

ANNUAL REPORT 2018-19 (April 2018 to March 2019)

1. GENERAL INFORMATION ABOUT THE KVK

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Siris, Aurangabad	9430949800	-	aurangabadkvk@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	0641-2452611	0641-2452604	deebausabour@gmail.com

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

Name	Telephone / Contact		Email
	Residence	Mobile	
Dr. Nityanand	-	9430949800	aurangabadkvk@gmail.com

1.4. Year of sanction of KVK: 31st March 2006

1.5. Staff Position (as on 1st April, 2019)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	PayScale with present basic	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/Others)
1.	Senior Scientist & Head	Dr. Nityanand	Senior Scientist & Head	Extension Education	37400 - 67000 P Basic - 50720	13/07/2001	Permanent	Other
2.	Subject Matter Specialist	Dr. Rajeev Singh	Subject Matter Specialist	Agronomy	15600 - 39100 P Basic - 28220	15/06/2009	Permanent	Other
3.	Subject Matter Specialist	Er. Ravi Ranjan Kumar	Subject Matter Specialist	Agricultural Engineering	15600 - 39100 P Basic - 28220	15/06/2009	Permanent	OBC
4.	Subject Matter Specialist	Dr. Sunita Kumari	Subject Matter Specialist	Home Science	15600 - 39100 P Basic - 28220	18/06/2009	Permanent	SC
5.	Subject Matter Specialist	Mr. Praveen Kumar	Subject Matter Specialist	Plant Breeding & Genetics	15600 - 39100 P Basic - 25080	16/04/2012	Permanent	OBC
6.	Subject Matter Specialist	Dr. Sangita Mehta	Subject Matter Specialist	Horticulture	15600 - 39100 P Basic - 23640	09/10/2014	Permanent	Other
7.	Subject Matter Specialist	-	-	-	-	-	-	-
8.	Programme Assistant	Mr. Dinesh Kumar	Programme Assistant	Lab. Technician	9300 - 34800 P Basic - 16140	26/10/2012	Permanent	Other
9.	Computer Programmer	Mr. Kishlay Kumar Prabhaker	Programme Assistant	Computer	9300 - 34800 P Basic - 15670	18/05/2013	Permanent	SC
10.	Farm Manager	Mr. Guddu Kumar Gunjan	Farm Manager	-	9300 - 34800 P Basic - 16140	31/10/2012	Permanent	SC
11.	Accountant / Superintendent	Mr. Ganesh Prasad	Assistant	Accountant	9300 - 34800 P Basic - 15670	12/04/2013	Permanent	Other
12.	Stenographer	Mr. Arvind Kumar	Jr. Stenographer	-	5200 - 20200 P Basic - 11510	21/06/2013	Permanent	OBC
13.	Driver	Mr. Rakesh Kumar	Driver	-	5200 - 20200 P Basic - 9260	12/05/2015	Permanent	OBC
14.	Driver	-	-	-	-	-	-	-
15.	Supporting staff	-	-	-	-	-	-	-
16.	Supporting staff	-	-	-	-	-	-	-

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	1.50
2.	Under Demonstration Units	0.50
3.	Under Crops	7.00
4.	Orchard/Agro-forestry	2.00
5.	Others with details (Threshing floor , road & bank of river)	0.96
Total		11.96

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of building	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building	-	-	-	-	Yes	440	Use	ICAR
2.	Farmers Hostel	-	-	-	-	Yes	305	Use	ICAR
3.	Staff Quarters (6)	-	-	-	-	Yes	377	Not In Use	ICAR
4.	Piggery unit	-	-	-	-	-	-	-	-
5.	Fencing	-	-	-	-	NO	915m	-	ICAR
6.	Rain Water harvesting structure	-	-	-	-	yes	4000 m	-	KVK
7.	Threshing floor	-	-	-	-	Yes	140	Use	ICAR
	Threshing floor	-	-	-	-	Yes	445	Use	RKVY
8.	Farm godown	-	-	-	-	Yes	57.6	Use	ICAR
	Seed godown	-	-	-	-	Yes	60	Use	GOVT. of BIHAR
	godown	-	-	-	-	Yes	167	Use	RKVY
9.	Dairy unit	No	-	-	-	-	-	-	Fund not available
10.	Poultry unit	No	-	-	-	-	-	-	Fund not available
11.	Goatary unit	No	-	-	-	-	-	-	Fund not available
12.	Mushroom Lab	-	-	-	-	Yes	91	-	ICAR
13.	Mushroom production unit	-	-	-	-	Yes	183	-	ICAR
14.	Shade house	No	-	-	-	-	-	-	Fund not available
15.	Soil test Lab	-	-	-	-	-	-	-	Mini kit given by ICAR
16.	Godown CumSeed counter	-	-	-	yes	No	83.64	-	RKVY
17.	Others, Please Specify								
	Generator house	-	-	-	-	Yes	30	Use	RKVY
	Mali House	-	-	-	-	Yes	42	Use	NHM
	Pump house	-	-	-	-	Yes	9	Use	ICAR

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

- The site of staff quarters plinth area is 2 fit low from road so that in rainy season 2 fit water logged that area from July to November so approach between administrative building and staff quarter completely blocked since December 2011 . If ICAR provides us 8 – 10 lakhs rupees for site development staff quarters can used by the scientist and other staffs.

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Tractor	22/12/2006	3,86,544	1850.7 ha	Good

A) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Auto clave	2013	59850.00	Good	ICAR
Incubator	2013	68089.00	Good	ICAR
Manometer	2013	59530.00	Good	ICAR
Techometer	2016	4602.00	Good	ICAR
b. Farm machinery				
Seed processing machine	2010	9,70,000.00	Good	RKVY
c. AV Aids				
LCD projector	2010	1,00,000.00	Good	ICAR
PA system	2011	25,000.00	Good	ICAR
LED 50''	2016	72,000.00	Good	RKVY
Xerox Photocopi cum printer with trolley & stabilizer	2016	67230.00	Good	RKVY
Tablet	2016	18000.00	Good	ICARDA
Microtech Inverter & Battery	2016 & 2019	18044.00	Good	RAWE & ICAR
Water cooler with Aqua Gard RO Water purifier	2016	59500.00	Good	RKVY
LED TV 32''	2016	27200.00	Good	RKVY
Camera	2016	29600.00	Good	RKVY
Vacuum cleaner	2016	9950.00	Good	RKVY
Desktop (Dell), Laptop (HP) & Laptop (HP)	2016 & 2019	127083.00	Good	RKVY&DAMU
CCTV Camera with DVR	2016	21000.00	Good	RKVY
Sound system	2016	30165.00	Good	RKVY
Video camera Handi cam	2016	82871.00	Good	RKVY
Projector with Tripod projector screen	2016	52000.00	Good	RKVY
AC (1.5 ton) With Stabilizer & Window AC	2016 & 2019	83100.00	Good	ICARDA&ICAR
Cooler symphony 2pic	2016	25000.00	Good	ICARDA

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Cultivator	2011	58240.00	Good	ICAR
Disc Harrow	2011		Not functioning	ICAR
ZTD machine	2011	40,000.00	Good	ICAR
Vinover	2011	6000.00	Good	ICAR
Power Sprayer	2011	5760.00	Not functioning	ICAR
Power ripper	2011	1,00,000.00	Not functioning	ICAR
MB plough	2011	Supplied by RAU	Not functioning	ICAR
Power thresher	2012	Supplied by RAU	Not functioning	RKVY
	2014	99750.00	Good	ICAR
Rotavator	2012	Supplied by RAU	Good	RKVY
	2014	98700.00	Good	ICAR
Knepshaque Sprayer	2014	-	Good	ICAR
Power sprayer	2011	Supplied by RAU	Not functioning	ICAR
Weave machine	2011	2,00,000.00	Good	ICAR
Swing machine	2010	4,800.00	Good	ICAR
Moister meter	2010	Supplied by RAU	Good	RAU
Sprinkler irrigation system	2012	95000.00	Good	ICAR
DSR machine	2014	49900.00	Good	IRRAS
Multi crop ZT cum fertilizer drill	2016	61900.00	Good	NICRA
9Tins cultivator	2016	22600.00	Good	NICRA
Power sprayer with house pipe	2016	32285.00	Good	NICRA
Paddy transplanter	2016	180952.00	Good	NICRA
25 KVA desial Genetor	2016	342724.00	Good	RKVY

1.8. Details SAC meeting* conducted in the year 2018-19

S. No	Date	No. of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1	28 th Dec 2018	59	जिले के किसानों का मशरूम के सैंपल लेकर गुणवत्ता जाँच हेतु निदेशक प्रसार शिक्षा को विश्वविद्यालय भेजा जाय।	मशरूम उत्पाद को CFTRI, लखनऊ भेजा गया था जिसका Report अप्राप्त है।	
			अपने जिले के किसानों को मसूर में Weedicide dose के लिये पर्चा छपवाकर बाँटना है। परियोजना निदेशक, आत्मा एवं जिला कृषि पदाधिकारी के साथ मिलकर। पर्चा सभी कार्यक्रम में बाँटना है।	प्रशिक्षण एवं चौपाल में रबी दलहनी फसलों की खेती विषय पर लीफलेट वितरण कृषकों के बीच किया जाता है।	
			पशुपालन हेतु तिथि निर्धारित कर निदेशक प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर को भेजें जिससे Resource person की व्यवस्था हो तथा प्रशिक्षण दिया जाए।	पशुपालन विषय पर कृषि विज्ञान केन्द्र, गया एवं बिक्रमगंज के सहयोग से प्रशिक्षण आहुत की जा रही है।	
			मिट्टी की जाँच हेतु CFLD, OFT & FLD एवं अन्य 2017-18 में 500 मृदा का नमूना जाँच करना अथवा करवाना है। जिसमें एक गाँव में एक नमूना को पूरा तथा शेष का NPK जाँच कराना है। 5 दिसम्बर को विश्व मृदा दिवस के अवसर पर 250 मृदा स्वास्थ्य कार्ड वितरित करना है।	CFLD, OFT & FLD एवं अन्य में कुल 1062 मिट्टी के नमूनों की जाँच की गई तथा 1062 किसानों को मृदा स्वास्थ्य कार्ड का वितरण किया गया।	
			किसानों के यहाँ तैयार IFS model का Economic निकाला जाए।	IFS model का Economic श्री अनिल कुमार के सफलता की कहानी में उपलब्ध है।	
			Lentil बुआई विधि में पैरा विधि Treatment को भी जोड़ना है।	वर्ष 2017-18 में OFT में Technical option में पैरा विधि को रखा गया था।	
			OFT तीसी में नई प्रजाति का बीज प्रयोग में लाया जाए।	सबौर तीसी-1, बी0आर0एल0एस0-102, रुचि, शेखर (कृषक पद्धति)	
			जिले के मुख्य फसलों में लगने वाले कीट व्याधि के नियंत्रण हेतु आवश्यक कार्यवाही की जाए।	मुख्य फसलों में कीट व्याधि नियंत्रण हेतु, कृषक एवं किसान सलाहकार को प्रशिक्षण दिया गया है। मोबाईल सेवा अन्तर्गत हजारों कृषकों को जानकारी दी गई।	
			विषय वस्तु विशेषज्ञ (उद्यान) 10 दिनों में सब्जी बीज उत्पादक गाँव का भ्रमण कर मुख्य समस्या को चिन्हित कर OFT तैयार कर निदेशक प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर एवं निदेशक, अटारी, पटना को भेजें।	विषय वस्तु विशेषज्ञ (उद्यान) द्वारा चिल्खी बिगहा, शंकरपुर, प्रीतमपुर, भोपतपुर, दधपा बिगहा, बेला का भ्रमण कर मुख्य समस्या को चिन्हित किया गया एवं उस पर OFT तैयार किया गया जो इस रिपोर्ट में संलग्न है।	
			कृषि विज्ञान केन्द्र में औषधिये एवं सुगंधित पौधों की कैफेटेरिया विकसित करना है।	पौधा उपलब्ध नहीं होने के कारण कैफेटेरिया नहीं लग पाया है। फरवरी में लगाया जाएगा।	
निदेशक, अटारी, पटना ने किसानों की माँग पर कहा कि कृषकों के एक टीम को मशरूम स्पॉन एवं प्रसंस्करण प्रशिक्षण हेतु सोलन भेजा जायेगा।	राशि अभी तक अनुपलब्ध है।				

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

SAC proceedings:

दिनांक-28/12/2018 को कृषि विज्ञान केन्द्र, सिरिस, औरंगाबाद के दसवों वैज्ञानिक सलाहकार समिति की बैठक में प्राप्त दिशा निर्देश:-

1. जिले के किसानों का मशरूम के सैंपल लेकर गुणवत्ता जाँच हेतु आई0ए0आर0आई0, दिल्ली भेजा जाय।
अनुपालक:-विषय वस्तु विशेषज्ञ (गृह विज्ञान)
2. निदेशक, अटारी, पटना ने निर्देश दिया कि कृषि विज्ञान केन्द्र में औषधिये एवं सुगंधित पौधों की कैफेटेरिया विकसित किया जाए। अनुपालक:-विषय वस्तु विशेषज्ञ (उद्यान)
3. निदेशक, अटारी, पटना ने किसानों की माँग पर कहा कि कृषकों के एक टीम को मशरूम स्पॉन एवं प्रसंस्करण प्रशिक्षण हेतु आई0सी0ए0आर0 के प्रशिक्षण केन्द्र, सोलन भेजा जाये जिसका व्यय कंटिजेन्सी से किया जाए।
अनुपालक:-वरीय वैज्ञानिक एवं प्रधान तथा विषय वस्तु विशेषज्ञ (गृह विज्ञान)
4. गृह विज्ञान से संबंधित OFT हेतु कृषि अनुसंधान संस्थान, लोहियानगर, पटना में एक बैठक की जाएगी जिसमें पटना क्षेत्र के नियंत्रण में आने वाले कृषि विज्ञान केन्द्रों के वरीय वैज्ञानिक एवं प्रधान तथा संबंधित वैज्ञानिक भाग लेकर OFT तैयार करेंगे। अनुपालक:-क्षेत्रीय निदेशक कार्यालय, पटना।
5. वैज्ञानिक (उद्यान) को गाँवों में जाकर **Major crop** की जानकारी लेनी है और उससे संबंधित OFT ही करना है। अनुपालक:-विषय वस्तु विशेषज्ञ (उद्यान)
6. पशुपालन विभाग के सहयोग से जिला के पहाड़ी एवं जंगली क्षेत्रों में बकरी पालन का प्रशिक्षण देना सुनिश्चित किया जाए। अनुपालक:-जिला पशुपालन पदाधिकारी, औरंगाबाद।
7. कृषि विज्ञान केन्द्र एवं जीविका संयुक्त रूप से स्वयं सहायता समूह से जुड़ी महिलाओं को उनके आवश्यकतानुसार प्रशिक्षण देकर उन्हें स्वावलंबी बनाने की दिशा में कार्य करें।
अनुपालक:-वरीय वैज्ञानिक एवं प्रधान, कृषि विज्ञान केन्द्र, सिरिस, औरंगाबाद।
8. बैठक में उपस्थित कृषकों ने संयुक्त रूप से माँग किया कि जब तक नहर द्वारा उपलब्ध कराया जा रहा पानी समय से उपलब्ध नहीं कराया जाएगा तब तक किसानों की दशा नहीं सुधर सकती। इस दिशा में कृषकों ने माँग की कि जल संसाधन विभाग 15 मई को पानी देना प्रारंभ करें एवं 20 अक्टूबर तक पानी की आपूर्ति बन्द करना सुनिश्चित करें। अनुपालक:-जल संसाधन विभाग, औरंगाबाद।
9. कृषकों ने माँग किया कि कृषि विज्ञान केन्द्र में पशुपालन के वैज्ञानिक नहीं होने के कारण कृषकों की आय का बहुत बड़ा क्षेत्र जो कि पशुपालन है जिस दिशा में सतत कार्य नहीं हो पा रहा है। अतः कृषि विज्ञान केन्द्र में पशुपालन वैज्ञानिक की नियुक्ति शीघ्र-अति-शीघ्र किया जाए।
10. निदेशक, अटारी, पटना ने निर्देश दिया कि कार्यालय के सामने से अमरूद का बगीचा हटाकर उस क्षेत्र को लॉन के रूप में विकसित किया जाए।
अनुपालक:-वरीय वैज्ञानिक एवं प्रधान, कृषि विज्ञान केन्द्र, सिरिस, औरंगाबाद एवं विषय वस्तु विशेषज्ञ (उद्यान)
11. जिला के आवश्यकतानुसार वैज्ञानिक (शस्य) खरपतवार के अलावे अन्य क्षेत्रों में भी OFT करें।
अनुपालक:- विषय वस्तु विशेषज्ञ (शस्य)
12. बगीचा को कार्यालय के उत्तर दिशा में विकसित किया जाए। अनुपालक:-विषय वस्तु विशेषज्ञ (उद्यान)

