticulture	PF	HDP of horticultural crops	1	ON	26	0	26	2	0	2
Horticulture	PF	Establishment and management of new orchard	2	OFF	25	0	25	4	0	4
Horticulture	RY	nursey Management of vegetable & poly tech	2	OFF	25	0	25	3	0	3
Agronomy	PF	Seed production in wheat	1	ON	25	0	25	2	0	2
Agronomy	RY	Agronomics Management practics of Maize	5	ON	25	0	25	12	0	12
Home Sc.	PF	Balance Nutrition for women & Child for good Health	1	OFF	0	43	43	0	19	19
Home Sc.	RY	Drudgary Reduction Through use of maize shellos	1	OFF	0	20	20	0	3	3
Home Sc.	EF	Balance Nutrition for women & Child for good Health	2	ON	0	22	22	0	4	4
Ext. Edu.	PF	Entrepreneurship development through Poultry	2	On	26	0	26	7	0	7
Ext. Edu.	PF	Formation and Management of SHGs	1	Off	32	0	32	6	0	6
Ext. Edu.	PF	Formation and Management of SHGs	1	Off	26	0	26	0	0	0
Ext. Edu.	PF	Leadership development among farmer's /youth	1	off	18	0	18	4	0	4

Ext. Edu.	PF	Formation and Management of SHGs	1	Off	10	16	26	0	0	0
Ext. Edu.	RY	Entrepreneurship development through Poultry	5	on	25	0	25	0	0	0
Soil Science	PF	Method of soil sampling and analysis	1	OFF	58	18	76	30	13	43
Soil Science	PF	Uses of nutrient expert and cmrs in paddy	1	OFF	25	0	25	10	0	10
Soil Science	PF	Micro Nutrient deficiency symptoms and its management IN CROP	1	OFF	25	0	25	0	0	0
Soil Science	RY	Production and marketing technique of bio-fertilizers	5	OFF	25	0	25	25	0	25
Soil Science	PF	Effect of Nutrients Management in Paddy	1	Off	19	6	25	3	2	5
Soil Science	PF	Effect of Nutrients Management in Paddy	1	Off	19	6	25	5	3	8
Soil Science	PF	Effect of Nutrients Management in Paddy	1	Off	20	5	25	5	3	8
Soil Science	PF	Effect of Nutrients Management in Paddy	1	Off	22	6	28	6	3	9
Soil Science	PF	Effect of Nutrients Management in Paddy	1	Off	24	4	28	6	2	8
Soil Science	PF	Method of Soil and water Sampling	1	Off	33	0	33	12	0	12
Soil Science	PF	Effect of Nutrients Management in Paddy	1	Off	20	4	24	6	2	8
Soil Science	PF	Nutrient management on Rabi Crop	1	Off	29	7	36	9	4	13
Soil Science	PF	Nutrient management on Rabi Crop	1	Off	53	10	63	8	5	13
Soil Science	PF	Nutrient management on Rabi Crop	1	Off	61	11	72	7	5	12
Soil Science	PF	Impact of Swachhata in	1	Off	20	4	24	3	2	5

		human health and crop cultivation								
Soil Science	EF	Nutrient managemtn on Rabi Crop	1	Off	8	0	8	4	0	4
Soil Science	EF	Nutrient managemtn on Rabi Crop	1	Off	12	0	12	4	0	4
Soil Science	EF	Nutrient managemtn on Rabi Crop	1	Off	18	0	18	4	0	4
Horticulture	PF	#REF!	1	Off	24	3	27	6	3	9
Horticulture	PF	Scientific Cultivation of Radish	1	Off	25	0	25	4	0	4
Horticulture	PF	Scientific Cultivation of Cabbage	1	Off	23	2	25	5	2	7
Horticulture	PF	Scientific Cultivation of Broccoli	1	Off	20	0	20	4	0	4
Horticulture	PF	Scientific Cultivation of Tamato	1	Off	25	0	25	1	0	1
Horticulture	PF	Scientific Cultivation of Pointed gourd	1	Off	35	0	35	12	0	12
Horticulture	PF	Scientific Cultivation of turnip	1	Off	26	0	26	1	0	1
Horticulture	PF	Scientific Cultivation of marigold and gladulous	2	ON	9	11	20	1	9	10
Horticulture	EF	Scientific Cultivation of of rabi season vegetable	1	OFF	23	12	35	0	5	5
Ext. Edu.	PF	Capacity Building of Paddy Growers	1	Off	70	36	106	14	6	20
Ext. Edu.	PF	Capacity Building of Paddy Growers	1	Off	27	0	27	0	0	0
Ext. Edu.	PF	Capacity Building of Paddy Growers	1	Off	19	0	19	0	0	0
Ext. Edu.	PF	Capacity Building of Paddy Growers	1	Off	13	0	13	0	0	0
Ext. Edu.	PF	Fromation and management of SHGs/JLGs	1	Off	31	0	31	0	0	0
Ext. Edu.	PF	capacity Building of wheat and maize Growers	1	Off	28	0	28	9	0	9
Ext. Edu.	PF	capacity Building of	1	Off	51	0	51	12	0	12

		wheat and maize Growers								
Ext. Edu.	PF	capacity Building of wheat and maize Growers	1	Off	62	0	62	0	0	0
Ext. Edu.	EF	Enterpreneurship development through Mushroom Production	1	Off	13	7	20	0	0	0
Ext. Edu.	EF	capacity Building of wheat and maize Growers	1	Off	25	0	25	0	0	0
Home Sc.	PF	Nutrition Garden its importance	1	Off	0	20	20	0	5	5
Home Sc.	PF	Preservation of seasonal fruits and vegetable	1	Off	47	5	52	22	0	22
Home Sc.	RY	Preparation of weaning food for better child gross	3	ON	0	26	26	0	0	0
Home Sc.	EF	District level ravi mahatsav abhiyan katihar	1	Off	35	26	61	12	0	12
Agronomy	PF	Irrigation Management in Paddy	1	Off	22	0	22	13	2	15
Agronomy	PF	Weed Management in Paddy	1	Off	11	3	14	4	17	21
Agronomy	PF	Integrated Farming System	1	Off	22	20	42	9	3	12
Agronomy	PF	Scientist Cultivation of Rabi Pulse	1	Off	32	3	35	3	0	3
Agronomy	PF	Scientist Cultivation of Rabi Oilseed	1	Off	28	0	28	9	2	11
Agronomy	PF	Scientist Cultivation of Maize	1	Off	22	2	24	14	0	14
Agronomy	PF	Rice-Wheat Cropping System	1	Off	23	0	23	10	0	10
Agronomy	PF	Impact of Swachhata in human health and crop cultivation	1	Off	11	0	11	7	6	13
Agronomy	EF	Sowing of wheat by zero tillage technology	1	Off	35	9	44	12	0	12
Agronomy	EF	IFS	1	Off	32	0	32	7	0	7
Soil Science	PF	Soil and crop Management practices to increase Nue	1	Off	15	0	15	10	0	10
Soil Science	PF	Soil and crop Management	1	Off	15	0	15	14	0	14

		proctices to increase Nue								
Soil Science	PF	INM in Maize	1	Off	29	0	29	15	0	15
Soil Science	PF	Method of soil sampling and analysis	1	Off	23	0	23	3	3	6
Soil Science	PF	INM in Maize	1	Off	11	9	20	0	0	0
Home Sc.	PF	Importance of Mushroom and its cultivation & variety	1	Off	0	9	9	0	6	6
Home Sc.	PF	Ripening of Banana through entopane and calcium carbide harmful to health	1	Off	4	21	25	4	22	26
Home Sc.	RY	Drudgery through modern technique use	1	ON	4	22	26	1	2	3
Ext. Edu.	PF	Cultivation of Rabi Oilseed	1	ON	34	11	45	1	0	1
Ext. Edu.	PF	Cultivation of Rabi Pulses	1	ON	25	0	25	7	0	7
Ext. Edu.	PF	Capacity Building of Maize farmers in respect in INM in Maize	1	Off	25	0	25	0	0	0
Ext. Edu.	PF	Leadership development for technology dissemination	1	ON	24	0	24	0	0	0
Ext. Edu.	PF	Capacity Building of Maize farmers in respect in INM in Maize	1	Off	25	1	26	6	0	6
Ext. Edu.	PF	Capacity Building of Maize farmers in respect in INM in Maize	1	Off	25	0	25	5	0	5
Ext. Edu.	PF	Capacity Building of Maize farmers in respect in INM in Maize	1	Off	25	0	25	9	0	9
Agronomy	PF	Cultivation of Rabi Oilseed	1	ON	34	0	34	1	0	1
Agronomy	PF	Cultivation of Rabi Pulses	1	ON	25	0	25	7	0	7
Horticulture	PF	Scientist Cultivation of onion	1	Off	16	0	16	2	1	3
Horticulture	PF	Scientist Cultivation of Banana	1	Off	22	4	26	2	1	3
Ext. Edu.	PF	Income Generation through backyard	1	ON	27	1	28	0	3	3