List of SAC Participants:

क्रसं	नाम	पदनाम	सदस्य	मो0 नं0
1.	डा0 अंजनी कुमार	निदेशक	अटारी, पटना	9430455677
2.	डा0 अरविन्द कुमार	निदेशक	कृषि अनुसंधान संस्थान, पटना	7549494666
3.	श्री ललीता प्रसाद	परियोजना निदेशक, आत्मा	औरंगाबाद	8084592776
4.	श्री ज्ञानचन्द मेहता	जिला उद्यान पदाधिकारी	औरंगाबाद	9431818940
5.	डा0 ब्रजेन्द्र कुमार सिंह	जिला पशुपालन पदाधिकारी	औरंगाबाद	9931539299
6.	ई0 विनय कुमार सिंह	वरीय अभियंता	सोन कमाण्ड, औरंगाबाद	9431075370
7.	श्री चन्दन कुमार	जिला परियोजना प्रबंधक	जीविका, औरंगाबाद	9771478577
8.	श्री प्रमोद कुमार सिंह	सलाहकार	जीविका, औरंगाबाद	9065511948
9.	श्री अजय कुमार चौधरी	मत्स्य प्रसार पर्यवेक्षक	औरंगाबाद	9835222080
10.	डा0 नित्यानन्द	वरीय वैज्ञानिक एवं प्रधान	कृ0वि0के0, सिरिस, औरंगाबाद	9430949800
11.	डा0 राजीव सिंह	कृषि वैज्ञानिक (शस्य विज्ञान)	कृ0वि0के0, सिरिस, औरंगाबाद	9431204379
12.	ई0 रवि रंजन कुमार	कृषि वैज्ञानिक(कृषि अभियंत्रण)	कृ0वि0के0, सिरिस, औरंगाबाद	7870482236
13.	डा0 सुनीता कुमारी	कृषि वैज्ञानिक (गृह विज्ञान)	कृ0वि0के0, सिरिस, औरंगाबाद	9471494234
14.	श्री प्रवीण कुमार	कृषि वैज्ञानिक (पादप प्रजनन)	कृ0वि0के0, सिरिस, औरंगाबाद	8709035545
15.	डा0 संगीता मेहता	कृषि वैज्ञानिक (उद्यान)	कृ0वि0के0, सिरिस, औरंगाबाद	8521845383
16.	डा0 नितीश कुमार	कृषि वैज्ञानिक (मौसम वैज्ञानिक)	कृ0वि0के0, सिरिस, औरंगाबाद	7376930497
17.	श्री दिनेश कुमार	कार्यक्रम सहायक(LAB TECH)	कृ0वि0के0, सिरिस, औरंगाबाद	8409795354
18.	श्री गुड्डु कुमार गुंजन	प्रक्षेत्र प्रबंधक	कृ0वि0के0, सिरिस, औरंगाबाद	9661955274
19.	श्री किशलय कु0 प्रभाकर	कार्यक्रम सहायक (कम्प्युटर)	कृ0वि0के0, सिरिस, औरंगाबाद	9661540784
20.	श्री अरविन्द कुमार	कनीय आशुलिपिक	कृ0वि0के0, सिरिस, औरंगाबाद	9308427198
21.	श्री राकेश कुमार	चालक	कृ0वि0के0, सिरिस, औरंगाबाद	9771313664
22.	श्री लाल बहादुर कुमार	सर्पोटिंग स्टॉफ	कृ0वि0के0, सिरिस, औरंगाबाद	8539978643
23.	श्री रणधीर कुमार	सर्पोटिंग स्टॉफ	कृ0वि0के0, सिरिस, औरंगाबाद	9128024496
24.	श्री तेज प्रताप	एस0आर0एफ0, निकरा	कृ0वि0के0, सिरिस, औरंगाबाद	9155170603
25.	श्री प्रफुल्ल कुमार सिंह	टेक्नोलॉजी एजेन्ट, सीड हब	कृ0वि0के0, सिरिस, औरंगाबाद	
26.	श्री दीपक कुमार सिंह	प्रगतिशील किसान	सिरिस, भोपतपुर, बारुण	9523292688
27.	श्री राजेन्द्र प्रसाद चौधरी	प्रगतिशील किसान	सिरिस, बारुण	8986443424
28.	श्री कन्हाई सिंह	प्रगतिशील किसान	सिरिस, भोपतपुर, बारुण	
29.	श्री युगेश्वर सिंह	प्रगतिशील किसान	सिरिस, भोपतपुर, बारुण	
30.	श्रीमति नुपुर देवी	प्रगतिशील किसान	सिरिस, भोपतपुर, बारुण	
31.	श्री विनोद कुमार सिंह	प्रगतिशील किसान	पड़रिया, देव	9931431192
32.	श्री आलोक कुमार	प्रगतिशील किसान	एकौना, ओबरा	9934909051
33.	श्री प्रदीप कुमार सिंह	प्रगतिशील किसान	चौरिया, औरंगाबाद	7061171371
34.	श्री महेश कुमार वर्मा	प्रगतिशील किसान	सरसौली, ओबरा	9934040125
35.	श्रीमति अमृता कुमारी	प्रगतिशील किसान	घोरहा, बारुण	9955792010
36.	श्री ब्रजकिशोर मेहता	प्रगतिशील किसान	चिल्खी बिगहा	9006946975
37.	श्री आलोक कुमार	प्रगतिशील किसान	चौरिया, इब्राहिमपुर	9473872041
38.	श्री मुन्ना सिंह	प्रगतिशील किसान	पड़रिया, केताकी	9006840688
39.	श्री प्रमोद कुमार	प्रगतिशील किसान	खान, नौगढ़	8002798855
40.	श्रीमति मंजू देवी	प्रगतिशील किसान	मुंशी बिगहा, बारुण	7764957522
41.	श्रीमति अनिता देवी	प्रगतिशील किसान	घोरहा, बारुण	9162137694
42.	श्री प्रफुल्ल कुमार सिंह	प्रगतिशील किसान	मारन बिगहा, मदनपुर	9939560646
43.	श्री विजय प्रकाश	प्रगतिशील किसान	भवानीपुर, देव	8340419225
44.	श्री संजीव कुमार	प्रगतिशील किसान	सिरिस, बारुण, औरंगाबाद	9631298342
45.	श्री बामेन्द्र कुमार सिंह	निदेशक, पथ प्रदर्शक	औरंगाबाद	9955427271

46.	श्री अखिलेश कु0 पाण्डेय	ए0टी0एम0	आत्मा, औरंगाबाद	9939660268
47.	श्री योगेन्द्र सिंह	प्रगतिशील किसान	सन्सा, दाउदनगर	9507258368
48.	श्री महेश कुमार	नीति आयोग	बिहटा, पटना	9334795772
49.	श्री अवध किशोर सिंह	नीति आयोग	बिहटा, पटना	8651687245
50.	श्री ध्रुव शर्मा	नीति आयोग	बिहटा, पटना	7542061361
51.	श्री उपेन्द्र सिंह	प्रगतिशील किसान	करहरा, नबीनगर	9973691844
52.	श्री शैलेन्द्र सिंह	प्रगतिशील किसान	करहरा, नबीनगर	9065038833
53.	श्री राजदेव मेहता	प्रगतिशील किसान	पोखराही, जनकोप	7764832221
54.	श्री अभियेन्द्र कुमार	प्रगतिशील किसान	करहरा, नबीनगर	9931192328
55.	श्री संदीप कुमार	प्रगतिशील किसान	बिहटा, पटना	9661188675
56.	श्री भगवान तिवारी	प्रगतिशील किसान	बिहटा, पटना	9931388688
57.	श्री राम सुरेश सिंह	वन विभाग	औरंगाबाद	8084877026
58.	श्री छुट्टन सिंह	प्रगतिशील किसान	हवसपुर, जनकोप	9102879550
59.	श्री मनोज कुमार गुप्ता	प्रगतिशील किसान	अन्खोरा, नबीनगर	9931075441

2. a. District level data on agriculture, livestock and farming situation (2018-19)

Sl. no.	Item	Information		
1	Major Farming system/enterprise	Rice -wheat		
		Rice- wheat –moong		
		Maize-oilseed-vegetable		
		Rice-Maize-Moong		
		Rice-Potato-Wheat		
		Rice-Potato-Onion		
		Rice-Potato-wheat –maize		
		Rice-Wheat-Mentha		
		Vegetable-oilseed-moong		
		Vegetable-lentil-Maize		
		Vegetable –gram-moong		
		Gram/Lentil		
2	Agro-climatic Zone	ACZ-IIIB (Middle gangatic plain north east alluvial)		
3	Agro ecological situation	Irrigated plain		
		Rain-fed plain		
		Rain-fed rocky		
4	Soil type	Clay to clay loam		
		Sandy loam, light texture soil		
		Medium to heavy soil		
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others			
S. No.	Crop	Area (ha)	Production (m tones)	Productivity (Kg/ha)
i.	Paddy	165000	462.00	2800
ii.	Maize	2400	4.92	2050
iii.	Wheat	72000	221.97	3083
iv.	Pulses	45500	39.58	870
v.	Oil Seeds	6428	3.73	580
vi.	Vegetable	1040	11.44	11000
vii.	Sugarcane	264	8.76	33200
viii.	Fruits	1679	10.07	6000

6 Mean yearly temperature, rainfall, humidity of the district				
Month	Rainfall (mm)	Temperature ⁰ C		Relative Humidity avg (%)
		Maximum	Minimum	
Apr 18	6.00	42.36	19.43	40.57
May 18	31.20	45.03	21.42	46.48
Jun 18	65.50	42.28	23.85	57.39
Jul 18	282.20	38.18	24.34	78.55
Aug 18	266.30	35.01	23.52	89.20
Sep 18	147.20	34.24	23.32	43.74
Oct 18	13.10	34.36	16.69	42.12
Nov 18	0.10	31.78	12.39	50.63
Dec 18	9.00	26.21	06.38	68.48
Jan 19	5.80	28.13	07.27	60.06
Feb 19	39.30	32.03	09.83	30.76
Mar 19	7.30	39.51	09.75	32.25
Total	873	45.03	06.38	
7 Production of major livestock products like milk, egg, meat etc.				
Category	Population	Production	Productivity	
Cattle:				
<i>Crossbred</i>	104308.00	-		
Freezien	10,411.00	-		
Jersey	58,474.00	354300 metric tons milk		
Hybrid	33,270.00	-		
<i>Indigenous</i>	1,63,506.00			
Improved Desi	8643.00	-		
Pure Desi	163369.00			
Buffalo	285777.00	-		
Poultry:				
Crossbred	2093.00	1000.00	500 egg / annum	
<i>Indigenous</i>	15388.00	5000.00	150-200 eggs/annum	
Goats	228000	4166666.00	250-300 egg/annum	
Pigs				
<i>Crossbred</i>	5911.00	-		
<i>Indigenous</i>	45089.00	-		
Rabbits	6207.00	-		
Category	Area (ha)	Production (MT)	Productivity (MT)	
Fish	-	-		

Note: Please give recent data only

2. b. Details of operational area / villages (2018-19)

Sl. No.	Name of Taluk	Name of block	Name of the vill	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Aurangabad	Deo	Padaria, Cheta Bigha	Pigeon pea paddy, Lentil, Til	Farmers used his own seed continuously from his forefather, no seed treatment	☀ Seed treatment ☀ Improved variety ☀ INM, IPM & RCT
2	Aurangabad	Deo	Bijauli Basdiha, Sadkar	Paddy, Lentil, Chickpea, Til	Farmers used his own seed continuously from his forefather, no seed treatment	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT

3	Aurangabad	Obra	Timal bigha	Paddy, Wheat, Mustard, Chickpea, Lentil, Hydrogel	Low yield in Paddy, low yield of wheat due to delay sowing, No use of sulphur, Weed problem in lentil	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT
4	Aurangabad	Obra	Menhda, Sar sauli,	Paddy, Lentil, Chick pea, Mustard, Wheat	DSR in Paddy, Infestation of weed in Lentil, Pod borer and wilt Problem in chickpea	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT
5	Aurangabad	Obra	Econna	Wheat, Lentil	Low yield of wheat due to terminal heat	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT
6	Aurangabad	Obra	Naro dehari, Ub, Godtara	Lentil, Mustard Field Pea, Chick pea	Low yield of lentil due to weed infestation and wilting Low yield of Chick pea due to weed infestation and wilting	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT
7	Aurangabad	Obra	Dehra	Wheat	Un balance use of fertilizer	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT
8.	Aurangabad	Kutumba	Suhi, Rampur	Wheat, Mustard	Un balance use of fertilizer	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT
9	Aurangabad	Aurangabad	Jhikatia	Wheat, Lentil, Chick pea, Mustard, Paddy	Low yield of Wheat due to late sowing	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT
10	Aurangabad	Madnpur	Shailwan, Shalya, Chilmhi, Loharsi	Wheat, Lentil, Paddy, Chick Pea, Field Pea Pigeon Pea	Low yield of Wheat due to late sowing Farmers used his own seed continuously from his forefather, no seed treatment	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT
11	Aurangabad	Madnpur	Paharpuran	Lentil	Low yield of Lentil due to old varieties and poor agronomic practices	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT
12.	Aurangabad	Aurangabad	Neema	Lentil	Low yield of Lentil due to old varieties and poor agronomic practices	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT
13	Aurangabad	Barun	Tendua, Bhopatpur, Mongarahi, Radhua	Lentil, Mustard Wheat Chick pea	Low yield of Lentil due to old varieties and poor agronomic practices	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT
14	Aurangabad	Obra	Aranda, Bharub	Lentil,	Low yield of Lentil due to old varieties and poor agronomic practices	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT
15	Aurangabad	Aurangabad	Yari	Paddy, Wheat, Lentil, Chick pea	Low yield in Transplanted Rice, Delayed sowing caused low yield, Wilt Problem in lentil and chick pea and pod borer in chick pea.	☀ Improved variety, ☀ soil testing, ☀ seed treatment, ☀ INM, IPM & RCT
16.	Daudnagar	Haspura	Dhamni	Wheat	Low yield of Wheat due to Unbalance use of fertilizer	☀ Unblnce use of ftz, ☀ soil testing, ☀ seed treatment, ☀ IPM & RCT

17	Aurangabad	Madanpur	Pema	Lentil	Low yield of Lentil due to use of old seed and poor agronomic management	☼ Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT.
18	Aurangabad	Obra	Chichmi	Paddy,Wheat, Mustard,Lentil	Low yield due to old and unsuitable variety for this situation	☼ Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT
19	Aurangabad	Barun	Barvadih	Paddy, Wheat, Arhar	Low yield due to old and unsuitable variety for this situation	☼ Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT
20	Aurangabad	Madanpur	Karpati	Maize, Pigeon Pea	Unsuitable Variety and high infestation of pest	☼ Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT
21	Aurangabad	Madanpur	Salaiya, Sainwa	Lentil,Paddy, Wheat, Mustard	Old varieties and labour problem	☼ Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT
22	Aurangabad	Madanpur	Mayabigha	Lentil,Paddy, Wheat, Mustard	Unsuitable variety, high infestation insect, unsuitable establishment method	☼ Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT
23	Aurangabad	Obra	Mordehri	Lentil,Paddy, Wheat, Mustard	Unsuitable variety, high infestation insect, unsuitable establishment method	☼ Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT
24	Aurangabad	Navinagar	Maiygra, Narchahi	Lentil,Paddy, Wheat, Mustard	Unsuitable variety, high infestation insect, unsuitable establishment method	☼ Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT
25	Aurangabad	Navinagar	Simri bechain	Lentil,Paddy, Wheat, Mustard	Unsuitable variety, high infestation insect, unsuitable establishment method	☼ Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT
26	Aurangabad	Navinagar	Bilaspur	Lentil,Paddy, Wheat, Mustard	Unsuitable variety, high infestation insect, unsuitable establishment method	☼ Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT
27	Aurangabad	Barun	Ghoraha, Fatepur	Lentil,Paddy, Wheat, Mustard, Til	Unsuitable variety, high infestation insect, unsuitable establishment method	☼ Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT
28	Aurangabad	Madanpur	Devjara	Lentil	Unsuitable variety, high infestation insect, unsuitable establishment method	Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT
29	Aurangabad	Madanpur	Teldiha, Koluha Bhaganbigha, Ibanpur	Lentil	Unsuitable variety, high infestation insect, unsuitable establishment method	Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT
30	Aurangabad	Barun	Parsa, Narchahi	Mustard, Lentil	Unsuitable variety, high infestation insect, unsuitable establishment method	Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT
31	Aurangabad	Navinagar	Kalapahad, Maigra, Karhara,Dev rajbigha	Lentil, Chickpea, Field pea	Unsuitable variety, high infestation insect, unsuitable establishment method	Improved variety, ☼ soil testing, ☼ seed treatment, ☼ INM, IPM & RCT

2. c. Details of village adoption programme:

Name of the villages adopted by SS&H and SMS (2018-19) for its development and action plan

Name of village	Block	Action taken for development
Bijjauli	Deo, Aurangabad	Training,FLD, OFT and clinical services
Chauriya	Aurangabad	Training, OFT on Cropping System , FLD on Lentil, chick pea, Paddy, IPNI trail, FLD on Toria, Til, CFLD Lentil, Mustard, Medicinal and Aromatic crop
Sankarpur	Obra, Aurangabad	The farmers of Adopted village Sankarpur has got the benefit of different hybrid seed of vegetables like tomato, brockli, coliflower and brinjal apart from this four farmer of this village received the fodder crop seed in kharif season while time to time technical support are also given to the farmers of the village.
Karhara	Nabinagar Aurangabad	Use of Zero tillage and sprinkler irrigation in Rabi crops. Seed treatment awareness among the farmers. Demonstration of latest variety of lentil
Siwan	Rafiganj, Aurangabad	Training on mashroom cultivation, Seed provided 12 farmers of button mashroom and oyster mashroom and time to time technical support.
Pokhrahi	Obra, Aurangabad	Training, FLD and OFT and use of ZTD machine in rabi crops

2.1 Priority thrust areas

S. No	Thrust area
1.	Resource conservation techniques in paddy –wheat cropping system
2.	Varietal changes
3.	Use of bio fertilizer and organic manure.
4.	Integrated nutrients management
5.	Integrated Pest Management.
6.	Nursery rising of floriculture.
7.	Medicinal & aromatic plants for high income return.
8.	Bee keeping and Mushroom production.
9.	Seed production of cereals oilseed, Pulses Vegetables and Spices.
10.	High Value crop Strawberry Cultivation
11.	Developing Integrated Farming System
12.	Goatry and Poultry farming system
13.	Vermi compost Production System
14.	Dairying and Fish Farming System
15.	Mushroom spawn production System

3. TECHNICAL ACHIEVEMENTS

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

OFT						FLD					
No. of technologies: 20						No. of technologies: 08					
Number of OFTs		Number of farmers				Number of FLDs		Number of farmers			
Target	Achievement	Target	Achievement			Target	Achievement	Target	Achievement		
			SC/ST	Others	Total				SC/ST	Others	Total
10	9	100	8	68	76	14	08	171	23	90	113

Training						Extension activities					
Number of Courses		Number of Participants				Number of activities		Number of participants			
Target	Achievement	Target	Achievement			Target	Achievement	Target	Achievement		
			SC/ST	Others	Total				SC/ST	Others	Total
190	244	4580	1502	5756	7258	6608	15010	25130	5590	28864	34454

Impact of capacity building											Impact of Extension activities									
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)							
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total	
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F
40	40	2	0	0	0	8	1	10	1	11	-	-	-	-	-	-	-	-	-	-

Seed production (q)					Planting material (in Lakh)				
Target		Achievement			Target		Achievement		
360.00		295.43			1.68		0.025		

Livestock strains and fish fingerlings produced (in lakh)*					Soil, water, plant, manures samples tested (in lakh)				
Target		Achievement			Target		Achievement		
-		-			0.01		0.00576		

* Give no. only in case of fish fingerlings

Publication by KVKs

Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	7	-	7	5.36	5.04	-	-
Seminar/conference/ symposia papers	7	-	-	-	-	-	-
Books	0	-	-	-	-	-	-
Bulletins	0	-	-	-	-	-	-
News letter	0	-	-	-	-	-	-
Popular Articles	3	-	-	-	-	-	-
Book Chapter	1	-	-	-	-	-	-
Extension Pamphlets/ literature	8	8000	-	-	-	-	-
Technical reports	10	-	-	-	-	-	-
Electronic Publication (CD/DVD etc)	0	-	-	-	-	-	-
TOTAL	36	8000	7	-	-	-	-

3.1 Achievements on technologies assessed and refined

O F T - 1 (2017-18)

1.	Title of On farm Trial	To evaluate the suitable cropping system of south Bihar
2.	Problem diagnosed	Low income per unit land area
3.	Details of technologies selected for refinement	TO ₁ - Farmer Practice (Rice-wheat) TO ₂ - Rice- Wheat- Moong TO ₃ - Rice- Lentil-Moong
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Directorate of Extension, BAU, Sabour Bhagalpur
5.	Production system and thematic area	Paddy-Lentil/ Wheat cropping system, Cropping intensity
6.	Performance of the Technology with performance indicators	Yield Attributing Characters, Yield(T/ha), Cost of cultivation (Rs/ha), Net Income (Rs/ha), B:C Ratio phototoxic effect on crop in days
7.	Final recommendation for micro level situation	Maximum gross income (Rs 218968/ha), net return (Rs 157318/ha) and B:C ratio were recorded with rice-lentil-moong cropping system followed by rice-wheat-moong cropping system over rice- wheat cropping system.
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Field visit and interest of farmers

Thematic area : Integrated cropping system
Problem definition : Low income per unit land area
Technology assessed : To evaluate the suitable cropping system of south Bihar.
Table :

Treatment	Replication	Yield (q/ha)			
		Rice	Wheat	Lentil	Moong
TO ₁ - Farmer Practice (Rice-wheat)	8	42.63	23.87	-	-
TO ₂ - Rice- Wheat- Moong		45.95	32.64	-	8.59
TO ₃ - Rice- Lentil-Moong		48.35	-	17.62	12.92

Treatment	Replication	Cost of cultivation					Gross Income(Rs)					Net Income(Rs)	B:C
		Rice	Wheat	Lentil	Moong	Total	Rice	Wheat	Lentil	Moong	Total		
TO ₁	8	29650	28500	0	0	58150	70340	34612	0	0	104951	46801	1.80
TO ₂		29650	28500	0	15200	73350	75818	45878	0	45540	167236	93886	2.28
TO ₃		29650	0	16500	15500	61650	79778	0	61670	77520	218968	157318	3.55

Result: Maximum gross income (Rs 218968/ha), net return (Rs 157318/ha) and B:C ratio were recorded with rice-lentil-moong cropping system followed by rice-wheat-moong cropping system over rice- wheat cropping system.

OFT - 2 (2018-19)

1.	Title of On farm Trial	To assess the mitigation of terminal heat stress in late sown wheat through foliar application of potassium nitrate (KNO ₃)
2.	Problem diagnosed	Low yield in late sown Wheat due to terminal heat stress.
3.	Details of technologies selected for assessment/refinement (Assessed)	TO ₁ - Farmer Practice (No foliar spray of KNO ₃ TO ₂ - Foliar spray of 0.5 % KNO ₃ at booting and 0.5% potassium nitrate at anthesis stage. TO ₃ - Foliar spray of 1.0 % KNO ₃ at anthesis stage.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour, Bhagalpur
5.	Production system and thematic area	Paddy-Wheat production system, Resource conservation technology
6.	Performance of the Technology with performance indicators	Yield , yield attributes and economics
7.	Final recommendation for micro level situation	Application for To ₂ - Foliar spray of 0.5 % KNO ₃ at booting and 0.5% potassium nitrate at anthesis stage.
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Field visit and interest of farmers.

Thematic area : Integrated crop management

Problem definition : Low yield in late sown Wheat due to terminal heat stress.

Technology assessed : To assess the mitigation of terminal heat stress in late sown wheat through foliar application of potassium nitrate (KNO₃).

Table :

Treatment	Replication	No. of effective tillers/m ²	No. of grains/Ear	1000 grain weight(g)
To ₁ - Farmer Practice (No foliar spray of KNO ₃)	5	198	38.56	36.58
To ₂ - Foliar spray of 0.5 % KNO ₃ at booting and 0.5% potassium nitrate at anthesis stage.		294	52.42	39.94
To ₃ - Foliar spray of 1.0 % KNO ₃ at anthesis stage.		265	50.26	38.51

Treatment	Replication	Yield (q/ha)	HI (%)	Cost of cultivation	Gross Income(Rs)	Net Income(Rs)	B:C
To ₁ - Farmer Practice (No foliar spray of KNO ₃)	5	31.25	38.35	27564	54688	27124	1.98
To ₂ - Foliar spray of 0.5 % KNO ₃ at booting and 0.5% potassium nitrate at anthesis stage.		42.75	44.23	27800	74813	47013	2.69
To ₃ - Foliar spray of 1.0 % KNO ₃ at anthesis stage.		40.68	43.18	28000	71190	43190	2.54

Results: Table revealed that maximum no. of effective tillers/m² (294) recorded with TO₂ treatment. No. of grains/Ear (52.42) and 1000 grain weight (39.94 g) were recorded maximum with TO₂ treatment. Maximum yield was recorded with (42.75 q/ha) with TO₂ treatment. Maximum net return (Rs. 47013 / ha), and BC ratio recorded maximum with TO₂ treatment.

OFT – 3 (2018-19)

1.	Title of On farm Trial	To evaluate the suitable cropping system of south Bihar
2.	Problem diagnosed	Low income per unit land area
3.	Details of technologies selected for assessment/refinement (Assessed)	TO ₁ - Farmer Practice (Rice-wheat) TO ₂ –Rice- Wheat- Moong TO ₃ –Rice- Lentil-Moong
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour, Bhagalpur
5.	Production system and thematic area	Paddy-Wheat production system, cropping intensity & Integrated cropping system
6.	Performance of the Technology with performance indicators	Yield, yield attributes and economics
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Field visit and interest of farmers.

Thematic area : Integrated cropping system
Problem definition : Low income per unit land area
Technology assessed : To evaluate the suitable cropping system of south Bihar.
Table :

Treatment	Replication	Yield (q/ha)			
		Rice	Wheat	Lentil	Moong
TO ₁ - Farmer Practice (Rice-wheat)	8				
TO ₂ –Rice- Wheat- Moong					
TO ₃ –Rice- Lentil-Moong					

Treatment	Replication	Cost of cultivation					Gross Income(Rs)					Net Income (Rs)	B:C
		Rice	Wheat	Lentil	Moong	Total	Rice	Wheat	Lentil	Moong	Total		
TO ₁	8												
TO ₂													
TO ₃													

Result: Wheat and lentil crop harvested and moong crop is standing position

OFT – 4 (2018-19)

1.	Title of On farm Trial	Water management in paddy
2.	Problem diagnose	Excess water required due to continuous standing water in paddy
3.	Details of technologies selected for assessment/refinement	TO ₁ - (Farmers practice) continuous standing water TO ₂ - Applying irrigation by alternate wet and dry method TO ₃ - Applying light irrigation
4.	No. of Replication	09 famers
5.	Source of Technology	IRRI
6.	Production system and thematic area	Rice-Wheat, water conservation
7.	Performance of the Technology with performance indicators	Water saving and yield
8.	Final recommendation for micro level situation	Applying irrigation by alternate wet and dry method in paddy cultivation
9.	Constraints identified and feedback for research	Further research also made for next year
10.	Process of farmers participation and their reaction	Field visit and interest of farmers.

Thematic area : Water Management

Problem definition : Excess water required due to continuous standing water in paddy

Technology assessed : Water management in paddy

Table :

Treatment	Replication	No. of effective tillers	No. of grain/penicle	Test wt. (1000 grain wt.)	Water saving (%)
TO ₁ - (Farmers practice) continuous standing water	5	244	186	23.62	-
TO ₂ -Applying irrigation by alternate wet and dry method		255	192	24.87	20
TO ₃ - Applying light irrigation		206	176	22.90	24

Treatment	Replication	Yield (q/ha)	Coast of cultivation (Rs)	Gross Income(Rs)	Net Income (Rs)	B:C
TO ₁ - (Farmers practice) continuous standing water	5	43.76	30335	83144	52809	2.74
TO ₂ -Applying irrigation by alternate wet and dry method		45.45	28310	86355	58045	3.05
TO ₃ - Applying light irrigation		40.21	27932	76399	48467	2.73

Result: Table revealed that maximum no. of effective tillers/m² (255) recorded with TO₂ treatment. No. of grains/Ear (192) and 1000 grain weight (24.87 g) were recorded maximum with TO₂ treatment. Maximum yield was recorded with (45.45q/ha) with TO₂ treatment. Maximum net return and BC ratio recorded with TO₂ treatment while maximum water saving (24%) found in TO₃.

OFT – 5 (2018-19)

1.	Title of On farm Trial	Assessment of suitable size of borders for wheat irrigation.
2.	Problem diagnosed	Consumption of more irrigation water and time in wheat.
3.	Details of technologies selected for assessment/refinement(Assessed)	TO ₁ - Farmer Practice – flood irrigation without ridges TO ₂ —Border irrigation with 8 m width TO ₃ - Border irrigation with 5 m width
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	DRAU, Pusa
5.	Production system and thematic area	Rice – wheat, Recourse conservation technology.
6.	Performance of the Technology with performance indicators	Water saving, yield and economics
7.	Final recommendation for micro level situation	Border irrigation in wheat with 5 m width border size saved 14% water and get more yield
8.	Constraints identified and feedback for research	Farmers easily irrigate the field.
9.	Process of farmers participation and their reaction	Field visit and interest of farmers.

Thematic area : Recourse conservation technology

Problem definition : Consumption of more irrigation water and time in wheat.

Technology assessed : Assessment of suitable size of borders for wheat irrigation.

Table :

Treatments	Replication	Saving in irrigation time (hr)	Water saving (%)	Yield (Q/ha)	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net return (Rs/ha)	B:C ratio
TO ₁ - Farmer Practice – flood irrigation without ridges	5	-	-	32.5	25800	58500	32700	2.26
TO ₂ - Border irrigation with 8 m width		2.0	8	35.5	26000	63900	37900	2.45
TO ₃ - Border irrigation with 5 m width		3.5	14	37.0	25775	66600	40825	2.58

Results: Result revealed that Border irrigation in wheat with 5 m width border size saved 14% water as well time of irrigation than flood irrigation and it was find economical than 8m border size.

OFT - 6 (2018-19)

1.	Title of On farm Trial	Assessing the performance of chillies varieties in Aurangabad District.
2.	Problem diagnose	Poor fruiting due to repeated use of privet culture.
3.	Details of technologies	TO ₁ – Privet culture (Farmers practices) NS 1101 TO ₂ – Kasi Tej TO ₃ - Pusa Anmol
4.	Source of Technology	KVK, Perambalur (T.N.)
5.	Production system and thematic area	Chilli-Sponge gourd-Potato, Varietal evaluation
6.	Performance of the Technology with performance indicators	Fruit set %, Green fruit yield, Av. Yield (q/ha), Economics etc.
7.	Final recommendation for micro level situation	Pusa Tej is good for high yield (Green fruit)
8.	Constraints identified and feedback for research	Rainfalls damage the seedling during kharif season.
9.	Process of farmers participation and their reaction	Participation through kisan choupal, Field visit and interest of farmers.

Thematic area : Varietal assessment

Problem definition : Poor fruiting due to repeated use of privet culture.

Technology assessed : Varietal Evaluation of Chilli in compression of privet practice.