		poultry								
Ext. Edu.	PF	Formation and management of SHGs/JLGs	1	Off	10	3	13	9	0	9
Ext. Edu.	RY	Entrepreneurship development through nursery	4	Off	0	21	21	0	0	0
Ext. Edu.	EF	ICT practices for information and networking among farmers	1	Off	44	21	65	16	0	16
Agronomy	PF	Maize Production Technique	1	Off	34	0	34	10	0	10
Agronomy	PF	Weed Management in wheat	1	Off	38	0	38	11	0	11
Horticulture	PF	Scientific Cultivation of Onion	1	ON	14	0	14	3	0	3
Horticulture	PF	Cultivation of Radish	1	Off	25	7	32	0	0	0
Horticulture	PF	Cultivation of Carrot	1	Off	25	0	25	0	0	0
Soil Science	PF	Nutrient Management through Soil Testing	1	Off	22	0	22	7	1	8
Soil Science	PF	Soil and crop Management practices to increase Nue	1	Off	26	3	29	4	0	4
Soil Science	PF	Soil and crop Management practices	1	Off	20	0	20	2	0	2
Soil Science	PF	Nutrient Management in Maize	1	Off	23	0	23	0	0	0
Agronomy	PF	Integrated weed Management in wheat	1	Off	26	0	26	5	0	5
Agronomy	PF	Integrated Farming System	1	ON	1	0	1	0	21	21
Agronomy	PF	Agronomic Management Practices of Boro Paddy	1	Off	34	24	58	0	0	0
Agronomy	RY	Integrated Farming System	3	Off	19	0	19	7	2	9
Home Sc.	PF	Preservation of seasonal fruits and vegetable	1	ON	0	7	7	0	20	20
Home Sc.	PF	Mushroom Cultivation and its importance	1	Off	0	23	23	0	7	7
Home Sc.	PF	Dehydration of	1	Off	0	28	28	0	4	4

		mushroom								
Home Sc.	RY	Mushroom Cultivation and its importance	4	On	24	15	39	7	6	13
Ext.Edu.	RY	Entrepreneurship development through poultry	5	ON	30	10	40	0	0	0
Ext.Edu.	RY	Entrepreneurship development through poultry	4	Off	25	0	25	0	5	5
Ext. Edu.	EF	ICT practices for information and networking among farmers	1	Off	41	5	46	0	7	7
Soil Science	PF	Nutrient Management in Maize	1	Off	21	7	28	1	5	6
Soil Science	PF	Soil Health Management in crops on soil test basis	1	Off	37	7	44	12	4	16
Soil Science	PF	To develop knowledge and understanding organic farming	1	Off	21	8	29	5	2	7
Soil Science	RY	Bio Fertilizer production	5	Off	22	6	28	0	0	0
Soil Science	PF	Nutrient Management in rabi Crop	1	Off	20	0	20	8	1	9
Soil Science	PF	Nutrient Management in rabi Crop	1	Off	27	5	32	6	3	9
Soil Science	PF	Nutrient Management in Boro Crop	1	Off	24	7	31	10	2	12
Soil Science	PF	Nutrient Management in Boro Crop	1	Off	22	4	26	10	4	14
Soil Science	PF	Soil Health Management in crops on soil test basis	1	Off	18	8	26	7	3	10
Soil Science	PF	Soil Health Management in crops on soil test basis	1	Off	19	7	26	5	4	9
Soil Science	PF	Soil Health Management in crops on soil test basis	1	Off	19	6	25	3	4	7
Soil Science	PF	Soil Health	1	Off	19	9	28	5	3	8

		Management in crops on soil test basis								
Soil Science	PF	To develop knowledge and understanding organic farming	1	Off	18	10	28	6	3	9
Soil Science	PF	To develop knowledge and understanding organic farming	1	Off	19	9	28	5	3	8
Soil Science	PF	To develop knowledge and understanding organic farming	1	Off	15	6	21	3	3	6
Soil Science	EF	Nutrient Management in rabi Crop	10	Off	26	10	36	0	0	0
Ext. Edu.	PF	Formation and management of SHGs/JLGs	1	Off	15	0	15	0	0	0
Ext. Edu.	PF	Entrepreneurship development through Poultry	1	Off	17	0	17	0	8	8
Ext. Edu.	PF	Formation and Management of SHGs/ JHGs	1	Off	28	8	36	0	0	0
Ext. Edu.	PF	Formation and Management of SHGs/ JHGs	1	Off	27	0	27	8	0	8
Ext. Edu.	RY	Entrepreneurship development through Poultry	3	Off	28	0	28	7	0	7
Agronomy	PF	IFS	1	Off	23	0	23	0	0	0
Agronomy	PF	Agronomic Management Practices of Boro Paddy	1	Off	26	2	28	14	0	14
Agronomy	PF	Weed Management of Boro Paddy	1	Off	30	0	30	2	0	2
Agronomy	PF	Development Integrated Farming Practices	1	Off	30	0	30	1	0	1
Horticulture	PF	Scientific cultivation of carrot	1	Off	23	0	23	5	1	6
Horticulture	RY	Scientific making methods for jam and Jelly , Squeas	2	OFF	15	3	18	3	0	3
Horticulture	PF	Scientific Management of Mango disease	1	OFF	12	2	14	2	0	2
Horticulture	RY	Control and Mango	2	OFF	23	0	23	9	0	9

		dropping disease by scientific methods								
Horticulture	PF	Cultivation of Bhindi	1	OFF	20	2	22	0	0	0
Horticulture	PF	Care and Management of Mango flowers	1	OFF	24	3	27	11	0	11
Horticulture	RY	Scientific Methods of grafting	2	OFF	25	1	26	1	0	1
Soil Science	PF	Nutrient Management of Boro Rice	1	OFF	25	0	25	5	0	5
Soil Science	PF	Micro- Nutrient Management in Maize	1	OFF	20	0	20	6	3	9
Soil Science	PF	Soil Health Management in crops on soil test basis	1	OFF	20	5	25	2	2	4
Soil Science	PF	Organic Manures Production technique	2	ON	38	4	42	28	0	28
Soil Science	RY	Enriched vermicompost production technique	4	OFF	26	0	26	15	0	15
Soil Science	EF	Organic Manures Production and Marketing technique	1	OFF	26	0	26	3	0	3
Ext. Edu.	PF	Formation and Management of SHGs/ JHGs	1	OFF	17	0	17	0	0	0
Ext. Edu.	PF	Entrepreneurship development through Poultry	1	OFF	24	0	24	9	0	9
Ext. Edu.	PF	Entrepreneurship development through Poultry	1	OFF	23	1	24	9	0	9
Ext. Edu.	EF	Formation and Management of SHGs/ JHGs	1	OFF	26	2	28	3	0	3
Agronomy	PF	Weed Management in Boro rice	1	OFF	37	0	37	0	0	0
Agronomy	PF	Cultivation of Green Gram	1	ON	19	0	19	9	6	15
Agronomy	PF	Cultivation of black Gram	1	ON	30	6	36	0	0	0
Agronomy	PF	Cultivation of lentil	1	OFF	35	0	35	3	0	3
Agronomy	EF	Integrated Farming System	1	OFF	23	0	23	0	0	0
TOTAL			347	0	6369	1386	7755	1511	570	2081

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Poultry	Poultry Production	Entrepreneurship development through Poultry Production	8	30		30	Poultry production unit	16	16	3
Mushroom	Mushroom Production	Mushroom Production and its marketing	7	8	19	27	Oyster Mushroom Production	13	19	-
Vermicomposting	Vermiculture	Production and marketing of vermicompost	7	23	6	29	Vermicompost unit	22	22	