Table :

Technology option	No. of trials	Plant height (cm)	Fruit length (cm)	Fruit set %	Green fruit yield Kg/Plant	Avg. Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
TO ₁ – Farmer Practice	10	75.7	4.5	70	2.2	58.2	36420	87300	50880	2.39
TO ₂ - Kasi Tej		73.2	9.6	85	3.2	98.8	37450	148200	110750	4.95
TO ₃ - Pusa Anmol		84.8	7.5	82	2.5	72.1	37250	108150	71000	2.90

Result: On the basis of above observation we find that among three genotypes. TO₂ (Kashi Tej) perform better in Average yield (98.8 q/ha) Green fruit yield/Plant (3.2 Kg / plant), fruit set % (85 %) Fruit length (9.6 cm) and BC ratio (4.95) followed TO₃ (Pusa Anmol)

OFT - 7 (2018-19)

1.	Title of On farm Trial	Study the yield performance of different genotypes of chickpea
2.	Problem diagnose	Poor performance due to repeated use of farmer's local variety.
3.	Details of technologies selected for assessment/refinement	TO ₁ – Farmers practices (Local variety) TO ₂ – PG 186 TO ₃ - GCP 105 TO ₄ - Sabour Chana 1
4.	Source of Technology	BAU Sabour
5.	Production system and thematic area	Paddy-wheat-chickpea, Varietal Evaluation.
6.	Performance of the Technology with performance indicators	Plant height, No. of branch/plant, No. of pods/plant, 100 grain wt., Avg. yield/ha & economics
7.	Final recommendation for micro level situation	Sabour chana 1 is good yield and give higher net return
8.	Constraints identified and feedback for research	Chinopodium album (Bathua) is a serious weed in chickpea
9.	Process of farmers participation and their reaction	Field visit and training of farmers.

Thematic area : Varietal Evaluation

Problem definition : Poor grain yield of local variety.

Technology assessed : Evaluation of new variety sabour chana 1 for better yield.

Table :

Technology option	No. of trials	Plant height (cm)	No. of pods/plant	No of branch/plant	100 grain wt. (gm)
TO ₁ - Farmers practices	13	40.9	25.5	4.2	13.9
TO ₂ – PG 186		48.8	41.2	5.8	20.2
TO ₃ - GCP 105		53.4	41.0	6.2	17.9
TO ₄ - Sabour chana 1		50.6	59.5	7.7	24.5

Technology option	No. of trials	yield (q/ha)	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net return(Rs./ha)	BC ratio
TO ₁ - Farmers practices	13	9.40	23970	38540	30970	1.6
TO ₂ – PG 186		14.51	23970	59491	35521	2.4
TO ₃ - GCP 105		15.06	23970	61746	37776	2.5
TO ₄ - Sabour chana 1		20.97	23970	85977	62007	3.5

Result: On the basis of above observation we find that TO₄ perform better among four genotypes with the no. of pods/plant (59.5), No. of branches / plant (7.7), 100 grain weight (24.5 gm), grain yield q/ha (20.97) and BC ratio (3.5) followed by GCP 105.

OFT - 8 (2018-19)

1.	Title of On farm Trial	Weed control in onion
2.	Problem diagnose	Production in Onion due to high incidence of weed.
3.	Details of technologies selected for assessment/refinement	TO ₁ – Farmer Practice (Hand weeding) TO ₂ – Use of Oxyflorafan 23.5 EC @ 150g a.i./ha before planting + Quizalofop ethyle 5 EC @ 200g a.i./ha after 30 DAT TO ₃ – Use of Oxyflorafan 23.5 EC @ 200g a.i./ha before planting and 1 hand weeding after 40 days
4.	Source of Technology	OUAT, Odisha
5.	Production system and thematic area	Paddy-Cauliflower-Potato, Yield increment.
6.	Performance of the Technology with performance indicators	Weed pop/m ² , Yield of bulb, Weight of bulb, net return and BC ratio
7.	Final recommendation for micro level situation	TO ₃ (Use of Oxyflorafan 23.5 EC @ 2ml / litter before planting and 1 hand weeding after 40 days) and it has given good yield as compare to other treatments
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Field visit and interest of farmers.

Thematic area : Yield increment

Problem definition : Production in Onion due to high incidence of weed.

Technology assessed : To assess the weedicide against the onion for high yield.

Table :

Technology option	No. of trials	Weed Pop/m ² (No.)		Yield of Bulb (q/ha)	Weight of 5 Bulb (Kg)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		30 DAS	60 DAS						
TO ₁ - Farmer Practice (Hand weeding)	10	75	43	140	140	68890	112000	378690	1.6
TO ₂ - Use of Oxyflorafan 23.5 EC @ 2ml / litter before planting + Quizalofop ethyle 5 EC @ 3.5 ml after 30 DAT		12	10	200	200	60656	160000	503234	2.6
TO ₃ - Use of Oxyflorafan 23.5 EC @ 2ml / litter before planting and 1 hand weeding after 40 days		10	8	230	230	53380	184000	711500	3.4

Result: Farmers has adopted TO₃ (Use of Oxyflorafan 23.5 EC @ 2ml / litter before planting and 1 hand weeding after 40 days) and it has given good yield as compare to other treatments.

OFT - 9 (2018-19)

1.	Title of On farm Trial	Effect of micronutrient on straw berry
2.	Problem diagnose	Poor quality fruit of Straw berry.
3.	Details of technologies selected for assessment/refinement	TO ₁ – Farmers practices TO ₂ – Use of CaCl ₂ (0.6%) TO ₃ – Use of FeSO ₄ (0.6%) TO ₄ – Use of ZnSO ₄ (0.6%)
4.	Source of Technology	Shere-e-Kashmir Univ. of Agril. Sc. & Technology of Jammu
5.	Production system and thematic area	Chilli-Paddy-Strawberry, INM.
6.	Performance of the Technology with performance indicators	Plant height, Plant spread, No. of flowers per plant, No. of fruits per plant, Fruit weight(g), Fruit length(cm), Fruit Vol. (cc) and Fruit self life (days)
7.	Final recommendation for micro level situation	TO ₄ (Use of ZnSO ₄ (0.6%)) as micro nutrient which resulted in good quality of strawberry fruits and self life and followed by TO ₃ (Use of FeSO ₄ (0.6%)). As compare to other treatments.
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Field visit and interest of farmers.

Thematic area : INM

Problem definition : Poor quality fruit of Straw berry.

Technology assessed : To assess the micro nutrient for good quality strawberry.

Table :

Technology option	No. of trials	Plant height (cm)	Plant Spread (cm)	No of Days for flower set/plant	1 st fruit/plant	No of fruits/plant	Fruit weight (gm)	Fruit Length (cm)	Fruit vol. (cc)
TO ₁ – Farmers practice	10	26.3	34.72	48.4	6.40	18.73	09.7	3.6	10.5
TO ₂ – Use of CaCl ₂ (0.6%)		28.4	35.90	46.0	5.90	20.10	10.4	4.0	11.7
TO ₃ - Use of FeSO ₄ (0.6%)		28.72	36.70	42.6	4.23	23.40	13.2	4.2	12.3
TO ₄ - Use of ZnSO ₄ (0.6%)		29.4	37.40	40.2	4.02	24.90	14.6	4.4	19.9

Technology option	Yield (q/ha)	Fruit shelt up(Days)	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net return(Rs./ha)	BC ratio
TO ₁ – Farmers practice	156	2.3	1643672	31,20,000	1476128	1.89
TO ₂ – Use of CaCl ₂ (0.6%)	162	2.8	1643872	32,40,000	1596128	1.97
TO ₃ - Use of FeSO ₄ (0.6%)	168	3.0	1644027	33,60,000	1715973	2.04
TO ₄ - Use of ZnSO ₄ (0.6%)	176	3.4	1644027	35,20,000	1875973	2.14

Result: Farmers has adopted TO₄ (Use of ZnSO₄ (0.6%)) as micro nutrient which resulted in good quality of strawberry fruits and self life and followed by TO₃ (Use of FeSO₄ (0.6%)). As compare to other treatments.

OFT - 10 (2018-19)

1.	Title of On farm Trial	Effect of different types of casing preparation method for Button mushroom production
2.	Problem diagnose	Low production of quality Button mushroom.
3.	Details of technologies selected for assessment/refinement	TO ₁ – Farm women practice TO ₂ – Mixture of orchard soil and vermi compost (1:1) TO ₃ – Mixture of orchard soil and 2 years old cow dung (1:1)
4.	Source of Technology	NRC Solan
5.	Production system and thematic area	Oyster – Button, Mushroom Production.
6.	Performance of the Technology with performance indicators	No. of days for casing, No. of days for fruiting , Yield and BC Ratio
7.	Final recommendation for micro level situation	To casing preparation method for good quality Button mushroom production
8.	Constraints identified and feedback for research	Maximum Button mushroom production, Net return & BC Ratio recorded with TO ₃ treatment
9.	Process of farmers participation and their reaction	Field visit and interest of Women farmers.

Thematic area : Mushroom production

Problem definition : Low income of farm women due to improper button mushroom production as well income generation of men & women.

Technology assessed : Assessment of different casing preparation method for Button mushroom production

Table :

Technology option	No. of trials	yield (kg/q compost)	Cost of compost/1.5 qt	Cost of cultivation (/ q casing material)	Total cost of cultivation	Gross return (in Rs.)	Net return (in Rs.)	BC ratio
TO ₁ – Farm women practice	10	35	1200	700	1900	5250	4550	2.76
TO ₂ – Mixture of orchard soil and vermin compost (1:1)		45	1200	410	1610	6750	6340	4.06
TO ₃ – Mixture of orchard soil and 2 years old cow dung (1:1)		48	1200	400	1600	7200	6800	4.25

Result: Maximum Button mushroom production, Net return & BC Ratio recorded with TO₃ treatment.

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year 2018-19

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	Paddy	RCT	Rajendra Sweta , Direct seeded Rice	5.00	5.00	0	8	8	
2	Paddy	IWM	Rajendra Sweta , Pendimetheline@ 3.3 lit/ha and bispayribag sodium @ 250ml/ha	5.00	5.00	0	8	8	
3	Paddy	ICM	Sabour Ardhjal, Use of new variety	5.00	5.00	4	13	17	
4	Wheat	RCT	HD 2976, Zero tillage	5.00	3.25	1	7	8	Lack of Budget
5	Mustard	Varietal Evaluation	Rajendra Suflam, Use of new variety	5.00	5.00	5	17	22	
6	Cauliflower	Off-season vegetable	Sabour Agrim, Use of New Variety	1.00	1.00	3	7	10	
7	Milky white Mushroom	Entrepreneurship Development	Spawn	10 unit	10 unit	3	7	10	
8	Button Mushroom	Entrepreneurship Development	Spawn	30 unit	30 unit	5	25	30	
Total				26.0	24.25	23	90	113	

Details of farming situation

S N	Crop	Season	Farming situation (RF/IR)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rain (mm)	rainy days
					N	P ₂ O ₅	K ₂ O					
1	Paddy	Kharif	Irrigated	Clay Loam	202.1	19.4	207.6	Wheat	26-06-18 to 01-07-18	08-11-18 to 12-11-18	774.4	66
2	Paddy	Kharif	Irrigated	Clay Loam	202.1	19.4	207.6	Wheat	26-06-18 to 01-07-18	08-11-18 to 12-11-18	774.4	66
3	Paddy	Kharif	Rainfed	Clay Loam	208.5	20.1	197.6	Lentil	01-07-18 to 07-07-18	20-11-18 to 25-11-18	774.4	66
4	Wheat	Rabi	Irrigated	Clay Loam	203.4	19.2	211.3	Paddy	20-12-18 to 30-12-18	02-04-19 to 13-04-19	61.4	21
5	Mustard	Rabi	Irrigated	Clay Loam	198.2	19.5	208.2	Paddy	10-11-18 to 30-11-18	25-03-19 to 28-03-19	61.4	21
6	Cauliflower	Kharif	Irrigated	sandy loam	130.0	217.0	136.0	Moong	25-06-18 to 10-07-18	01-11-19 to 20-11-19	774.4	66
7	Milky white Mushroom	Kharif	-	-	-	-	-	Paddy	15-05-18 to 17-05-18	20-06-18 to 25-06-18	774.4	66
8	Button Mushroom	Rabi	-	-	-	-	-	Oyster	15-11-18 to 20-11-18	20-12-18 to 28-02-19	61.4	21

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

Performance of FLD

Oilseeds:

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check(Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Mustard	Varietal Evaluation	Use of new variety	22	5.0	13.91	9.86	30.93	16350	44512	28162	2.72	15400	31552	16132	2.04
Total			22	5.0											

Cotton	-	-	-	-	-	-	-	-	-	-
Coconut	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Fodder crops	-	-	-	-	-	-	-	-	-	-
Napier (Fodder)	-	-	-	-	-	-	-	-	-	-
Maize (Fodder)	-	-	-	-	-	-	-	-	-	-
Sorghum (Fodder)	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-

Technical Feedback on the demonstrated technologies

S. No	Crop	Feed Back
1	Direct seeded rice	Direct seeding of rice reduce the production coast, increased yield and low labour intensive.
2	Use of ZTD machine in Wheat	Farmers say zero tillage technology is most profitable technologies for sowing of wheat. This technology saves water, time & labour. Farmer says this technology gives maximum return comparison to traditional method.Farmers also observed that low weed population
3	Sowing of lentil through ZTD machine	Farmers say zero tillage technology is most profitable technologies for sowing of lentil. Due to heavy rain other traditional method completely destroyed hence ZTD lentil gives 12 to 16 qt yield per ha.
4	Use of Sulphur inmustered	Farmers very happy to using sulphur in mustered because of oil content increased as well as Yield of the crop also increased.

Extension and Training activities under FLD

SL.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	26.02.19, 27.02.19, 02.03.19, 15.03.19	4	425	
2.	Farmers Training	09.04.18, 15.06.18, 19.06.18, 12.06.18, 26.06.18, 29.06.18, 11.09.18, 26.09.18, 28.09.18, 29.09.18, 30.09.18, 09.10.18, 11.10.18, 15.10.18, 24.10.18, 05.11.18, 06.11.18, 11.11.18, 15.11.18, 16.11.18, 21.11.18, 22.11.18, 23.11.18, 24.11.18, 27.11.18, 01.12.18, 03.12.18, 09.01.19, 25.03.19	29	764	
3.	Media coverage	29.09.18, 10.10.18, 07.11.18, 16.11.18, 22.11.18, 24.11.18, 28.11.18, 27.02.19, 28.02.19, 03.03.19, 16.03.19	11	-	
4.	Training for extension functionaries	29.07.18, 21.10.18, 05.11.18, 23.01.19, 24.01.19, 04.02.19, 16.02.19, 17.03.19, 29.03.19	10	300	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2018 and Rabi 2018-19:

A. Technical Parameters:

S I N O	Crop demonstrat ed	Existing (Farmer's) variety name	Existin g yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	NO. of farm ers	Ar ea 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	Pigeon pea	Bahar	16.6	2145 (-485)	1438 (+222)	2250 (-590)	NA-1 Seed20kg/ha, sulphur20kg/ha, pendimethalin @13.3L/ha,corazen@75ml/ha,neemoil 3.3L /ha,macozb+carbendazim1kg/ha,carbendazim2. 5g/kg seed ,chloropyriphos8ml/kg seed	76	30	28.65	16.79	22.76	6.11	58.28	3.45
2	Lentil	Titki	8.89	696 (+193)	916 (-27)	1100 (-211)	HUL-57 seed @40kg/ha,carbendazin@2.5g/kg seed, chloropyriphos@8ml/kg seed, pendimethalin @3.3l/ha,imezathyper@400ml/ha rahizobium 20g, PSB20g/kg seed, hilpanch 625g, imidachloropi250ml/ha,hexaconazol 500ml	79	30	19.65	11.56	14.64	110.34	59.83	-26.80
3	Chickpea	unknown	9.28	861 (+67)	958 (-30)	1250 (-322)	GCP-105 seed 80kg,carbendazim2.5g/kg seedg, chloropyriphos 8ml/kg seed,rahizobium & PSB 20g/kg seed	30	15	17.53	12.85	15.05	74.8	57.1	-24.75
	Chickpea	unknown	9.87	861 (+126)	958 (29)	1250 (-263)	PG186 seed 80kg,carbendazim2.5g/kg seedg, chloropyriphos 8ml/kg seed,rahizobium & PSB 20g/kg seed	22	13	21.45	12.84	15.14	75.84	58.04	-24.3
	Chickpea	unknown	9.87	861 (+126)	958 (29)	1250 (-263)	GNG1581 seed 80kg,carbendazim2.5g/kg seedg, chloropyriphos 8ml/kg seed,rahizobium & PSB 20g/kg seed	8	2	17.46	13.64	14.85	72.47	55.01	-38.13
4	Mustard	Kranti	10.23	736 (+287)	1100 (-77)	2000 (-977)	rajendra suflum, RH 0749 pendimethalin @3.3l/ha,sulphu@30kg/ha, imidachloropid, @250ml/ha, propenophos @2l/water carbendazim,mobomin@400g/ha	83	30	19.23	12.15	15.38	108.97	39.82	-23.10
5	Green Gram	Desi	crop	standing	position		HUM-16, seed 25kg,carbendazim2.5g/kg seedg, chloropyriphos 8ml/kg seed,rahizobium & PSB 20g/kg seed, Imidachloropid 250ml/ha, Sulphur 20kg/ha	50	20	Desi	crop	standing	position		

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	NA-1 Seed 20kg, sulphur 20kg, pendimethalin @ 13.3L, corazen @ 75ml, neem oil 3.3L, macozb+carbendazim 400g, carbendazim 2.5g/kg seed, chloropyriphos 8ml/kg seed	17500	71380	53880	4.08	19500	97868	78368	5.02
2	HUL-57 seed @ 40kg/ha, carbendazim @ 2.5g/kg seed, chloropyriphos @ 8ml/kg seed, pendimethalin @ 3.3l/ha, imezathyper @ 400ml/ha, rahizobium 20g, PSB 20g/kg seed, hilpanch 625g, imidachloropid 250ml/ha, hexaconazol 500ml	16000	42672	26672	2.67	17500	70272	52772	4.02
3	PG 186 seed 80kg, carbendazim 2.5g/kg seed, chloropyriphos 8ml/kg seed, rahizobium & PSB 20g/kg seed	18000	41454	23454	2.3	20100	63588	43488	3.16
4	GCP-105 seed 80kg, carbendazim 2.5g/kg seed, chloropyriphos 8ml/kg seed, rahizobium & PSB 20g/kg seed	18000	38976	20976	2.17	20100	63210	43110	3.14
5	GNG1581 seed 80kg, carbendazim 2.5g/kg seed, chloropyriphos 8ml/kg seed, rahizobium & PSB 20g/kg seed	18000	41454	23454	2.3	21000	62370	41370	2.97
6	rajendra suflum, RH0749 pendimethalin @ 3.3l/ha, sulphur @ 30kg/ha, imidachloropid, @ 250ml/ha, propanophos @ 2l/water carbendazim, mobomin @ 400g/ha	15100	35805	20705	2.37	15950	53844	37894	3.38

C. Socio-economic impact parameters

Sl. No	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Pigeon pea NA-1	68492	660	43	34	1660	Livelihood and sowing of next crop	87
2	Lentil HUL-57	44039	399	48	70	2410	Livelihood and sowing of next crop	49
3	Chick pea GCP-105	59871	298	42	45	1100	Livelihood and sowing of next crop	50
	Chick pea PG-186	11104	300	42	46	812	Livelihood and sowing of next crop	50
	Chick pea GNG 1581	2970	294	42	36	358	Livelihood and sowing of next crop	49
4	Mustard Rajendra suflam/ RH0749	45982	230	35	13	133	Livelihood and sowing of next crop	45

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	rajendra suflum, pendimethalin @ 3.3l/ha, sulphur @ 30kg/ha, imidachloropid, @ 250ml/ha, propanophos @ 2l/water carbendazim, mobomin @ 400g/ha	This is suitable to farming system because farmers cultivate long and medium cultivars which suitable under late sown condition. Soil of this district is low sulphur so application of sulphur resulted good yield.	This is short duration variety and stable in Paddy-Mustard system.	This is low cost technology only 30kg sulphur/ha @ Rs 55/kg total cost rs 1650/ha	There is no negative effect	Yes all farmers accept this technology	No
2	RH0749 pendimethalin @ 3.3l/ha, sulphur @ 30kg/ha, imidachloropid, @ 250ml/ha, propanophos @ 2l/water carbendazim, mobomin @ 400g/ha 100ml/acer	This is suitable to farming system because farmers who cultivate medium and short duration cultivars which suitable under timely sown condition. Soil of this district is low sulphur so application of sulphur resulted good yield.	This is long duration variety and stable in Paddy-Mustard system.	This is low cost technology only 30kg sulphur/ha @ Rs 55/kg total cost rs 1650/ha	There is no negative effect	Yes all farmers accept this technology	No

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Line Sowing in pigeon pea	Good crop growth in line sowing as compare to broad costing method	Germination is very good in line sown crop as compare to broad costing	Line sowing is better but availability of machine is difficult.
Improved variety (NA-1)	More yield resistant to wilt	Good crop growth, No wilting found in this variety over local check	This variety having profuse growth more poddin, no wilting and bold size grain. Test is also ver good.
Integretated pest management in pigeon pea	Use of Neem oil and flumendamed complitly control the leaf folder and pod borerer	Use of IPM technique produced more yield and high damage of pod in local check	Applications of flumendamed and neem oil are control the leaf folder and bod borerer. They adopt pest control in pigeon pea
Use of Pendimethalin @3.3L/ha	Pigeon pea is highly infested by weeds after the application of pendimethalin weed pressure was low at early stage of crop.	Low weed population where pendimetaline was used over no application of pendimethalin	Application of pendametaline as a pre emergence controls the weed at early stage which is help to early growth of crop at initial stage.
PG-186 Improved variety of Chickpea	High yield under late sown condition and bold seeded.	This Variety sutabile under late sown condition after harvesting of rice. Produced more yield over local variety	This variety is suitable for late sown condition.
Seed treatment in chick pea(Carbendazime@2.5g/kg seed+ Chloropyriphos@ 8ml/kg seed+ Rahizobium and PSB 500g/ha)	Seed treatment is most important in pulses, seed treatment resulted no wilting, increasing in nodule size.	After the treatment of seed ther is no wilting and nodule size was increased over local check.	Seed treatment is important practice after seed treatment wilt not accured in the field.
GCP-105 Improved variety of Chickpea	High yield under timely sown condition and bold seeded.	This Variety stabile under late sown condition after harvesting of rice. Produced more yield over local variety	This variety is suitable for late sown condition.
Seed treatment in chick pea(Carbendazime@2.5g/kg seed+ Chloropyriphos@ 8ml/kg seed+ Rahizobium and PSB 500g/ha)	Seed treatment is most important in pulses, seed treatment resulted no wilting, increasing in nodule size.	After the treatment of seed ther is no wilting and nodule size was increased over local check.	Seed treatment is important practice after seed treatment wilt not accured in the field.
RGN-1581 Improved variety of Chickpea	High yield under timely sown condition and bold seeded..	This Variety sutabile under late sown condition after harvesting of rice. Produced more yield over local variety	This variety is suitable for late sown condition.
Seed treatment in chick pea(Carbendazime@2.5g/kg seed+ Chloropyriphos@ 8ml/kg seed+ Rahizobium and PSB 500g/ha)	Seed treatment is most important in pulses, seed treatment resulted no wilting, increasing in nodule size.	After the treatment of seed ther is no wilting and nodule size was increased over local check.	Seed treatment is important practice after seed treatment wilt not accured in the field.
HUL-57, Zero tillage,	In high moisture condition sowing of lentil was delayed to 10-15 days in this situation ZT sowing is better option and produce more yield due to early sowing	ZTD sown method produced more yield proper germination, early sowing over broad costing in tilld soil.	Zero tillage technology is sutebile under late sown and timely sown situation.
Paira cropping in Lentil	In cannale area where medium and long duration varities are grows and at harvesting time very highe moisture condition prevelling only option parra cropping.	Farmers generally seeding of crop one month before harvesting of paddy. In demonstrated field seeding was done before 10-15 days of harvesting. This is resulted vary good yield.	Paira cropping as a per recommendation produced more yield. In high moisture condition this is only option after the seeding of lentil 10-15 after paddy should be harvested.
Improved Variety RH-0749	This variety was performed and produced good yield under timely sown situation. This variety is suitable for timely sown	Farmer's genraly who grows long duration variety and they produced low yield and low oil content. In this variety under timely sown condition produced more yield and more oil recovery.	RGN-48 is best variety under timelysown condition

Improved Variety Rajendra suflum	This variety was performed and produced good yield under late sown situation. This variety is also suitable for timely sown condition.	Farmer's generally grow long duration variety and they produced low yield and low oil content. In this variety under late sown condition produced more yield and more oil recovery.	Rajendra suflum is best variety under late sown condition.
IPM in Mustard	Use of Imidacloprid @ 1ml/l of water twice in 15 days interval control the aphid and produced more yield.	In demonstrated field wise application of insecticide control the insect but in farmers practice they use insecticide after the damage of crop	Imidacloprid is good to control the Aphid and produced more yield.
Use of Sulphur @30kg/ha in Mustard	Sulphur increased the oil content and yield of mustard.	Farmers not using sulphur however soil is deficit in sulphur. In demonstrated field application of sulphur @40kg/ha produced more yield and oil recovery.	Oil content and yield increased due to application of Sulphur.

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Field day	26.02-19, 27.02.19, 02.03.19,15.03.19, Ibanpur, Narchahi, Ub, Cheta bigha	425
2	Training	23.05.18, 06.06.18, 27.07.18, 05.09.18, 12.09.18, 20.10.18, 31.10.18, 15.12.19, (KVK and Off campus)	225

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

H. Farmers' training photographs

I. Quality Action 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.)
Pigeon pea	i) Critical input	243000	242910	90
	ii) TA/DA/POL etc. for monitoring	9000	9000	0
	iii) Extension Activities (Field day)	7500	7500	0
	iv)Publication of literature	10500	3833	6667
	Total	270000	263293	6757
Chick pea (Gram)	i) Critical input	162000	162000	0
	ii) TA/DA/POL etc. for monitoring	6000	3703	2297
	iii) Extension Activities (Field day)	6000	5810	190
	iv)Publication of literature	6000	700	5300
	Total	180000	172213	7787
Lentil	i) Critical input	243000	242755	245
	ii) TA/DA/POL etc. for monitoring	9000	9000	0
	iii) Extension Activities (Field day)	7500	380	0
	iv)Publication of literature	10500	6740	7542
	Total	270000	258875	11125
Mustard	i) Critical input	162000	158678	3322
	ii) TA/DA/POL etc. for monitoring	9000	7076	1924
	iii) Extension Activities (Field day)	7500	7410	90
	iv)Publication of literature	1500	1500	0
	Total	180000	174664	5336
Green Gram	i) Critical input	162000	161183	817
	ii) TA/DA/POL etc. for monitoring	6000	5800	200
	iii) Extension Activities (Field day)	6000	0	6000
	iv)Publication of literature	6000	2005	3995
	Total	180000	168988	11012

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	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	0
III. Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	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	0
IV. Livestock Production and Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairy Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any Goat farming	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Home Science/Women empowerment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	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	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	5	54	16	70	19	32	51	0	0	0	73	48	121	
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	7	170	44	214	55	13	68	0	0	0	225	57	282	
VI. Agril. Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro	4	80	0	80	25	0	25	0	0	0	105	0	105	

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	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	0
XI Agro-forestry	0	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	0
Nursery management	0	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	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	65	1514	189	1703	331	81	412	0	0	0	1845	270	2115	

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Mushroom Production	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	3	50	0	50	13	2	15	0	0	0	63	2	65	
Seed production	1	26	1	27	0	0	0	0	0	0	26	1	27	
Production of organic inputs	1	21	0	21	3	0	3	0	0	0	24	0	24	
Integrated Pest & Diseases Management	1	17	0	17	3	0	3	0	0	0	20	0	20	
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0	
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0	
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0	
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0	
Repair and maintenance of farm machinery and implements	3	63	0	63	15	0	15	0	0	0	78	0	78	
Nursery Management of Hort. crops	0	0	0	0	0	0	0	0	0	0	0	0	0	
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0	
Value addition	4	29	56	85	3	35	38	0	0	0	32	91	123	
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0	
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0	
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0	
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0	
Enterprise development	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	
TOTAL	13	206	57	263	37	37	74	0	0	0	243	94	337	

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			
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	2	50	0	50	10	0	10	0	0	0	60	0	60
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	128	2820	225	3045	651	205	856	0	0	0	3471	430	3901

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	4	44	22	66	17	14	31	0	0	0	61	36	97
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	2	41	0	41	3	0	3	0	0	0	44	0	44
Seed production	9	160	3	163	21	1	22	1	0	1	182	4	186

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any(INM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management	1	90	20	110	10	9	19	0	0	0	100	29	129	
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	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	0
d) Plantation crops	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	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	0
e) Tuber crops	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	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	0
f) Spices	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	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	0
g) Medicinal and Aromatic Plants	0	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	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	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	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairy Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any Goat farming	2	56	0	56	2	0	2	0	0	0	58	0	58	

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			
Value addition	5	54	56	110	3	35	38	0	0	0	57	91	148
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	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
TOTAL	41	716	91	807	134	57	191	1	0	1	851	148	999

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	5	83	5	88	11	2	13	0	0	0	94	7	101
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	1	20	0	20	10	0	10	0	0	0	30	0	30
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	1	20	0	20	10	0	10	0	0	0	30	0	30
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	3	73	0	73	9	0	9	0	0	0	82	0	82
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
TOTAL	10	196	5	201	40	2	42	0	0	0	236	7	243

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

Discipline / Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agronomy										
09-04-18	PF	Scientific cultivation of moong	1	On	20	0	20	3	0	3
12-04-18	PF	vermi compost production technique	1	Off	20	0	20	2	0	2
20-04-18	PF	green mannauring its impotence and uses	1	Off	21	0	21	4	0	4
09-05-18	PF	green mannauring its impotence and uses	1	Off	21	0	21	3	0	3
16-05-18	PF	Paddy nursery management	1	Off	22	0	22	5	0	5
07-06-18	PF	Paddy nursery management	1	On	22	0	22	2	0	2
13-06-18	PF	vermi compost and NADEP production technique	1	Off	40	0	40	8	0	8
19-06-18	PF	Scientif cultivation of pigeonpea	1	Off	22	0	22	1	0	1
21-06-18	PF	nursery managment and production technique of paddy	1	Off	25	0	25	3	0	3
22-06-18	PF	Scientific cultivation of moong	1	Off	38	17	55	16	9	25
29-06-18	PF	Nursery production technique of paddy	1	Off	36	0	36	4	0	4
11-07-18	PF	Scientific cultivation of paddy	1	Off	21	7	28	5	4	9
16-07-18	PF	vermi and NADEP compost production technique	1	Off	29	0	29	6	0	6
19-07-18	PF	vermi and NADEP compost production technique	1	Off	16	7	23	3	4	7
20-07-18	PF	weed management in paddy	1	Off	56	0	56	15	0	15
23-07-18	PF	Integrated nutrient management in paddy	1	Off	30	0	30	9	0	9
25-07-18	PF	Scientific cultivation of paddy in drought situation	1	Off	15	11	26	3	5	8
27-07-18	PF	Scientific cultivation of paddy in drought situation	1	Off	26	23	49	12	16	28
13-08-18	RY	Improved agro technique of paddy seed production	1	On	20	0	20	2	0	2
14-08-18	PF	weed management in paddy	1	On	22	0	22	4	0	4
20-08-18	PF	weed management in paddy	1	Off	19	5	24	3	2	5
23-08-18	PF	fertilizwer management of paddy	1	Off	30	0	30	8	0	8
31-08-18	PF	NADEP compost production technique	1	Off	20	0	20	3	0	3
23-09-18	RY	Integrated Nutrient management in crops	1	On	24	0	24	2	0	2
26-09-18	PF	Scientif cultivation of mustard	1	On	20	0	20	2	0	2
28-09-18	PF	Scientif cultivation of mustard	1	Off	21	0	21	2	0	2
29-09-18	PF	scientif cultivation of lentil	1	Off	22	0	22	3	0	3
30-09-18	PF	scientif cultivation of chickpea	1	Off	20	0	20	4	0	4
09-10-18	PF	scientif cultivation of lentil	1	Off	20	0	20	5	0	5
11-10-18	PF	Scientif cultivation of mustard	1	Off	20	0	20	2	0	2
15-10-18	PF	scientif cultivation of lentil	1	Off	20	0	20	3	0	3
24-10-18	PF	scientif cultivation of chickpea	1	Off	24	0	24	6	0	6
05-11-18	PF	scientif cultivation of lentil	1	Off	43	0	43	13	0	13
06-11-18	PF	Scientif cultivation of mustard	1	Off	57	0	57	12	0	12
11-11-18	RY	Scientific cultivation of Mustard and seed production	1	Off	23	0	23	2	0	2
15-11-18	RY	Scientific cultivation of Lentil and seed production	1	On	18	2	20	2	0	2
16-11-18	RY	Scientific cultivation of Lentil	1	On	23	0	23	4	0	4