*training title should specify the major technology /skill transferred

D) Sponsored Training Programmes

S l. No	Titl e	Them atic area	Mo nth	Durat ion (days)	Cl ie nt	No. of cours es	No. of Participants										Sponsor ing Agency
							Male			Female			Total				
							Other s	SC	S T	Othe rs	SC	ST	Othe rs	SC	ST	To tal	
1.	Kis an awa ren ess cu m wor ksh op pro gra mm e on PM FB Y	Aware ness on PMBF Y	April	01	PF	1	273	58	67	19	15	21	252	73	88	45 3	ICAR
2.	IPN I	INM	Apr il	01	EF	01	16	4	6	2	1	1	18	5	7	30	IPNI
3.	SH G for mat ion and Ma nag eme nt	Forma tion and Mana gemen t of SHGs	Ma y,	4	PF	1	12	9	3	6	3					30	ATMA, Katihar
4.	Mu shr oom Pro duc tion	Incom e genera tion activit ies	Ma y,	5	R Y	1	8	8	3	3	4					27	ATMA, Katihar
5.	Rab i Ma hots av	ICM	Febr uary	01	PF	01										60 0	ICAR
6.	PP V& FR A	Conse rvatio n Agric ulture	Marc h	01	PF	01										18 7	PPV & FRA

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	26	863	417	1280	56	12	68	919	429	1348	
Kisan Mela	0	0	0	0	0	0	0	0	0	0	
Kisan Ghosthi/Kisan Chaupal	38	1007	225	1232	49	6	55	1056	231	1287	
Exhibition	2	630	89	719	29	4	33	659	93	752	
Film Show	8	180	58	238	0	0	0	180	58	238	
Method Demonstrations	0	0	0	0	0	0	0	0	0	0	
Farmers Seminar	0	0	0	0	0	0	0	0	0	0	
Workshop	0	0	0	0	0	0	0	0	0	0	
Group meetings	8	89	0	89	0	0	0	89	0	89	
Lectures delivered as resource persons	79	0	0	0	0	0	0	0	0	79	
Advisory Services	0	0	0	0	0	0	0	0	0	0	
Scientific visit to farmers field	0	0	0	0	0	0	0	0	0	0	
Farmers visit to KVK	3173	2277	896	3173	0	0	0	2277	896	3173	
Diagnostic visits	96	336	104	440	0	0	0	336	104	440	
Exposure visits	3	102	28	130	0	0	0	102	28	130	
Ex-trainees Sammelan	2	26	21	47				26	21	47	
Soil health Camp	5	92	32	124	3	2	5	95	34	129	
Animal Health Camp	1	28	2	30				28	2	30	
Agri mobile clinic											
Soil test campaigns	3	86	14	100				86	14	100	
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	
Self Help Group Conveners meetings	2	42	18	60				42	18	60	
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	
Celebration of important days (specify)	8	162	69	231	0	0	0	162	69	231	
Any Other (Specify)	0	0	0	0	0	0	0	0	0	0	
Total		3454	5920	1973	7893	137	24	161	6057	1997	8133

Kisan Chaupal Details year 2016-17:

S.No.	Date	Name of Village	No. of Question	No of Participants						Total
				SC		ST		Others		
				M	F	M	F	M	F	
1.	16.04.2016	Madhubani	09	07	25	00	00	00	00	32
2.	30.04.2016	Chilmara	13	00	00	00	00	32	00	32
3.	07.05.2016	Bhogoan	17	00	00	12	00	24	00	36
4.	14.05.2016	Durganj	12	00	00	00	00	26	14	40
5.	04.06.2016	Sakaraili	14	00	00	00	00	29	09	38
6.	11.06.2016	Cholahar	12	00	00	07	03	19	00	29
7.	18.06.2016	Dhangoan	18	00	00	00	00	29	01	30
8.	25.06.2016	Kursel	29	00	00	06	00	33	01	40
9.	02.07.2016	Chondi	17	14	00	00	00	11	00	25
10.	09.07.2016	Raghunathpur	21	02	00	00	00	35	00	37
11.	16.07.2016	Badi Chatar	14	00	00	07	00	22	00	29
12.	23.07.2016	Sapni	18	05	00	07	00	18	00	30
13.	30.07.2016	Dumar	15	02	00	11	00	17	06	36
14.	13.08.2016	Kehuaniya	18	7	00	07	00	14	00	28
15.	10.09.2016	Mujwal Tal	37	02	00	15	02	31	00	51
16.	17.09.2016	Madhubani	15	10	18	00	00	00	00	28
17.	24.09.2016	Mehdayi	15	00	00	22	00	00	00	22
18.	01.10.2016	Sirsa	20	11	21	00	00	00	00	32
19.	15.10.2016	Parmanandpur	12	00	00	02	00	14	15	31
20.	22.10.2016	Bakhari	20	00	00	09	00	22	00	31
21.	29.10.2016	Sirsa	24	00	14	00	00	20	00	34
22.	04.11.2016	Chitairiya	20	05	00	02	00	27	00	34
23.	12.11.2016	Kheriya	16	05	00	04	00	25	00	34
24.	19.11.2016	Gedabari	30	03	00	00	00	46	00	49
25.	26.11.2016	Lahsa	18	00	00	19	08	05	00	32
26.	03.12.2016	Kisanpur	29	00	00	12	12	10	16	51
27.	10.12.2016	Maheshpur	23	00	00	09	00	24	00	33
28.	17.12.2016	Kolasi	19	12	01	13	00	01	00	27
29.	24.12.2016	Chilmara	14	00	00	00	00	30	00	30
30.	07.01.2017	Hriday Nagar	13	00	06	00	03	00	21	30
31.	28.01.2017	Baghmara	15	10	00	00	00	16	00	26
32.	04.02.2017	Durgaganj	08	02	00	05	02	14	5	28
33.	11.02.2017	Kheriya	09	01	00	05	02	11	04	27
34.	18.02.2017	Khaira	11	01	00	02	02	10	02	17
35.	25.02.2017	Jagnathpur	08	02	02	04	02	18	03	31
36.	10.03.2017	Sikkat	14	05	00	09	00	88	00	102
37.	17.03.2017	Chilmara	05	16	02	00	00	00	00	18
38.	24.03.2017	Javara Paharpur	09	24	09	00	00	00	00	33
TOTAL			631	146	98	189	36	721	97	1287

Outcome of Kisan Choupal of KVK, Katihar: The Kisan Chaupal Programme was grand success with the participation of **1293** farmers and **36** Extension Functionaries across the **38** villages of Katihar district. “**Technical bulletins & Krishak Samachar** were distributed during the programme. The collected soil samples were analyzed at KVK laboratory and the soil health cards were provided to the concerned farmers.

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	136
Radio talks	8
TV talks	16
Popular articles	9
Extension Literature	15
Other, if any	16

3.5 Production and supply of Technological products

Village seed

Crop	variety	Quantity of seed (q)	Value (Rs)	Provided to number of farmers
Total				

KVK farm

Crop	variety	Quantity of seed (q)	Value (Rs)	Provided to number of farmers
Paddy	Rajendra Mansuri-1	79.1	261030	
Paddy	Swarna Sub-1	35.2	112640	
Wheat	HD-2967	Yield awaited		
Arhar	NDA-1	Yield awaited		
Grand Total		114.3	373670	

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Provided to number of farmers
Vegetable seedlings				
Cauliflower				
Cabbage				
Tomato				
Brinjal				
Chilli				
Onion				
Others				

Fruits				
Mango				
	Amrapali	680	40800	
	Jardalu	10	600	
	Maldah	10	600	
Guava	Allahabad Safada	30	900	
Lime	Seedless	20	600	
Papaya				
Banana				
Others				
Ornamental plants				
Medicinal and Aromatic				
Plantation				
Spices				
Turmeric				
Tuber				
Elephant yams				
Fodder crop saplings				
Forest Species				
Others, pl.specify				
Litchi	Shahi	180	5400	
Total		880	48900	

Production of Bio-Products

Name of product	Quantity	Value (Rs.)	No. of Farmers
	Kg		
Bio Fertilisers			
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
Research paper	Rama Kant, Kumar Pankaj and Singh S. B. (2016) Effect of Sulphur on Growth, Yield and Economics of Onion (<i>Allium cepa</i> L). <i>Indian J. Ecology</i> 43 (special issue-1):202-207	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. S.B. Singh, PC, KVK, Katihar		
Research paper	Singh Rama Kant, Kumar Pankaj, Prasad B., Das A.K. and Singh S. B. (2016). Effect of split application of nitrogen on performance of wheat (<i>Triticum aestivum</i> L). <i>Internat. J. agric. sci.</i> , 12 (1) : 32-37	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. S.B. Singh, PC, KVK, Jajalgarh		
Research paper	Singh Rama Kant, Kumar Pankaj, Singh S. B. and Rahman M. (2016). Effect of dhaincha { <i>Sesbania aculeate</i> (L)} on physico-chemical properties of soil. " <i>The Ecosan</i> " IX : 105-113.	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. S.B. Singh, PC, KVK, Jalalgarh		
Abstracts	Rama Kant Singh, Pankaj Kumar, S. K. Singh and S. B. Singh (2016) 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	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. Sushil Kumar Singh SMS (Agronomy) Dr. S.B. Singh, PC, KVK, Katihar		