21-11-18	PF	scientif cultivation of chickpea	1	On	43	15	58	13	6	19
22-11-18	PF	scientif cultivation of chickpea	1	On	25	0	25	0	0	0
23-11-18	RY	Scientific cultivation of Mustard and seed production	1	Off	26	1	27	0	0	0
24-11-18	RY	Scientific cultivation of Chickpea and seed production	1	Off	20	0	20	2	0	2
26-11-18	PF	NADEP compost production techniqe	1	Off	48	0	48	11	0	11
27-11-18	PF	scientif cultivation of lentil	1	Off	45	9	54	15	2	17
28-11-18	PF	NADEP compost production techniqe	1	Off	53	15	68	17	4	21
03-12-18	PF	scientif cultivation ofWheat	1	Off	48	1	49	12	0	12
04-12-18	PF	weed management in timely sown wheat	1	Off	35	1	36	8	0	8
06-12-18	PF	scientif cultivation of chickpea	1	Off	26	2	28	8	0	8
07-12-18	RY	Seed production technique of Chickpea	1	Off	20	0	20	3	0	3
14-12-18	PF	NADEP compost production techniqe	1	On	32	2	34	6	0	6
15-12-18	PF	NADEP compost production techniqe	1	Off	37	2	39	11	0	11
19-12-18	RY	Seed production technique of Wheat	1	Off	20	0	20	2	0	2
23-01-19	EF	Inter culture opration in oil seed crop	1	Off	20	0	20	2	0	2
24-01-19	EF	Inter culture opration in oil seed crop	1	Off	20	0	20	2	0	2
25-01-19	PF	vermi and NADEP compost production technique	1	Off	22	0	22	2	0	2
26-01-19	PF	Disease management in lentil	1	Off	20	0	20	3	0	3
28-01-19	PF	Disease and pest management in lentil	1	Off	20	0	20	2	0	2
30-01-19	PF	Disease and pest management in lentil under climate chang	1	Off	20	0	20	0	0	0
04-02-19	EF	Inter culture opration in oil seed crop	1	Of	20	0	20	2	0	2
06-02-19	PF	scientific cultivation of moong	1	On	20	0	20	2	0	2
11-02-19	PF	vermi and NADEP compost production technique	1	Off	24	0	24	3	0	3
15-02-19	PF	scientific cultivation of moong	1	Off	21	0	21	8	0	8
16-02-19	EF	Integrated nutrient management	1	Off	16	0	16	2	0	2
28-02-19	RY	Seed production technique of Moong	1	Off	18	2	20	3	1	4
07-03-19	PF	scientific cultivation of moong	1	Off	20	0	20	2	0	2
18-03-19	PF	vermi and NADEP compost production technique	1	Off	24	0	24	4	0	4
20-03-19	PF	scientific cultivation of moong	1	Off	20	0	20	3	0	3
23-03-19	PF	scientific cultivation of moong	1	Off	25	0	25	4	0	4
25-03-19	RY	Seed production technique of Moong	1	On	20	0	20	2	0	2
Horticulture										
06-04-18	RY	Scientific cultivation of elephant foot yam	1	Off	20	0	20	6	0	6
02-06-18	PF	Production of vegetable seedling	1	On	34	0	34	4	0	4
12-06-18	PF	Planting of fruit trees	1	Off	24	0	24	9	0	9
13-06-18	PF	IPM in fruit trees	1	Off	34	0	34	12	0	12
14-06-18	PF	Value addition of agricultural crop	1	On	32	0	32	8	0	8
26-06-18	RY	Scientific cultivation of early cauliflower	1	On	28	0	28	8	0	8

04-07-18	PF	Planting of fruit trees	1	Off	21	0	21	6	0	6
17-07-18	RY	Scientific technique for preparation of mango leather	1	On	24	0	24	0	0	0
18-07-18	RY	Scientific technique for preparation of mango squash	1	Off	25	0	25	0	0	0
19-07-18	PF	Planting of fruit trees	1	On	38	20	58	8	0	8
20-07-18	PF	Nursery management of flowers & vegetables seedling	1	Off	100	29	129	10	9	19
23-07-18	PF	Importance of nutritional garden	1	Off	90	14	104	10	4	14
24-07-18	PF	Technique of Mushroom production	1	On	102	2	104	32	0	32
29-07-18	EF	INM in fruit trees	1	Off	30	0	30	10	0	10
30-07-18	PF	Production of compost in NADEP pit	1	On	33	33	66	3	3	6
11-09-18	PF	Scientific cultivation of early vegetable	1	Off	16	0	16	3	0	3
26-09-18	PF	Scientific cultivation of early vegetable	1	On	16	0	16	3	0	3
03-12-18	PF	Technique for rearing honey bees	1	Off	51	2	53	18	2	20
04-12-18	PF	Technique of Mushroom production	1	Off	48	0	48	5	0	5
06-12-18	PF	Importance of nutritional garden & use	1	Off	22	15	37	3	15	18
13-12-18	PF	Technique for rearing honey bees	1	On	43	0	43	19	0	19
14-12-18	PF	Technique for rearing honey bees	1	On	36	0	36	0	0	0
15-12-18	PF	Importance of nutritional garden & use	1	On	47	4	51	0	0	0
18-12-18	PF	Production technique of compost in NADEP pit	1	Off	35	0	35	0	0	0
09-01-19	RY	Scientific technique of Mushroom production	1	Off	25	0	25	6	0	6
11-01-19	RY	IPM of horticultural crops	1	Off	37	9	46	7	5	12
12-03-19	PF	Nutrient management in Zaid vegetable	1	Off	25	5	30	5	0	5
16-03-19	PF	Pest Management in Zaid vegetable	1	Off	21	7	28	3	0	3
17-03-19	EF	Protected cultivation of off season vegetables	1	On	30	0	30	10	0	10
Plant Breeding										
03-04-18	PF	Seed production technique of Moong	1	On	20	0	20	9	0	9
12-04-18	PF	Scientific cultivation of Moong	1	Off	18	5	23	6	1	7
22-05-18	PF	Scientific cultivation of Kharif Maize	1	Off	21	0	21	2	0	2
28-05-18	PF	Production technique of Paddy	1	On	23	0	23	2	0	2
01-06-18	PF	Scientific Cultivation of Kharif Maize	1	Off	21	0	21	3	0	3
06-06-18	PF	Seed production of Paddy	1	On	22	0	22	2	0	2
12-06-18	PF	Weed Management in Paddy	1	Off	24	2	26	0	2	2
16-06-18	PF	Production of NADEP compost	1	Off	22	0	22	5	0	5
18-06-18	PF	Use and importance of Micro-irrigation in different crops	1	On	34	1	35	1	0	1
20-06-18	PF	Scientific cultivation of Arhar	1	On	26	0	26	4	0	4
21-06-18	PF	Scientific cultivation of Kharif Moong	1	Off	36	6	42	8	3	11
23-06-18	PF	Seed Production technique of Paddy	1	On	37	3	40	3	0	3

25-06-18	PF	Insect Pest Management in Paddy	1	Off	24	7	31	4	3	7
17-07-18	PF	NADEP compost production of seed production of paddy	1	Off	35	21	56	12	21	33
30-07-18	PF	NADEP compost production of seed production of paddy	1	Off	29	1	30	7	0	7
31-07-18	PF	NADEP compost production of seed production of paddy	1	On	20	9	29	4	9	13
06-08-18	PF	Seed production technique of Maize	1	On	17	0	17	2	0	2
09-08-18	PF	Seed Production technique of Paddy	1	On	19	0	19	1	0	1
28-08-18	PF	Insect Pest Management of Paddy	1	Off	25	0	25	4	0	4
30-08-18	RY	Insect Pest Management of Paddy	1	Off	24	1	25	2	0	2
25-09-18	RY	Scientific cultivation of pulse crop	1	Off	20	0	20	1	0	1
28-09-18	RY	Disease & Insect pest management of paddy	1	Off	25	0	25	3	0	3
22-10-18	RY	Insect Pest Management in chickpea	1	On	20	0	20	3	0	3
23-10-18	PF	Seed production technique of lentil	1	On	20	0	20	2	0	2
01-11-18	PF	Seed production technique of pulse crop	1	Off	32	0	32	3	0	3
02-11-18	PF	Seed production technique of Sarson	1	Off	26	1	27	0	0	0
20-11-18	PF	Seed production technique of Wheat	1	Off	18	3	21	2	0	2
24-11-18	PF	Seed production technique of pulse crop & wheat	1	Off	39	0	39	3	0	3
26-11-18	RY	Scientific cultivation of chick pea	1	On	15	0	15	2	0	2
05-12-18	PF	Seed production technique of late mustard	1	On	23	5	28	4	2	6
06-12-18	PF	NADEP compost production	1	On	30	2	32	1	0	1
11-12-18	PF	Technique of honey bee production	1	On	41	2	43	1	0	1
12-12-18	PF	Crop production technique of pulse & wheat crop	1	Off	26	7	33	6	2	8
13-12-18	PF	NADEP compost production	1	Off	18	0	18	0	0	0
14-12-18	PF	Technique of Mushroom Production	1	On	42	4	46	3	0	3
17-12-18	PF	Production of Honey bee	1	On	31	0	31	1	0	1
18-12-18	PF	Disease management in chick pea	1	Off	19	4	23	7	0	7
19-12-18	PF	NADEP compost production	1	Off	20	0	20	1	0	1
20-12-18	PF	Technique of Mushroom Production	1	Off	27	0	27	1	0	1
21-12-18	PF	NADEP compost production	1	Off	28	0	28	3	0	3
07-01-19	PF	Seed production of late sown wheat	1	Off	19	0	19	2	0	2
16-01-19	PF	Insect management in Sarson	1	Off	20	0	20	3	0	3
23-01-19	PF	Weed control in wheat	1	Off	25	0	25	3	0	3
05-02-19	RY	Insect Pest Control in wheat	1	Off	20	0	20	2	0	2
06-02-19	PF	Disease management in lentil	1	Off	17	1	18	2	0	2
22-02-19	PF	Weed Management in Rabi Maize	1	On	14	7	21	2	0	2

27-02-19	PF	Integrated disease & pest management in mustard & chick pea	1	On	18	0	18	2	0	2
25-03-19	PF	Disease management in chilli	1	Off	21	0	21	3	0	3
26-03-19	PF	Control measure of pod borer in chick pea	1	Off	20	0	20	2	0	2
28-03-19	PF	Seed production technique of Moong	1	Off	16	6	22	1	0	1
29-03-19	EF	Technique & methods of enhancing the productivity of field crop	1	On	18	7	25	3	2	5
Agri. Engg.										
05-04-18	PF	Use and advantage of power thresher and their operation.	1	On	15	7	22	1	1	2
13-04-18	PF	Use and advantage of modern tillage implements for summer ploughing	1	Off	21	0	21	6	0	6
19-04-18	RY	Use and advantage of different types of water pump	1	Off	20	0	20	3	0	3
04-05-18	PF	Use and advantage of drip irrigation system	1	On	21	0	21	6	0	6
11-05-18	PF	Sowing of paddy through drum seeder	1	Off	22	2	24	4	2	6
16-05-18	RY	Sowing of paddy through zero tillage machine	1	On	20	2	22	3	2	5
23-05-18	PF	Use and advantage of zero tillage machine for paddy sowing	1	On	39	1	40	6	0	6
27-05-18	PF	Use and advantage of micro irrigation system	1	On	40	0	40	11	0	11
29-06-18	PF	Use and advantage of different types of agricultural implements	1	Off	35	2	37	3	0	3
11-07-18	PF	Use and advantage of different types of water pump	1	On	22	1	23	2	0	2
12-07-18	RY	Techniques of construction of NADEP pit	1	Off	22	1	23	2	0	2
17-07-18	PF	Rainfall water conservation techniques	1	Off	21	0	21	3	0	3
26-07-18	PF	Use and advantage of micro irrigation system	1	Off	24	0	24	3	0	3
06-08-18	RY	Use and advantage of different types of sprayer machine	1	Off	26	0	26	7	0	7
13-08-18	PF	Saving of fuel in Agriculture	1	Off	24	0	24	4	0	4
18-08-18	PF	Use and advantage of reaper cum binder machine for paddy	1	On	23	0	23	4	0	4
23-08-18	RY	Techniques for production of NADEP compost	1	On	24	0	24	3	0	3
07-09-18	PF	Maintenance of agriculture implements	1	On	23	0	23	4	0	4
14-09-18	RY	Use and advantage of drip irrigation system	1	Off	35	3	38	7	0	7
19-09-18	PF	Fule saving in agriculture	1	On	21	0	21	3	0	3
27-09-18	PF	Use and advantage of reaper cum binder machine for paddy harvesting	1	Off	26	0	26	5	0	5
03-10-18	PF	use and advantage of drip irrigation system	1	Off	50	0	50	8	0	8
10-10-18	RY	Use and advantage of zero tillage machine	1	Off	21	0	21	4	0	4

21-10-18	EF	Use and advantage of harvester for paddy harvesting	1	Off	25	0	25	0	0	0
05-11-18	EF	Use and advantage of harvester for paddy harvesting	1	On	37	0	37	5	0	5
24-11-18	RY	Sowing of lentil through zero tillage machine	1	On	32	0	32	4	0	4
28-11-18	PF	Use and advantage of power thresher and their operation	1	On	39	2	41	4	1	5
29-11-18	PF	Use and advantage of sprinkler in rabi crops	1	Off	62	0	62	12	0	12
04-12-18	PF	use and advantage of sprinkler irrigation	1	Off	21	0	21	4	0	4
05-12-18	RY	Use and advantage of sprinkler irrigation system	1	On	21	0	21	4	0	4
11-12-18	PF	use and advantage of farm impliments	1	On	25	0	25	6	0	6
18-12-18	PF	use and advantage of different types of spreay machine	1	Off	22	0	22	5	0	5
23-12-18	PF	maintenance of 5 HP diesel ingne	1	Off	21	0	21	6	0	6
10-01-19	RY	Use and advantage of different types of sprayer machine	1	Off	23	0	23	8	0	8
16-01-19	PF	use of different implements for wheat harvesting	1	Off	24	0	24	6	0	6
24-01-19	PF	Use and advantage of drip irrigation system	1	Off	20	0	20	4	0	4
24-01-19	EF	Use and advantage of drip irrigation system	1	Off	20	0	20	4	0	4
25-01-19	PF	Use and advantage of multi crop thresher	1	Off	20	0	20	5	0	5
08-02-19	PF	benefits of sprinkler irrigation in oilseed and pulses crop	1	Off	21	0	21	5	0	5
12-02-19	RY	Use and advantage of different types of sprayer machine	1	On	25	0	25	7	0	7
18-02-19	PF	Use and advantage of drip irrigation system in horiculture crop	1	On	21	0	21	4	0	4
06-03-19	RY	Use and advantage of modern implements for wheat harvesting	1	Off	23	0	23	5	0	5
19-03-19	PF	use and advantage of power theresheer	1	Off	23	0	23	6	0	6
26-03-19	PF	use and advantage of dirp irrigation system	1	Off	21	0	21	5	0	5
Extn. Education										
05-06-18	PF	Integrated nutrient management in paddy	1	On	33	0	33	5	0	5
06-06-18	PF	Insect pest managemrnt in paddy	1	On	23	0	23	1	0	1
07-06-18	PF	Scientific technique for doubling farmers income	1	On	11	13	24	3	5	8
08-06-18	PF	Scientific technique for doubling farmers income through vermi composting	1	On	20	15	35	0	0	0
11-06-18	PF	Integrated nutrient management in paddy	1	On	43	17	60	13	7	20
15-06-18	PF	Scientific cultivation of Mushroom production	1	On	31	7	38	11	7	18
18-06-18	PF	Scientific technique for doubling farmers income through vermi composting	1	On	61	0	61	4	0	4

20-06-18	PF	Scientific technique for doubling farmers income through vermi composting	1	On	31	2	33	17	2	19
09-07-18	PF	Integrated nutrient management in different crops	1	On	51	3	54	11	3	14
11-07-18	PF	technique for making NADEP compost	1	On	26	0	26	0	0	0
Home Science										
03-04-18	PF	Technical information for making potato chips	1	On	18	2	20	1	0	1
12-04-18	PF	Technical information for making sago papad	1	Off	3	15	18	3	7	10
20-04-18	PF	Technical information for applying milky white mushroom	1	Off	18	2	20	7	0	7
04-05-18	PF	Technical information for making potato chips	1	Off	18	2	20	1	0	1
10-05-18	PF	Technical information for making sago papad	1	Off	3	15	18	3	7	10
18-05-18	PF	Technical information for applying milky white mushroom	1	On	18	2	20	7	0	7
05-06-18	PF	Scientific technique to make pickle of mango	1	Off	0	23	23	0	17	17
09-06-18	PF	Technical information for applying summer oyster mushroom	1	Off	26	0	26	0	0	0
11-06-18	PF	Technical information for applying summer oyster mushroom	1	Off	40	5	45	20	0	20
12-06-18	PF	Technical information for applying summer oyster mushroom	1	Off	34	0	34	1	0	1
15-06-18	PF	Technical information for applying summer oyster mushroom	1	Off	83	15	98	33	15	48
05-07-18	RY	Scientific technique of making jam and jelly of mix fruit	1	On	0	40	40	0	14	14
09-07-18	RY	Scientific technique of making jam and jelly of mix fruit	1	On	0	25	25	0	0	0
13-07-18	PF	Nadep compost production and vegetable production technique	1	Off	35	0	35	5	0	5
18-07-18	PF	Technical information for applying summer oyster mushroom	1	Off	49	6	55	9	6	15
20-07-18	PF	Nadep compost production and vegetable production technique	1	Off	37	0	37	7	0	7
23-07-18	PF	Nadep compost production and vegetable production technique	1	Off	20	5	25	10	0	10
24-07-18	PF	Technical information for applying summer oyster mushroom	1	Off	20	5	25	10	0	10
25-07-18	PF	Technical information for making guava jam	1	Off	11	10	21	6	0	6
26-07-18	PF	Technical information for applying Parali Mushroom	1	Off	30	0	30	15	0	15
14-08-18	PF	Technical information for making guava jelly	1	On	10	15	25	5	15	20
20-08-18	RY	Scientific technique of making jam and jelly of mix fruit	1	On	8	26	34	3	21	24
23-08-18	RY	Oyster mushroom production technique	1	Off	0	23	23	0	14	14

04-09-18	PF	Technical information for applying Mushroom cultivation	1	On	0	30	30	0	0	0
25-09-18	PF	Technical information for making Amla marmalada (Murabba)	1	Off	0	25	25	0	15	15
23-10-18	PF	Technical information for applying Mushroom cultivation	1	Off	0	20	20	0	0	0
25-10-18	PF	Technical information for applying Mushroom cultivation	1	Off	0	27	27	0	17	17
05-11-18	PF	Technical information for applying Mushroom cultivation	1	On	12	12	24	2	6	8
20-11-18	PF	Technical information for applying Mushroom cultivation	1	On	20	0	20	0	0	0
01-12-18	PF	Technical information for applying Mushroom cultivation	1	Off	22	3	25	7	1	8
03-12-18	PF	Oyster Mushroom cultivation	1	Off	27	4	31	1	4	5
04-12-18	PF	Information about goat rearing under integrated farming system	1	Off	33	0	33	1	0	1
06-12-18	PF	Technical information for applying Mushroom cultivation	1	Off	17	0	17	3	0	3
07-12-18	PF	Information about goat rearing under integrated farming system	1	Off	25	0	25	1	0	1
10-12-18	PF	Nadep compost production technique	1	Off	17	8	25	0	8	8
11-12-18	PF	Nadep compost production technique	1	Off	82	3	85	1	0	1
12-12-18	PF	Technical information for applying Mushroom cultivation	1	Off	40	8	48	0	0	0
05-02-19	PF	Technical information for making mushroom pickle	1	Off	17	3	20	2	0	2
20-02-19	PF	Technical information for applying Oyster Mushroom	1	Off	15	0	15	3	0	3
24-02-19	RY	Technical knowledge of mushroom production	1	Off	17	5	22	2	0	2
12-03-19	PF	Technical information for making tomato sauce	1	On	2	18	20	2	12	14
25-03-19	RY	Technique for mushroom production	1	Off	19	8	27	9	0	9

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	No. of units	Number of persons employed	
Mushroom	Mushroom Production	Mushroom production Technique	06	15	12	27	-	-	-	-
Mushroom	Mushroom Production	Mushroom production Technique	05	19	1	20	-	-	-	-
Animal Husbandry	Dairying	Dairying and milk production technique	06	40	0	40	-	-	-	-
Mushroom	Mushroom Grower	Mushroom and spawn production technique	25	17	3	20	-	-	-	-
Gardener	Assistant Gardener	Layout of new orchard, Production and management, etc	25	18	2	20	-	-	-	-
Mushroom	Mushroom Production	Mushroom production Technique	06	15	12	27	-	-	-	-

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

S N	Title	Thematic area	Month	Durat ion (days)	Client PF/R Y/ EF	No. of course s	No. of Participants										Sponsoring Agency
							Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Kharif Mahotsav	Mobilization of social capital	May18	1	PF	11	2195	208	0	1071	124	0	3266	332	0	3598	ATMA, Aurangabad
2	Production technique of Kharif crop	Croping System	Jun 18	1	PF	1	33	2	0	0	0	0	33	2	0	35	DAO Aurangabad
3	Inegrated farming system in Kharif crop	Croping system	Jun 18	1	PF	1	24	0	0	2	0	0	26	0	0	26	DAO Aurangabad
4	Value adition of Horticulture crops	Value adition	Jun 18	1	PF	2	83	12	0	12	3	0	95	15	0	110	ATMA, Aurangabad
5	Technical knowledge of making mango jam	Value adition	Jun 18	1	PF	1	46	7	0	8	2	0	54	9	0	63	ATMA, Aurangabad
6	Vermin compost production technique	Vermin compost	Jun 18	1	PF	1	51	4	0	0	0	0	51	4	0	55	ATMA, Aurangabad
7	Mushroom Production	Value addition	Jul 18	3	RY	1	33	7	0	9	1	0	42	8	0	50	ATMA, Aurangabad under KKA
8	Vermin compost production technique	Vermin compost	Jul 18	3	RY	1	47	3	0	0	0	0	47	3	0	50	ATMA, Aurangabad under KKA
9	Use and advantage of micro irrigation	micro irrigation	Jul 18	3	RY	1	34	8	0	6	2	0	40	10	0	50	ATMA, Aurangabad under KKA
10	Correct dose of fertilizer in Nutritional garden	Integrated nutrient management	Jul 18	1	PF	1	47	8	0	4	1	0	51	9	0	60	IFFCO, Aurangabad
11	Technical knowledge of making NADEP compost	Production of orgenic inpits	Jul 18	1	RY	2	89	12	0	21	4	0	110	16	0	126	DAO Aurangabad
12	Technical knowledge for prepration of orgenic Kitchen garden	Kitchen Gardening	Jul 18	1	RY	1	70	27	0	17	4	0	87	31	0	118	ATMA, Aurangabad
13	Rabi Mahotsav	Mobilization of social capital	Oct 18	1	PF	11	2578	260	0	609	94	0	3187	354	0	3541	ATMA, Aurangabad
14	Mushroom Production	Value addition	Oct 18	7	RY	1	23	2	0	4	1	0	27	3	0	30	RSETI PNB Aurangabad

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		Male	Female	Total	SC/ ST (% of total)	M	F	T	Male	Female	Total
Field Day	4	319	106	425	10	8	2	10	327	108	435
KisanMela	3	2867	955	3822	21	5	1	6	2872	956	3828
KisanGhoshi	22	1200	400	1600	19	20	4	24	1220	404	1624
Exhibition	2	1988	662	2650	18	4	1	5	1992	663	2655
Film Show	46	1251	417	1668	20	20	5	25	1271	422	1693
Method Demonstrations	7	92	31	123	13	4	0	4	96	31	127
Farmers Seminar	4	19	6	25	11	3	0	3	22	6	28
Workshop	5	1347	449	1796	21	15	5	20	1362	454	1816
Group meetings	15	215	72	287	15	20	5	25	235	77	312
Lectures delivered as resource persons	24	418	139	557	15	12	2	14	430	141	571
Advisory Services	12976	9732	3244	12976	25	80	20	100	9812	3264	13076
Scientist visit to farmers field	1437	1078	359	1437	21	40	10	50	1118	369	1487
Farmers visit to KVK	262	197	65	262	18	0	0	0	197	65	262
Diagnostic visits	42	73	24	97	11	10	2	12	83	26	109
Exposure visits	4	65	21	86	14	0	0	0	65	21	86
Ex-trainees Sammelan	2	44	15	59	10	0	0	0	44	15	59
Soil health Camp	5	117	39	156	23	10	2	12	127	41	168
Animal Health Camp	0	0	0	0	20	8	2	10	8	2	10
Agri mobile clinic	46	456	152	608	19	8	2	10	464	154	618
Soil test campaigns	4	62	21	83	18	10	2	12	72	23	95
Farm Science Club Conveners meet	6	77	25	102	15	8	2	10	85	27	112
Self Help Group Conveners meetings	8	156	52	208	16	10	2	12	166	54	220
MahilaMandals Conveners meetings	12	114	342	456	21	10	2	12	124	344	468
Kisan Choupal	42	1152	141	1293	18	27	7	34	1179	148	1327
Celebration of important days (specify)											
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	14	262	60	187	22	8	2	10	135	62	332
Mahila Kisan Diwas	1	109	42	151	19	20	30	50	129	72	201
Kisan Diwas	1	107	89	196	18	40	10	50	147	99	246
Soil Health day	1	248	108	356	22	40	10	50	288	118	406
International women day	1	406	745	1151	20	5	10	15	411	755	1166
International Yoga Diwas	1	17	4	21	19	4	1	5	21	5	26
National Nutritional week	1	0	0	0	0	0	0	0	0	0	0
World Food Day	1	84	2	86	17	8	4	12	92	6	98
Parthenium Awareness Week	4	104	20	124	14	4	2	6	108	22	130
Any Other (Live telecast of PM Modi & Other)	7	907	499	1406	21	46	8	54	953	507	1460
Total	15010	25283	9306	34454	16.22	507	155	662	25655	9461	35251

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	56
Radio talks	4
TV talks	1
Popular articles	6
Extension Literature	16
Other, if any	-

3.5 a. Production and supply of Technological products*Village seed*

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided
-	-	-	-	-	-
Total		-	-	-	-

KVK farm

Crop	Variety	Quantity of seed(q)	Value(Rs)	Number of farmers to whom seed provided
Production in 2017-18 Sale out in 2018-19				
Paddy	R. Sweta (F/S)	140.61	632745	285
	Ardhjal (T/L)	1.71	4275	3
	Shabhagi (T/L)	5.27	13175	7
Gram	GCP 15 (B/S)	45.00	-	Send to DSF, BAU, Sabour
Lentil	HUL-57 (B/S)	23.59	-	Send to DSF, BAU, Sabour
Wheat	DBW 14 (T/L)	3.18	-	Non Seed
	HD 2967 (T/L)	1.82	-	Non Seed
GrandTotal		221.18	650195	295
Production in 2018-19 Sale out in 2019-2020				
Paddy	R. Sweta (F/S)	211.13	Threshing floor Weight after harvesting.	
Paddy	Sahbhagi (F/S)	14.66		
Paddy	Ardhajal (F/S)	5.81		
Lentil	HUL 57 (F/S)	20.28		
Chickpea	GCP 105 (F/S)	40.41		
Linseed	Sabour Tisi 2 (T/L)	0.87		
Wheat	HD 2967 (T/L)	1.42		
Wheat	DBW 14 (T/L)	0.85		
Mushroom	Oyster	30 kg		
Grand Total		295.43		

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided
Vegetable seedlings				
Cauliflower	Sabour Agrim	500	1000	10
Cabbage	Pusa Mukta	500	1000	10
Tomato	Pusa Gaurav	500	1000	10
Brinjal	Rajendra Baigen 2	500	1000	10
Chilli	-	-	-	-
Onion	-	-	-	-
Others (Cucurbitacy)	Rajendra Nenua 1	500	500	10
Fruits				
Mango	-	-	-	-
Guava	-	-	-	-
Lime	-	-	-	-
Papaya	-	-	-	-
Banana	-	-	-	-
Others	-	-	-	-
Ornamental plants				
Medicinal and Aromatic	-	-	-	-
Plantation	-	-	-	-
Spices	-	-	-	-
Turmeric	-	-	-	-
Tuber	-	-	-	-
Elephant yams	-	-	-	-
Fodder crop saplings	-	-	-	-
Forest Species	-	-	-	-
Others, pl.specify	-	-	-	-
Total		2500	4500	50

Production of Bio-Products

Name of product	Quantity(Kg)	Value (Rs.)	No. of Farmers benefitted
Bio-fertilizers	-	-	-
Bio-pesticide	-	-	-
Bio-fungicide	-	-	-
Bio-agents	-	-	-
Others, please specify. Vermi compost	2000	16000	KVK
Total	200	1600	-

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted
Dairy animals				
Cows	-	-	-	-
Buffaloes	-	-	-	-
Calves	-	-	-	-
Others (Pl. specify)	-	-	-	-
Small ruminants				
Sheep	-	-	-	-
Goat	-	-	-	-

Other, please specify	-	-	-	-
Poultry				
Broilers	-	-	-	-
Layers	-	-	-	-
Duals (broiler and layer)	-	-	-	-
Japanese Quail	-	-	-	-
Turkey	-	-	-	-
Emu	-	-	-	-
Ducks	-	-	-	-
Others (Pl. specify)	-	-	-	-
Piggery				
Piglet	-	-	-	-
Others (Pl. specify)	-	-	-	-
Fisheries				
Indian carp	-	-	-	-
Exotic carp	-	-	-	-
Mixed carp	-	-	-	-
Fish fingerlings	-	-	-	-
Spawn	-	-	-	-
Others (Pl. specify)	-	-	-	-
Grand Total	-	-	-	-

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

i) Name of Seed Hub Centre: Krishi Vigyan Kendra, Aurangabad

Name of Nodal Officer :	Dr. Rajeev Singh
Address :	Krishi Vigyan Kendra, Siris, Aurangabad
e-mail :	Singhrajeev79@gmail.com
Phone No.: / Mobile :	9431204379

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Rabi 2018-19	Lentil	HUL 57	100	20.05	150	F/S, C/S
	Chickpea	PG 186	150	20.50	200	F/S, C/S
		GCP 105				F/S, C/S

iii) Financial Progress

Fund received (2017-18 and 2018-19)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2017-18	-	-	-	-
2018-19	-	-	-	-

iv) Infrastructure Development

Item	Progress
Seed processing unit	-
Seed storage structure	

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

Item	Title	Author's name	No.	Circulation
Research paper	To evaluate the suitable time of wheat (<i>triticum aestivum</i> L.) Sowing under late sown condition to avoid terminal heat stress in south Bihar.	Rajeev Singh, Nityanand, Ravi Ranjan Kr., Praveen Kumar Sunita Kumari	1	5
	Effect of lentil (<i>Lens culinaris</i> of establishment in rainfed drought <i>Lens culinaris</i>) varieties under various methods of establishment in rainfed drought-prone condition of Bihar.	Rajeev Singh, Nityanand, A.K. Singh, R. K. Sohane, R. N. Singh, Anjani Kr. Singh, Ravi Ranjan Kr. And Praveen Kumar	1	8
	Evaluation of Different Herbicide on Weed Growth, Yield Attributes, Yield and Economics on Lentil (<i>Lens culinaris</i>),	Rajeev Singh, Ravi Ranjan Kr, Praveen Kr, A. K. Singh, R. K. Sohane, R. N. Singh, Anjani Kr. Singh, Nityanand, Tej pratap & Sangita Mehta	1	10
	Varietal Evaluation of Different Genotypes of Linseed for Yield Performance in Aurangabad District of Bihar	Praveen Kumar, Rajeev Singh, Ravi Ranjan Kr., Nityanand, Dinesh Kr., R. K. Sohane, A. K. Singh and Sangita Mehta	1	8
	Strategies and Challenges in Mentha Crop Intervention against Blue Bull for Enhancing the Farmer Income.	Sangita Mehta, Praveen Kumar, Ravi Ranjan Kr., Nityanand, Dinesh Kr., R. K. Sohane, A. K. Singh And Rajeev Singh	1	8
	Social and economic empowerment of farm men and women in strawberry based entrepreneurship for sustainable income	Sangita Mehta, Praveen Kumar, Ravi Ranjan Kr, Dinesh Kumar, and Nityanand	1	5
	Effect of NPK, Rhizobium and PSB on growth and nodulation of pea (<i>Pisum Sativum</i> L.)	Sangita Mehta, Praveen Kumar, Dinesh Kumar	1	3
Seminar/conference/ symposia papers	National conference on strategies & chalanges in doubling farmers income through Horticultural Technologies in sub tropics	Dr. Sangita Mehta	1	1
	2 nd National conference on doubling farmers income for sustainable & harmonius agriculture DISHA	Dr. Rajeev Singh Dr. Sangita Mehta	1	2