	University, Sabour, Bhagalpur held on 28-29 January 2016							
Abstracts	Rama Kant Singh, Pankaj Kumar, S. K. Singh and S. B. Singh (2016) 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.	<table border="1"> <tr><td>Dr. Rama Kant Singh, SMS (Soil Science)</td></tr> <tr><td>Sri Pankaj Kumar, SMS (Ext. Edu)</td></tr> <tr><td>Dr. Sushil Kumar Singh SMS (Agronomy)</td></tr> <tr><td>Dr. S.B. Singh, PC, KVK, Katihar</td></tr> </table>	Dr. Rama Kant Singh, SMS (Soil Science)	Sri Pankaj Kumar, SMS (Ext. Edu)	Dr. Sushil Kumar Singh SMS (Agronomy)	Dr. S.B. Singh, PC, KVK, Katihar		
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Sri Pankaj Kumar, SMS (Ext. Edu)								
Dr. Sushil Kumar Singh SMS (Agronomy)								
Dr. S.B. Singh, PC, KVK, Katihar								
Abstracts	Rama Kant Singh, Pankaj Kumar, S. K. Singh and S.B. Singh (2016) 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.	<table border="1"> <tr><td>Dr. Rama Kant Singh, SMS (Soil Science)</td></tr> <tr><td>Sri Pankaj Kumar, SMS (Ext. Edu)</td></tr> <tr><td>Dr. Sushil Kumar Singh SMS (Agronomy)</td></tr> <tr><td>Dr. S.B. Singh, PC, KVK, Katihar</td></tr> </table>	Dr. Rama Kant Singh, SMS (Soil Science)	Sri Pankaj Kumar, SMS (Ext. Edu)	Dr. Sushil Kumar Singh SMS (Agronomy)	Dr. S.B. Singh, PC, KVK, Katihar		
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Sri Pankaj Kumar, SMS (Ext. Edu)								
Dr. Sushil Kumar Singh SMS (Agronomy)								
Dr. S.B. Singh, PC, KVK, Katihar								
Abstracts	Rama Kant Singh, Pankaj Kumar, S. K. Singh and S.B. Singh (2016) 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.	<table border="1"> <tr><td>Dr. Rama Kant Singh, SMS (Soil Science)</td></tr> <tr><td>Sri Pankaj Kumar, SMS (Ext. Edu)</td></tr> <tr><td>Dr. Sushil Kumar Singh SMS (Agronomy)</td></tr> <tr><td>Dr. S.B. Singh, PC, KVK, Katihar</td></tr> </table>	Dr. Rama Kant Singh, SMS (Soil Science)	Sri Pankaj Kumar, SMS (Ext. Edu)	Dr. Sushil Kumar Singh SMS (Agronomy)	Dr. S.B. Singh, PC, KVK, Katihar		
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Dr. Sushil Kumar Singh SMS (Agronomy)								
Dr. S.B. Singh, PC, KVK, Katihar								
Abstracts	Rama Kant Singh, Pankaj Kumar and S. B. Singh	Dr. Rama Kant Singh, SMS (Soil						

	(2016) Effect of Sulphur on Growth, Yield and Economics of Onion (<i>Allium cepa L.</i>). Indian Ecological Society International Conference-2016 held at Sher-e-kashmir University of Agricultural Sciences & Technology of Jammu on dated February 18-20, 2016.	Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. S.B. Singh, PC, KVK, Jalalgarh		
Abstracts	Pankaj Kumar, Rama Kant Singh, S. B. Singh and M. Rohman (2016) Impact of Front Line Demonstration on Yield Enhancement of Moong. National Conference on Bringing Self Sufficiency in Pulses for Eastern India held at BAU, Sabour on August 05-06, 2016.	Sri Pankaj Kumar, SMS (Ext. Edu) Dr. Rama Kant Singh, SMS (Soil Science) Dr. S.B. Singh, PC, KVK, Jalalgarh Dr. M. Rohaman, Chief Scientist, JRS, katihar		
Abstracts	Singh Rama Kant, Kumar Pankaj, Singh S. B. and Rahman M. (2017). Effect of dhaincha { <i>Sesbania aculeate</i> (L)} on physico-chemical properties of soil. National Conference on Harmony with Nature in context of Conservation and Climate Change (HARMONY 2016) held at Vinoba Bhave University Hazaribag, Jharkhand on October 22 – 24, 2016.	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. S.B. Singh, PC, KVK, Jalalgarh Dr. M. Rohaman, Chief Scientist, JRS, katihar		
Abstracts	Singh Rama Kant, Kumar Pankaj, Singh S.K. and Singh S.B. (2016). Effect of Azolla piñata on soil nutrients status with paddy growth and yield. National Seminar on Sustainable Management of Environment for Livelihoods Security through Skill Development for Smart	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. Sushil Kumar Singh SMS (Agronomy) Dr. S.B. Singh, PC, KVK, Katihar		

	Agriculture held at Udai Pratap Autonomous College, Varanasi (U.P.) on Nov. 28-29, 2016.			
Abstracts	Singh Rama Kant, Kumar Pankaj, Singh K.P. and Sinha S.K. (2016). Effect of puddling, Organic Manure and N-levels Applied to Rice (<i>Oryza sativa</i>) on Succeeding wheat (<i>Triticum aestivum</i>). National Seminar on Sustainable Management of Environment for Livelihoods Security through Skill Development for Smart Agriculture held at Udai Pratap Autonomous College, Varanasi (U.P.) on Nov. 28-29, 2016.	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. K.P. Singh, SMS (Horticulture) Dr. S.K.Sinha, PC, KVK, Katihar		
Abstracts	Lakshman K., Chowdhary Gopal Lal, Singh Rama Kant, Singh V.K. and Ganguly Pritam (2016). Site Specific Nutrient Management (SSNM) for Sustainable Crop Production. National Seminar on Sustainable Management of Environment for Livelihoods Security through Skill Development for Smart Agriculture held at Udai Pratap Autonomous College, Varanasi (U.P.) on Nov. 28-29, 2016.	Lakshman K. Assis. Prof. Cum Jr. Scientist Dr. Rama Kant Singh, SMS (Soil Science)		
Abstracts	Singh Sushil Kr., Singh Rama Kant, Kumar Pankaj, Das A.K. and Singh S. B. (2016). Effect of Weed Management on Yield and Economics of Green Gram (<i>Vigna radiate</i> L). National Seminar on Sustainable Management of Environment for Livelihoods Security through Skill Development	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. Sushil Kumar Singh SMS (Agronomy) Dr. S.B. Singh, PC, KVK, Katihar Sri A.K. Das SMS,		

	for Smart Agriculture held at Udai Pratap Autonomous College, Varanasi (U.P.) on Nov. 28-29, 2016.	(Hort)		
Abstracts	Singh Sushil Kr., Singh Rama Kant, Kumar Pankaj, Singh K.P. and Singh S. B. (2016). Effect of Seed Treatment on Yield and Economics of Field Pea (<i>Pisum sativum</i>). National Seminar on Sustainable Management of Environment for Livelihoods Security through Skill Development for Smart Agriculture held at Udai Pratap Autonomous College, Varanasi (U.P.) on Nov. 28-29, 2016.	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. Sushil Kumar Singh SMS (Agronomy) Dr. S.B. Singh, PC, KVK, Jalalgarh		
Abstracts	Singh Rama Kant, Kumar Pankaj, Singh S.K., Singh S.B. and Sinha S.K. (2017). Effect of Real Time Nitrogen Manegment on Performance of Rice (<i>Oryza sativa</i> L.). National Conference on Climate Change and Agricultural Production at Bihar Agricultural University Sabour, Bhagalpur (Bihar) on March 06-08, 2017.	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. Sushil Kumar Singh SMS (Agronomy) Dr. S.B. Singh, PC, KVK, Jalalgarh Dr. S.K.Sinha, PC, KVK, Katihar		
Abstracts	Kumar Pankaj, Singh Rama Kant, Singh S.K., Singh S.B. and Sinha S.K. (2017). Mitigation of Climate Change Impact on Maize Production through Training Programme. National Conference on Climate Change and Agricultural Production at Bihar Agricultural University Sabour, Bhagalpur (Bihar) on March 06-08, 2017.	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. Sushil Kumar Singh SMS (Agronomy) Dr. S.B. Singh, PC, KVK, Jalalgarh Dr. S.K.Sinha, PC, KVK, Katihar		
Abstracts	Singh S.K., Singh Rama Kant, Kumar Pankaj,	Dr. Rama Kant Singh, SMS (Soil		

	Kushwaha S., Singh S.B. and Sinha S.K. (2017). Impact of different sowing dates on performance of Maize under changing climate scenario. National Conference on Climate Change and Agricultural Production at Bihar Agricultural University Sabour, Bhagalpur (Bihar) on March 06-08, 2017.	Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. Sushil Kumar Singh SMS (Agronomy) Dr. S.B. Singh, PC, KVK, Jalalgarh Dr. S.K.Sinha, PC, KVK, Katihar		
Seminar/Symposium attained	National Seminar on Soil Health Management organized by Department of Soil Science and Agricultural Chemistry, Bihar Agricultural University, Sabour, Bhagalpur, Bihar, Jan. 28-29, 2016	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. Sushil Kumar Singh SMS (Agronomy)		
Seminar/Symposium attained	International Conference-2016 organized by Indian Ecological Society at Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu, Feb. 18-20, 2016.	Dr. Rama Kant Singh, SMS (Soil Science)		
Seminar/Symposium attained	National Conference on Bringing Self Sufficiency in Pulses for Eastern India held at BAU, Sabour, Bhagalpur, Bihar, Aug. 05-06, 2016.	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. Sushil Kumar Singh SMS (Agronomy)		
Seminar/Symposium attained	National Conference on Harmony with Nature in context of Conservation and Climate Change (HARMONY 2016) held at Vinoba Bhave University Hazaribag, Jharkhand, Oct. 22 – 24, 2016.	Dr. Rama Kant Singh, SMS (Soil Science)		
Seminar/Symposium attained	National Conference on Climate Change and Agricultural Production held at Bihar Agricultural University Sabour, Bhagalpur (Bihar) on April 06-08, 2017.	Dr. Rama Kant Singh, SMS (Soil Science) Sri Pankaj Kumar, SMS (Ext. Edu) Dr. Sushil Kumar Singh SMS (Agronomy)		

		Dr. K.P. Singh, SMS, (Hort)		
Books	Paudha kisam Krishak adharkar sarkshan Adiniyam, 2001	Dr. S.K.Sinha, PC KVK, Katihar Sri U. K. dubey, Deputy registrar PPV & FRA	1000	1000
Bulletins	Krishak Samachar	Krishi Vigyan Kendra	1000	1000
Bulletins	Krishak Samachar	Krishi Vigyan Kendra	1000	1000
Bulletins	Krishak Samachar	Krishi Vigyan Kendra	1000	1000
Bulletins	Krishak Samachar	Krishi Vigyan Kendra	1000	1000
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	Pradhan Mantri Fasal Bima Yojana	Krishi Vigyan Kendra, Katihar	1000	1000
Extension Pamphlets/ literature	Garma Moong ki Unnat kheti	Sri Pankaj Kumar, SMS (Ext. Edu)	2000	2000
Extension Pamphlets/ literature	Gramin Mahila avam kutir udhog	Sri Pankaj Kumar, SMS (Ext. Edu)	2000	2000
Extension Pamphlets/ literature	Zero Tilej Taknik Dwara gehu ki buyai	Dr. Sushil Kumar Singh SMS (Agronomy)	2000	2000
Extension Pamphlets/ literature	Mrada Parikshan : Aaj ki avashyata	Dr. Rama Kant Singh, SMS (Soil Science)	2000	2000
Extension Pamphlets/ literature	Krishi nivesh me milavati urvarko ki pahchan	Dr. Rama Kant Singh, SMS (Soil Science)	2000	2000
Extension Pamphlets/ literature	Makhana Utapadan taknik	Sri Pankaj Kumar, SMS (Ext. Edu)	2000	2000
Extension Pamphlets/ literature	Arhar ki Unnat kheti pranali	Dr. Sushil Kumar Singh SMS (Agronomy)	2000	2000
Extension Pamphlets/ literature	Pichhat gehu ki sasya Pranali	Dr. Sushil Kumar Singh SMS (Agronomy)	2000	2000
Extension Pamphlets/ literature	Aam ke mukhy kit avam wayadhi (rog) aur bachav ke tarike	Dr. K.P Singh, SMS (Hort)	2000	2000
Extension Pamphlets/ literature	Lichi ke bago ke jirnoudhar	Dr. K.P Singh, SMS (Hort)	2000	2000
Extension Pamphlets/ literature	PPVFRAAct-2001	Krishi Vigyan Kendra, Katihar	2000	2000
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL			27000	27000

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

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

S. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.					
2.					
3.					
4.					
5.					
6.					
7.					

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

Mushroom Cultivation for enhanced income

Mr. Khitish Chandra Das

Contact No:- 8227038200

Age:- 32 Years

Holding Size (in acre):- 3 Acre

Education Qualification:- Intermediate

Experience in farming : 3 years

Brief description of the farm/ Enterprise: Mr. Khitish Chandra, Das is a farmer of shahpur village in Balrampur Block in Katihar. He decided to choose self employment in agriculture for better revenue generation. After training from KVK, Katihar and BAU, Sabour, he formed a Group of like-minded farmers along with his friend and started growing button mushroom. He arranged start-up capital for growing button mushroom and started the enterprise. Before adoption of intervention, he obtained Rs 40 thousand as average income from his farm of 3 acres and after adoption of mushroom cultivation he is getting an additional benefit of 65 thousand. He is now motivating other farmers in the district to adopt mushroom cultivation

Quote of the farmer: "Entrepreneurial activity along with dairy business has led to better opportunities in agriculture."

Crop/ Livestock /Fish / Enterprise	Area(Acre)/ No.	Cost of Production (Rs Per Unit)	Return (Rs Per Unit)	Net income (Rs Per Unit)
Improved farming	3	1,20,000	1,60,000	40,000

Income level before adopting such farming

Crop/ Livestock /Fish / Enterprise	Area(Acre)/ No.	Cost of Production (Rs Per Unit)	Return (Rs Per Unit)	Net income (Rs Per Unit)
Improved farming and Button Mushroom	3	2,,40,000	3,05,000	65,000

Mushroom Production for Sustainable Profits

Smt Lily Marandi

Contact No:- 7763022163

Age:- 49 Years

Holding Size (in acre):- 1 Acre

Education Qualification:- Middle School

Experience in farming : 8 years

Brief description of the farm/ Enterprise: Smt Lily Marandi is living in Nima village under Manihari block in Katihar. She is owning 1 acre land in the flood prone zone. It was difficult for her to maintain house hold expenditures after working as a daily laborer. Due to seasonal Laborer availability in her village, she was not able to fulfill any of the needs. She came in contact with KVK; Katihar after a Kisan choupal was organized at her village. She participated in a training programme in entrepreneurship Development through mushroom cultivation. She Participated in the training programme on Mushroom production and got interested in growing mushroom. she was not able to start mushroom cultivation due to lack of capital ,under the FLD programme in KVK, She was provided Polybags, spawn etc. as inputs for Oyster mushroom production she started oyster mushroom cultivation with an earning of Rs 01 thousand for the first time. She invested the additional income earned form the production of oyster mushroom. She is now earning an additional income of Rs 7 thousand from 50 bags. She is now happy with the entrepreneurial activity and is motivating other poor women in the village for staring this venture for getting handsome income.

Quota of the farmer: “ Mushroom production has led to sutainable income with low dependence on space and manual labour.”

Crop/ Livestock /Fish / Enterprise	Area(Acre)/ No.	Cost of Production (Rs Per Unit)	Return (Rs Per Unit)	Net income (Rs Per Unit)
Farming and Mushroom	1	31,000	51,000	21,000

Income level before adopting such farming

Crop/ Livestock /Fish / Enterprise	Area(Acre)/ No.	Cost of Production (Rs Per Unit)	Return (Rs Per Unit)	Net income (Rs Per Unit)
Farming	1	30,000	44,000	14,000

Mushroom Production for Sustainable income generation

Smt Malti Murmu

Contact No:- 750590445

Age:- 36 Years

Holding Size (in acre):- 1 Acre

Education Qualification:- Middle School

Experience in farming : 6 years

Brief description of the farm/ Enterprise: It is true that a woman came prove herself to be successful in whatever she puts her mind to mushroom cultivation is considered as an alternative source of income to uplift the living standards of poor farmers and also to add high quality protein in their daily diets to eradicate malnutrition problems. Smt Multi Murmu having 1 acre land in the flood effected village. Where the cultivation on kharif is not possible due to several of floods. She and her family members are among the hundreds of poor farmers and laborers a who work to fulfill their daily needs. She visited KVK, Katihar to know about different income generating activists for improvement of the living standards of her family. She was advised to adopt mushroom cultivation such requires little space. She started Mushroom cultivation with the savings where she could earn only an average sum of Rs 12 thousand in a years. With continuous labor and expertise, she is able to earn Rs. 26 thousand ear through mushroom cultivation also. This has provided her with better nutritional security along improvement in live hood.

Quota of the farmer: "Mushroom Production has changed lifestyle"

Crop/ Livestock /Fish / Enterprise	Area(Acre)/ No.	Cost of Production (Rs Per Unit)	Return (Rs Per Unit)	Net income (Rs Per Unit)
Farming and Mushroom	1	30,000	56,000	26,000

Income level before adopting such farming

Crop/ Livestock /Fish / Enterprise	Area(Acre)/ No.	Cost of Production (Rs Per Unit)	Return (Rs Per Unit)	Net income (Rs Per Unit)
Farming	1	28,000	40,000	12,000

Dairy farming for improved income opportunities

Sri Surendra Singh

Contact No:- 9955546896

Age:- 48 Years

Holding Size (in acre):- 1 Acre

Education Qualification:- Matriculation

Experience in farming : 15 years

Brief description of the farm/ Enterprise:- Dairy is a valuable asset of the farming community and is crucial in supporting the livelihood particularly during unfavorable times. Mr. Surendra Singh was a traditional farmer from the village Sirsa of Katihar block under Katihar district. He possessed 1 acre of land. Due to economic problems he was unable to continue his study after matriculation. He was struggling to fulfill the needs of his family members including the education of these children. At the time, he was fetching only Rs 5 thousand per month as an income from his farm. This income was also not regular due to uncertainty in farming. He got engaged as a daily laborer for supplementation income. He came in contact with KVK, Katihar, where he was advised to attend a training program on entrepreneurship development through dairy. He subsequently attended a four-day training programme. After the training, he started dairy with a small dairy. After obtaining regular benefits, he increased the number of cows to six. Before starting dairy, he was earning a net income of Rs 60 thousand per year but after the initiation of dairy, he is now earning a net income of Rs 1.630 lakh per annum. The additional income helped him to convert the temporary shed to a permanent house with sufficient space for each animal. He is now enjoying a good socio-economic status in the village, leading a comfortable life.

Quota of the farmer: Dairy has provided him an economic booster to pursue other avenues in agriculture.

Crop/ Livestock /Fish / Enterprise	Area(Acre)/ No.	Cost of Production (Rs Per Unit)	Return (Rs Per Unit)	Net income (Rs Per Unit)
Farming	1	1,50,00	2,10,000	60,000

Income level before adopting such farming

Crop/ Livestock /Fish / Enterprise	Area(Acre)/ No.	Cost of Production (Rs Per Unit)	Return (Rs Per Unit)	Net income (Rs Per Unit)
Dairy and Vegetable Cultivation	6 cows	2,30,000	3,60,000	1,30,000

Honey rearing as an income generation

Smt Pushpa Devi

Contact No:- 9572568655

Age:-27 Years

Holding Size (in acre):- 3 Acre

Education Qualification:- Middle School

Experience in farming : 07 years

Brief description of the farm/ Enterprise:- Smt Pushpa Devi is a farmer of village Bhelai of Kadwa block in Katihar district. Her family was dependent on agriculture for sustaining livelihoods in agriculture. She visited the KVK and enrolled herself in the four day course on Entrepreneurship development though bee-keeping which changed her life completely. After training. She started honey bee production with 100 boxes . Before starting the entrepreneurial activity, she used to earn an income of Rs 79 thousand from the farm annually but after honey bee production, she now gets a net income of Rs 3.54 Lakh from farm and honeybee production. She is selling the produce honey in the adjoining state. She is now planning to set up her own brand for marketing purposes for rearing income. She is also motivating other women farmers for adoption of honey bee farming for improvement of their livelihood standards. Her future plan is to set up her own company and create awareness about the nutritional and medicinal benefits of honey. Her family is also supporting her Honey bee Production.

Quota of the farmer: **“Honey Bee this provided me economic freedom. It is highly nutritional enterprise for the benefit of all”.**

Economic of the farm:

Crop/ Livestock /Fish / Enterprise	Area(Acre)/ No.	Cost of Production (Rs Per Unit)	Return (Rs Per Unit)	Net income (Rs Per Unit)
farming and 100 boxes honey bee production	3	1,00,000	5,40,000	3,54,000

Income level before adopting such farming

Crop/ Livestock /Fish / Enterprise	Area(Acre)/ No.	Cost of Production (Rs Per Unit)	Return (Rs Per Unit)	Net income (Rs Per Unit)
Farming	3	86,000	1,65,000	79,000

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 KVKs

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,	1469	905	95	56530.00
Total	1469	905	95	56530.00

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

3.13 Technology week celebration

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

3.14. RAWE programme - is KVK involved? YES

No of student/ARS trained	No of days stayed
15	135

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
02.04.2016	Sri Manohar Prasad Ji, MLA, Manihari, Katihar	To take participate in the awareness program on pradhanmantri fasal bima yojana
02.04.2016	Dr., RK.sohane, Director Extesion Education, BAU, Sabour	To take participate in the awareness program on pradhanmantri fasal bima yojana
02.04.2016	Sri Amit Kumar, DDM,Nabard, Katihar	To take participate in the awareness program on pradhanmantri fasal bima yojana
02.04.2016	Sri K.N. Singh, district Cow development officer, katihar	To take participate in the awareness program on pradhanmantri fasal bima yojana
02.04.2016	Sri B.P. Kushwah, LDM, Katihar	To take participate in the awareness program on pradhanmantri fasal bima yojana
02.04.2016	Sri Ashwani Kumar choudhary, Assist jute development officer, Katihar	To take participate in the awareness program on pradhanmantri fasal bima yojana
29.04.2016	Dr. Vishal Bahadur Shahi Scientist IPNI Begusarai	To take participate in the sponsored programme on Nutrient Expert
14.02.2017	Sri tariq Anwar ji, MP, Katihar	To take participate in the Rabi Krishik Sammelan
14.02.2017	Sri Satyanarayan Prasad, Ex-MLA, Katihar	To take participate in the Rabi Krishik Sammelan
14.02.2017	Sri Abul Shakur, Ex-MLA, Katihar	To take participate in the Rabi Krishik Sammelan
14.02.2017	Dr. R.N. Singh, ADEE, BAU, Sabour	To take participate in the Rabi Krishik Sammelan
14.02.2017	Sri S. K. Jha, Director, vittiya rin paramarsh Kendra, Katihar	To take participate in the Rabi Krishik Sammelan
29.03.2017	Dr. Rajesh Kumar, Principal BPSAC, Purnea	To take participate in the PPV-FRA-2001
29.03.2017	Dr. Paras Nath, Senior Scientistl BPSAC, Purnea	To take participate in the PPV-FRA-2001

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	2637
Seed treatment	1896
Vermicompost	1056
Seed production	290
Balanced fertilizer application	2270

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

A. Goat farming

Name of the enterprise	Goat farming
Name & complete address of the entrepreneur	Sri SatyanarayanMandal Vill. – Bhermara Block – Mansahi Distt. – Katihar (Bihar) Mob. - 9931100376
Intervention of KVK with quantitative data support	Training, Project formation, liasioning
Time line of the entrepreneurship development	One year
Technical Components of the Enterprise	Training, Treatment, Breed selection
Status of entrepreneur before and after the enterprise	Primarily she was rearing 3 goats and presently 46 goats are rearing
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise)	Black bengal – 46 (kids and adults are sold at local market)
Horizontal spread of enterprise	8

B. Resource Conservation

Name of the enterprise	Resource conservation
Name & complete address of the entrepreneur	Sri Vishnu deouraon Age:- 43 years Vill:- Sardahi Post:- KatiharDistt:- Katihar(Bihar)
Intervention of KVK with quantitative data support	Training, Project formation, liasioning
Time line of the entrepreneurship development	Two years
Technical Components of the Enterprise	Sri VishnudeoUraon adopted the methods of IFS. In most of his land he planted some useful fruit plants that gave him usefulfruits and timbers. He started small dairy that gave him ample milk for sale. He started vermi compost. Growing Mushroom and fisheries gives solid source of income. He taught the importance of environment and ecology to another farmer of neighboring areas and earn additional income of Rs. 200000/- per year
Status of entrepreneur before and after the enterprise	After adopting IFS, he earn and additional income of Rs. 200000/-
Present working condition of enterprise in terms of raw materials availability, labouravailability, consumer preference, marketing the product etc. (Economic viability of the enterprise)	IFS in one acre land
Horizontal spread of enterprise	6

C. Beekeeping

Entrepreneurship development	
Name of the enterprise	Bee keeping
Name & complete address of the entrepreneur	Smt. Pushpa Devi Village ; Bhilahi Block – Dandkhora Dist- Katihar Mob No. - 9572568655
Intervention of KVK with quantitative data support	Training, Project formation, liasioning
Time line of the entrepreneurship development	Two years
Technical Components of the Enterprise	Start Beekeeping in a group of farmers and in first years starts with 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 12 rural youths.

D. Vermicomposting

Entrepreneurship development	
Name of the enterprise	Vermicompost
Name & complete address of the entrepreneur	Sri Binod Singh Vill:- Dumar Block- Sameli Dist- Katihar Mob No.- 99361629331
Intervention of KVK with quantitative data support	Training, Project formation, liaisoning
Time line of the entrepreneurship development	3 years
Technical Components of the Enterprise	After preparation of vermicompost, he is selling @rs . 5 per kg, After starting the enterprise srisingh 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 selling of vermicompost is not a problem.
Horizontal spread of enterprise	10

4.6 Any other initiative taken by the KVK

5.0 LINKAGES

5.1 Functional linkage with different organizations

Sl. No.	Name of organization	Nature of linkage
1.	ATMA, Katihar	Regarding assistance in training, Kharif Mahotsav, Rabi Mahotsav and other programmes
2.	Deptt. of Agriculture, Katihar	Regarding Mechanisation, Training, Demonstration, Field day and other programmes
3.	Jeevika, Katihar	Regarding assistance in training
4.	RSETI, Katihar	Regarding assistance in training
5.	Deptt. of Fishries, Katihar	Regarding assistance in training
6.	Deptt. of Animal Husbandry, Katihar	Regarding assistance in training
7.	NABARD	Regarding assistance in training, Formation of Kisan Club, FPO and financial assistance
8.	IFFCO, Katihar	Regarding assistance in training
9.	NIAM, Jaipur	Regarding assistance in training
10.	District Industries Centre	Regarding assistance in training
11.	District Co-operative Office	Regarding assistance in training
12.	Path Angikanchal, NGO	Regarding assistance in training
13.	Sugarcane Department, Purnea	Technical Support
14.	AIR, Purnea	Technical Support
15.	NSC	Technical support in seed production programme
16.	IARI, Pusa, Samastipur	Joint Programme
17.	Doordarshan, Patna	Joint Programme

Note : The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

5.2. List of special programmes undertaken during 2016-17 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies (**information of previous years should not be provided**)

6.2 Performance of instructional farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	21.06.2016	12.11.2016	2.5	R.M. - 1	C/S	71			
Paddy	25.06.2016	12.11.2016	0.8	Swarna Sub-1	C/S	31			
Arhar	18.07.2016		1.2	NDA-1	C/S				
Wheat	23.11.2016		3.5	HD-2967	C/S				

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

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

6.4 Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.							
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)
DEC 2016	15	135	
Total :			

(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 -
	Kharif	Rabi	Kharif	Rabi	

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2013
	Kharif	Rabi	Kharif	Rabi	

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2012
	Kharif	Rabi	Kharif	Rabi	
TOTAL					

7.5 Utilization of KVK funds during the year 2016-17 (Not audited)

S. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	72.87	72.87	72.29
2	Traveling allowances	1.5	1.50	
3	Contingencies			
A	ST/PoL			
B		6.8	6.8	5.0
C	Training			
D		3.60	3.60	
E	FLD	2.40	2.40	
F	OFT	1.20	1.20	1.15
G	M.B. Constructual staff salary	10.12	0.50	0.15429
H				
I				
J				
TOTAL (A)		98.49	82.87	

B. Non-Recurring Contingencies				
1	Work(Administration Building)	30.00	30.00	
2				
3				
4				
TOTAL (B)		30.00		
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		128.4900		

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)
2014-15	1663239.49	652393.00	890906.00	1424726.49
2015-16	1424726.49	524548.00	484118.50	1465155.99
2016-17	1465155.99	442162.00	584642.00	1322675.00

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	Number of activity	Season	With line department	With ATMA	Both
Diagnostic Field Visit	12	Kharif & Rabi 2016-17	✓	✓	✓
Krishi Yantrikaran Mela	4	Rabi 2016-17	✓	✓	✓
Krishak Gosthi	09	Kharif & Rabi 2016-17	✓	✓	✓
Field Day	20	Kharif 2016-17	✓		
Krishak Vigyanik Milan	01	Rabi 2016-17	✓	✓	✓
Rabi Mahotsav	01	Rabi 2016-17	✓	✓	✓
Crop Cutting Experiments	12	Kharif & Rabi 2016-17	✓		
District Level Kharif Mahabhiyan Programme	1	Kharif,2016-17	✓	✓	✓
District Level Rabi Mahabhiyan Programme	1	Rabi 2016-17	✓	✓	✓
Kisan Club Meeting		Rabi 2016-17	✓		
Financial Literacy Programme	1	Kharif & Rabi 2016-17	✓		
SAC meeting	01	Rabi 2016-17	✓	✓	✓

8. Initiative taken towards organic farming by the KVK (area brought under organic farming, crops cultivated through organic means and other relevant information)

9. Other information

9.1. Prevalent diseases in Livestock/Crops/Fishery

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

9.2. Nehru Yuva Kendra (NYK) Training

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

9.3. PPV & FR Sensitization training Programme

Date of organizing the programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration
29/3/2017	Dr. Rajesh Kumar, Associate Dean Cum Principal, BPSAC Purnea	185	Wheat, Paddy, Mustard, Maize, Pea, Makhana, Cheena, Lentil, Vegetable.	40
	Dr., S.K. Sinha Chief Scientist cum Incharge, Jute research Centre, Katihar			
	Dr. S.K. Sinha, Programme coordinator, KVK, Katihar			
	Dr. Paras Nath, Senior Scientist, BPSAC, Purnea			
	Sri Amit Kumar, DDM, NABARD			
	Sri B.P. Kushwah, Lead District Manager, Katihar			
	Sri Chndradev Prasad, DAO, Katihar			

	Sri Ashwani Kumar Choudhary, Associate Jute development Officer, Katihar			
	Sri S.K.Jha, Deputy P.D. ATMA, Katihar			
	Sri Kader Nath Singh, District Husbandry Development Officer, Katihar			

9.4.a 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	Livestock	Weather	Marketing	Awareness	Other
264	15975	807234	85	5	12	2	16	144

9.4.b Information in uploading KVK Portal by KVKs during 2016-17

Sr. No.	Name of item/ events/ component	Uploading status (Yes/No)	No. uploaded	Remarks, if any
1	KVK Profile	Yes		
2	Employee details	Yes	12	All Employee
3	Post	Yes	08	
4	Finance	Yes	02	
5	Soil Health Card	Yes	05	
6	Appliance	Yes	12	
7	Crops	Yes	04	
8	Resources	Yes	01	
9	Fish	Yes	01	
10	Past events	Yes	14	
11	Future/ upcoming events	Yes	02	
12	Facilities available at KVKs	Yes	03	
13	Package and practices			
14	Crop	Yes	06	
15	Livestock			
16	Fishery			
17	Horticulture	Yes	08	
18	CFLD on Pulses			
19	2016-17	Yes	50	
20	2015-16	Yes	162	
21	CFLD Oilseeds			
22	2016-17	Yes	75	
23	2015-16	Yes	136	

9.5 Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken
25.09.2016 to 02.09.2016	KVK, Katihar organise Swachta Saptah from 25 th September to 2 nd October 2016. 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, and Pesticides through Soil Testing, Bio Fertilisers and use of bio - Pesticides.

9.6 Observation of National Science day

Date of Observation	Activities undertaken

9. 7. Programme with Seema Suraksha Bal (BSF)

Title of Programme	Date	No. of participants

9.8 Agriculture Knowledge in rural school:

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Middle School, Fasia, Katihar	11.08.2016	Agricultural Education	Audio Visual Aids and Live samples
Middle School, Mujvar Tal, Manihari, Katihar	10.09.2016	Agricultural Education	Audio Visual Aids and Live samples
Middle School, Sirsa, Katihar	29.10.2016	Agricultural Education	Audio Visual Aids and Live samples
High School, Korha, Katihar	17.12.2016	Agricultural Education	Audio Visual Aids and Live samples

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

Rabi KrishakSammelan

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	14/2/2017	650	16	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

9.10. 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 Ji, MLA, Manihari, Katihar Dr., RK.sohane, Director Extension Education, BAU, Sabour Sri Amit Kumar, DDM,Nabard, Katihar Sri K.N. Singh, district Cow development officer, katihar Sri B.P. Kushwah, LDM, Katihar Sri Ashwani Kumar choudhary, Assist jute development officer, 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
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9.11. 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
Bihar	Katihar	ICM	16	356	After flood late mustard variety Uttara introduced as contingent crop

9.12. 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	3173	"No Any"

9.13. 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 • Agro-climatic 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 • Women in agriculture programme • Discussions on current issues in agriculture and allied sectors. • KVK happenings • Agricultural University professors. • Any other(please specify) 			
B.	<p>Community development broadcasts</p> <p>Please specify the programmes like rural development, educational, health, environment, public service broadcasts, sports etc.</p>			

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

9.15 HRD programmes organized by the KVK

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme
Workshop on “ Makhana Farmers producer Company Limited in District Purnea, Katihar and Saharsa Bihar	1(02.04.2016)	Sri Pankaj kumar	SMS(Ext, Edu)	Accpc. Dean-cum- Principle, BPSAC, Purnea
Workshop on state level workshop on kharif	01(07.05.2016)	Smt Basanti Kumari	SMS(Home Science)	Rajendra Agricultural

Production				University, Pusa, Samastipur
Workshop on state level workshop on kharif Production	01(03.05.2016)	Dr. Ramakant Singh	SMS (Soil Science)	BAU, Sabour
Workshop- Makhana Producer Organisation	01(04.05.2016)	Sri Pankaj kumar	SMS(Ext, Edu)	NABARD, Bihar
Workshop-cum- Training Kharif Maha Abhiyan on District Level	01 (20.05.2016)	Smt. Basanti Kumari	SMS(Home Science)	ATMA, Katihar
		Dr. Sushil Kumar Singh	SMS (Agronomy)	
		Sri Ajay Kumar Das	SMS (Horticulture)	
		Sri Pankaj Kumar	SMS(Ext, Edu)	
		Dr. Ramakant Singh	SMS (Soil Science)	
Workshop-cum- Training Kharif Maha Abhiyan on District Level	08 (24-31.05.2016)	Smt. Basanti Kumari	SMS(Home Science)	ATMA, Katihar
		Dr. Sushil Kumar Singh	SMS (Agronomy)	
		Sri Ajay Kumar Das	SMS (Horticulture)	
		Sri Pankaj Kumar	SMS(Ext, Edu)	
		Dr. Ramakant Singh	SMS (Soil Science)	
Meeting “ Enhance the Preparedness of Agril Contingencies of bihar, Patna	01(30.05.2016)	Dr. Ramakant Singh	SMS (Soil Science)	ICAR-CRIDA, Hyderabad ICAR Reserch Complex for Eastern Region, Patna DoA, Govt on India
“ V Interntional Symposium on Lychee, Longan & Other Sapindaaccae Fruits”	04(31.05.2016-02.06.2016)	Sri Ajay Kumar Das	SMS (Horticulture)	BAU,Sabour
National Conference on Brining Self Sufficiency in Pulses for Eastern India	02(05-06.08.2016)	Dr. Sushil Kumar Singh	SMS (Agronomy)	BAU,Sabour
Capacity Building Programme for women Empowerment and gender mainstreaming	03(23-25.08.2016)	Smt Basanti Kumari	SMS(Home Science)	BAU,Sabour
Statistical method for data Analysis n Agriculture	05(30.08.2016-03.09.2016)	Dr. Ramakant Singh	SMS (Soil Science)	BAU,Sabour
Gender Empowerment through Enterpreneurship Development	21(02.12.2016-22.12.2016)	Smt Basanti Kumari	SMS(Home Science)	Deptt pf Exten Edu. College of Agriculture Konkan Krishi Vidhyapeeth,

				Maharashtra
Process Documentation & Writing Skills in Agricultural Science	05(15.11.2016-19.11.2016)	Smt. Basanti Kumari	SMS(Home Science)	BAU,Sabour
		Dr. Sushil Kumar Singh	SMS (Agronomy)	
		Sri Ajay Kumar Das	SMS (Horticulture)	
		Sri Pankaj Kumar	SMS(Ext, Edu)	
		Dr. Ramakant Singh	SMS (Soil Science)	
Workshop-cum- Training Rabi Maha Abhiyan on District Level	01 (17.10.2016)	Smt. Basanti Kumari	SMS(Home Science)	ATMA, Katihar
		Dr. Sushil Kumar Singh	SMS (Agronomy)	
		Sri Ajay Kumar Das	SMS (Horticulture)	
		Sri Pankaj Kumar	SMS(Ext, Edu)	
		Dr. Ramakant Singh	SMS (Soil Science)	
National Conference on Harmony with nature in context of resource conservation and climate change	0(22-24.10.2016)	Dr. Ramakant Singh	SMS (Soil Science)	Vinoba Bhave University, Hazaribag
Soil testing & handling of equipment in the laboratory	05(06-10.02.2017)	Smt Swarn Prabha Reddy PA(It)	Programme Assistant (lab Tech)	BAU,Sabour
Stratigies for Promotion Farmers Producer organization	03 (03-05.03.2017)	Dr. Sushil Kumar Singh	SMS (Agronomy)	BAU,Sabour
		Dr. K.P. Singh	SMS (Horticulture)	
		Sri Pankaj Kumar	SMS(Ext, Edu)	
		Dr. Ramakant Singh	SMS (Soil Science)	
Extension Management	05 (02-06.03.2017)	Smt Swarn Prabha Reddy PA(It)	Programme Assistant (lab Tech)	BAU,Sabour
Workshop on sensitize the stakeholders of banana	01(24.03.2017)	Dr. K.P. Singh	SMS (Horticulture)	BVC, Sabour

9.16. Revenue generation:

SL.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	PPV&FRA	80,000.00	PPV&FRA
2.	Rabi Krishak Smamelan	80,000.00	ICAR
3.	Pradhanmantri Fasal Bima Yojna Programme	1,85,497.00	ICAR

9.17. Resource Generation:

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

9. 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

10. Details of TSP Project

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	
NIMA	Katihar	2403	1602	4005	789	483	1272	31.76

Physical achievements under TSP during 2016-17

Programmes	Physical achievements 2016-17
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	
On-farm trials (Number)	
Frontline demonstrations (Number)	
Farmers training (in lakh)	1
Extension personnel training (in lakh)	
Participants in extension activities (in lakh)	
Seed production (in tonnes)	
Planting material production (in lakh)	
Livestock strains and fingerlings production (in lakh)	
Soil, water, plant, manures samples testing (in lakh)	
Provision of mobile agro – advisory to farmers (in lakh)	
Others (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

Fund received under TSP in 2016-17:3.37 lakh

**11. PROGRESS REPORT OF NICRA KVK (Technology Demonstration component) 2016-17:-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

12. Information on NFDB Funded Capacity building programme during 2016-17:- N/A

Sl. No.	Name of capacity building training programme	Duration (days)	Date of programme	Fund (Rs.) sanctioned by NFDB, Hyderabad	No. of Farmers trained	Remarks, if any
1						
2						
Total						

13. National Initiative on Fodder Technology Demonstration (NIFTD):- N/A

(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

14. Awards/Recognition received by the KVK

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

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1.	BAU, Kisan Samman in Kisan Mela	Smt Pushpa Devi	2017	BAU, Sabour		

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

As Below the Report

16. List of 5000 farmers with mobile number and Aadhar card number (only soft copy to be enclosed)

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

- FPO on Makhana is under registration process

18. Any other programme organized by KVK not covered above

Kisan Club

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