	2 nd International conference on advances in agricultural biological and applied sciences for sustainable Future ABAS	Dr. Rajeev Singh Dr. Sangita Mehta	1	2
	International conference on rural livelihood improvement for enhancing farmers income through sustainable innovative agriculture & allied enterprises RLISAAe	Dr. Rajeev Singh Dr. Sangita Mehta	1	2
	National conference on bio technological initiatives for crop improvement BICI	Dr. Rajeev Singh Sri Praveen Kr. Dr. Sangita Mehta	1	3
	National conference on diversified farming system. Sustainable livelihood and doubling farmer income.	Dr. Sangita Mehta	1	1
Books	-	-	0	0
Bulletins	Gramin Krishi Mausam Sewa	Dr Nitish Kumar	2000	2000
News letter	Krishak Sandhesh (Trimashik)	Dr. Nityanand Dr. Rajeev Singh Er. Ravi ranjan Kr Dr. Sunita Kumari Mr. Praveen Kumar Dr. Sangita Mehta	2000	2000
	Krishak Sandhesh (Trimashik)	Dr. Nityanand Dr. Rajeev Singh Er. Ravi ranjan Kr Dr. Sunita Kumari Mr. Praveen Kumar Dr. Sangita Mehta	2000	2000
Popular Articles	-	-	0	0
Book Chapter	-	-	0	0
Extension Pamphlets/ literature	-	-	0	0
Technical reports	Technical report of NICRA	-	0	0
	Technical report of CFLD	-	0	0
Electronic Publication (CD/DVD etc)	Strawberry ki kheti	-	0	0
	Samekit krishi pranali	-	0	0
	Vermi compost utpandan	-	0	0
	Machhli palan	-	0	0
TOTAL			6013	6058

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	-	-	-	-	-

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

Success stories/Case studies-1

Name of farmer	Sri Amresh Singh
Address	Karamdih, Navinagar, Aurangabad
Contact details (Phone, mobile, email Id)	8521220927, 8789937116
Landholding (in ha.)	1.25
Name and description of the farm/ enterprise	Strategies and Challenges in Mentha Crop Intervention against Blue Bull for Enhancing the Farmer Income
Economic impact	Rs. 392915.00 per ha/annum
Social impact	25 farmers those who were affected by blue bull has started cultivating medicinal and aromatic crops with good income.
Environmental impact	Youth has returned back to their villages and giving entrepreneurship to poor farm men and women.
Horizontal/ Vertical spread	Farmers are accepting the practices

Sri Amresh Singh son of Sri Abdesb Singh belongs to village Karamdih, Block Nabinagar, District Aurangabad. Sri Amresh Singh has completed his studies up to Graduation in 2007. Due to lack of Job he started helping his father in agriculture sector. The father use to cultivate only cereal crops like paddy, wheat and some pulse crop (lentil and gram) which was fulfilling his family but as his family member started increasing and due to modernization the demand of family was unable to fulfil the requirement of family.

Then Sri Amresh Singh thought for vegetable cultivation during 2013-14. He started growing vegetable in half acre of land. In kharif season he started cultivating tomato. Tomato gave a good return because his tomato was exported to different places he continued this cropping pattern for a longer time. Annually a cost of cultivation is Rs. 34,223 with gross return 77,745 and earned net profit of Rs. 43,612. But suddenly the blue bull attacked started. The blue bull use to graze all the vegetable at night. They started using different tips to chase away the blue bull but the formula failed and even they started guarding at night to protect their produce from blue bull.

This blue bull comes at night in groups called herds. They shy and sensitive in nature they have good eye sight and hearing, but they don't have a good sense of smell. Sri Amresh Singh faces the blue bull problem for longer time he even visited district agriculture office for help.

After he plans to leave agriculture and he started and any other job when he came to know about Krishi Vigyan Kendra which was situated at Siris. Then he visited scientist, he narrated his whole story how he started earning good income and suddenly the disaster occurred. The blue bull use to vanish all his produced and now and he is compelled to leave agriculture because his economic condition was becoming poor and couldn't effort his family requirement then the KVK gave a new emerging idea about medicinal and aromatic cultivation [5]. But due attack of blue bull and loss in agriculture he was unable to adopt this technology but even he try to cultivate mentha crop in the 10 dismil field. He found the mentha crop is not disturbed by blue bull as well as people he got 3 cuttings from a single crop and after extraction the oil by distillation and filtration he earns good income out of 10 dismil plot then the miracle occurred. He and other farmers started cultivating mentha crop in 8 acre in 2017.

He changed his farming system by cultivating paddy in kharif season, lentil in rabi season and Mentha in zaid season. After he started cultivating Mentha crop the cost of cultivation Rs. 12,000 with gross return Rs. 1,41,000 and earned net profit Rs. 1,29,000. A single Mentha crop gave good return as compared to other crop. Throughout the year he use to earn net profit of Rs. 1,57,166.

Table 1. Before adoption of technology (One acre)

Crop	Area (Acre)	Cost of cultivation	Gross return	Net profit
Paddy	1	13,376	24,562	11,276
Wheat	0.5	5,455	9,817	4,362
Vegetable	0.5	15,392	43,366	27,974
Total		34,223	77,745	43,612

Table 2. After adoption of technology (One acre)

Crop	Area (Acre)	Cost of cultivation	Gross return	Net profit
Paddy	1	13,376	24,562	11,276
Lentil	1	4980	21,874	16,890
Mentha	1	12,000 (3 cutting)	1,41,000	1,29,000
Total	1	30,356	1,87,436	1,57,166

Table 3. Economics of 1 acre cultivation. High quality commercial cultivation of the crop age highly profitable venture for the small farmer

Sl. no.	Components	Proposed expenditure
A.	Cultivation expense	
1.	Cost of planting material	5,000
2.	Input cost	3,000
3.	Cost of labour	3,000
4.	Others (power /irrigation)	3,000
	Total	14,000
B.	Irrigation	
1.	Tubewell /submersible pump	2,25,000
2.	Sprinkler	25,000
	Total	2,50,000
C.	Infrastructure	
1.	Store and pump house	65,000
2.	Distillation unit	4,75,000
3.	Agriculture equipment	10,000
	Total	5,50,000
D.	Land preparation	
1.	Soil leveling	4,000
2.	Fertilizers	3,500
	Total	7,500
E.	Labours	3000
	Grand total	8,24,500

He sold menthe oil to Lucknow merchant and the different company of ayurveda assured him If he can provide 25000 liters of *Mentha* oil the merchant will come to farmer's place and purchase the Mentha oil. Sri Amreshsingh also motivated the other farmers toward medicinal and aromatic crop and generated employment to poor farm men and women to live happily. Even Bihar government is helping medicinal & aromatic cultivars by giving subsidy of Rs. 20,000 per hectare.



Success stories/Case studies-2

Name of farmer	Sri Alok Sharma
Address	Eccona, Obra, Aurangabad
Contact details (Phone, mobile, email Id)	7004974907
Landholding (in ha.)	10.00
Name and description of the farm/ enterprise	Inhancement of socio echnomic condition through crop divercification and farm mechanization
Economic impact	Rs. 1565800.00 per ha/annum
Social impact	He produces A ₂ milk with indegenious breed. Costome hearing of agriculture implements and seed grower of paddy wheat, lentil & chickpea.
Environmental impact	He is giving employment to 1610 man days to men and women of his village and surrounding villages
Horizontal/ Vertical spread	Farmers are accepting the practices

Sri Alok kumar is young and innovative farmer he adopted mechanized farming in Rabi crop since 2010. Earilar he uses to cultivate paddy wheat and chickpea in 25 acer of land. Cost of cultivation is Rs. 511700.00 with Net profit Rs. 855320. But when he came in contact with the scientist of KVK Aurangabad he also came in contact with mechanization. He has two harvesters which are used for custome hiring. First harvester introduced for custome hiring in 2007. He also involved in seed production of paddy, wheat and lentil. Sri Kumar cultivated paddy in 10 ha area of land and plots are irrigated by channel. 60q per ha paddy was harvested and wheat 32.0 q/ha. Regular adoption of rice wheat system productivity was reduced drastically in paddy as well as wheat. In last year he cultivate lentil in 10 acer area and use of post emergence herbicide Imezathayper @40g ai/ha resulted in yield of 18.5q/ha. Total annual income is 1565800=00per annum. through milk production seed production and custome hearing.



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

- Use of Sulphur in oilseed
- Cuscuta control in lentil and chickpea
- Zero tillage in lentil
- Zero tillage in wheat
- Weed management in Paddy
- Sprinkler irrigation
- Residue management
- Weed management in wheat
- Nutrient management in wheat
- Nutritional kitchen garden
- Mushroom cultivation
- Line sowing in Chickpea
- Cultivation of Broccoli
- Seed production in paddy & wheat
- Direct seeding in Paddy

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

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
-	-	-	-

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1.	Paddy	5	187q	8	No

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

- Through bench mark survey
- Different PRA tools
- Matrix ranking
- Demand of the extension personals

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

Sl. No	Name of the Equipment	Qty.
1	Pusa STFR Meter	1
2	Shaker	1
3	Solar plate	1

3.11. b. Details of samples analyzed so far:

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
300	276	576	576	17	0

3.11. c. Details on World Soil Day

Sl. No.	Acti vity	No. of Partici pants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1	1	164	3	1. Sri Rajesh Pratap Singh, DAO, Aurangabad 2. Sri Gyanchandra, Asst. Director Hort., Augb. 3. Sri Lalita Prasad, PD ATMA, Aurangabad	276	153

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

No of student trained	No of days stayed
16	154

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

Date	Name of the person	Purpose of visit
15/10/18	1. Smt. Nitu Singh (District councilor chairmen), Aurangabad 1. Smt. Sunita Devi, Mukhiya Bhopatpur Panchyat, Aurangabad 2. Dr. Sanjay Kumar, Pratinidhi (Dist. councilor chairman), Augb	To attend Mahila Kisan Diwas Programme
16/10/18	1. Sri Rajesh Pratap Singh, DAO, Aurangabad 2. Sri Gyanchandra, Asst. Director Hort., Aurangabad 3. Sri Lalita Prasad, PD ATMA, Aurangabad	To attend World Food day Programme
29/12/18	1. Dr. A K Singh, Director, ATARI, Patna 2. Dr. Arvind Kumar, RD ARI, Patna 3. Sri Lalita Prasad, PD, ATMA, Aurangabad 4. Sri Gyanchandra, Asst. Director Hort., Aurangabad 5. Dr. Bajendra Kumar Singh, DAHO, Aurangabad	To Attend SAC Meeting
07/03/19	1. Sri Susil Kumar Singh, MP, Aurangabad 2. Sri Rajesh Pratap Singh, DAO, Aurangabad 3. Sri Gyanchandra, Asst. Director Hort., Aurangabad 4. Sri Lalita Prasad, PD ATMA, Aurangabad 5. Dr. Surandra Kumar Chourasiya, SS&H, KVK Arwal	To Attend Pre Rabi Kisan Mela Cum Exhibition
08/03/19	1. Dr. A. K. Singh, VC, BAU, SAbour, Bhagalpur 2. Dr, R.R. Singh, Dean, AG, BAU, Saour, Bhagalpur 3. Sri Gyanchandra, Asst. Director Hort., Aurangabad 4. Sri Lalita Prasad, PD ATMA, Aurangabad	To Attend International Women's day

4. IMPACT

4.1. Impact of KVK activities (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
DSR	36	36.0	36000.00	47223.00
ZTD lentil	572	57.2	18,000.00	32,000.00
Chemical Weed management in Paddy	636	63.6	30250.00	46730.00
Ouster Mushroom	2368	85.3	56520	152480
Chemical weed management in wheat	28475	42.2	17582	35840
Use og Imezathayper in Pulse	518	6.5	27850	39784
Sprinkler irrigation in Pulses	815	7.8	25680	32840
Zero tillage in Wheat	42956	42.1	23415	32875
IFS	52	0.58	115250	845680
Seed replacement rate in paddy	58965	92.16	25450	28475
Seed treatment in crop	42156	48.15	26158	31263
Strawberry cultivation	28	0.12	150000	3200000

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
ZTD	ZTD in Wheat
Weed management	Weed management in Paddy
ZTD	ZTD in Lentil
Fruit Production	Cultivation of Papaya & Strawberry
Mushroom cultivation	Mushroom cultivation

Give information in the same format as in case studies

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

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

1. Entrepreneurship development	
Name of the enterprise	High Value Crop (Strawberry)
Name & complete address of the entrepreneur	Sri Brajkishor Mehta, village: Chilkhi bigha block: Kutumba, Aurangabad
Intervention of KVK with quantitative data support:	Strawberry Cultivation
Time line of the entrepreneurship development	5 Years
Technical Components of the Enterprise	Technical component provided by KVK
Status of entrepreneur before and after the enterprise	Previously he produce 115 qt. Strawberry now 258.00 qt. This year sri Mehta gets Rupees 10,82,960.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Strawberry sold to Kolkatta, Jharkhand & Patna.
Horizontal spread of enterprise	44 Farmers are accepting the practices.

2. Entrepreneurship development	
Name of the enterprise	Tulsi and Mentha
Name & complete address of the entrepreneur	Sri Anil Kumar singh, village: Chauriya, block: Augb
Intervention of KVK with quantitative data support:	Tulsi and Mentha cultivation
Time line of the entrepreneurship development	3 Years
Technical Components of the Enterprise	Tulsi and Mentha oil
Status of entrepreneur before and after the enterprise	Previously cultivate paddy ,wheat, lenti, chickpea and mustard. Previously they are getting net return Rs 350000 now Rs. 965600.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	This year 550L tulsi oil and 1100l menthe oil
Horizontal spread of enterprise	Farmers are accepting the practices.

3. Entrepreneurship development	
Name of the enterprise	Integrated Farming
Name & complete address of the entrepreneur	Sri Alok Kumar Singh, village: Bijjauli block: Deo, Aurangabad
Intervention of KVK with quantitative data support:	Crop production, duckry and fish culture
Time line of the entrepreneurship development	3Years
Technical Components of the Enterprise	Crop production, Duck cultivation, fishry.
Status of entrepreneur before and after the enterprise	Before Rs. 4,50,000.00/Year after Rs. 15,67,700/year
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Raw material available, skilled labour is no problem, consumer preferring his product, easily marketing. Suitable for adopting these practices
Horizontal spread of enterprise	Farmers are accepting the practices.

4. Entrepreneurship development	
Name of the enterprise	Mushroom production
Name & complete address of the entrepreneur	Sri Susma Gupta, village: Karma, block: Rafiganj, Aurangabad
Intervention of KVK with quantitative data support:	Cultivation of mushroom and ripration of mushroom products
Time line of the entrepreneurship development	5 Years
Technical Components of the Enterprise	Mushroom janjivani vati powder, Mushroom tea and other mushroom products.
Status of entrepreneur before and after the enterprise	Before Rs152300.00/ha /Year after Rs 365450.00/ ha /year
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Raw material easily available, labour is no problem, consumer preferring his product, easily marketing. Suitable for adopting these practices
Horizontal spread of enterprise	More than 21 farmers already adopted this entrepreneur and adoption markedly increased within year.

5. Entrepreneurship development	
Name of the enterprise	Repairing of farmer empliment
Name & complete address of the entrepreneur	Sri Santosh Kumar,: Tengra, Barun, Aurangabad
Intervention of KVK with quantitative data support:	Repairing of farmer empliment
Time line of the entrepreneurship development	5Years
Technical Components of the Enterprise	Repairing and farm empliment
Status of entrepreneur before and after the enterprise	Before Rs 81450.00/Year after Rs. 380450.00 / year
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Raw material easily available, labour is no problem, large no of farme implement available for repairing.
Horizontal spread of enterprise	More than 10 farmers already adopted this entrepreneur and adoption markedly increased within year. Farmers are also repair own machines.

6. Entrepreneurship development	
Name of the enterprise	Flower cultivation and Service provider
Name & complete address of the entrepreneur	Sri Abhishek Kumar, village: Barauli block: Barun, Aurangabad
Intervention of KVK with quantitative data support:	Cultivation of Zerbera and gladeolous
Time line of the entrepreneurship development	3 Years
Technical Components of the Enterprise	Saleing of flower
Status of entrepreneur before and after the enterprise	Before Rs75,000.00/Year after Rs 17,71,360.00 / year
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Raw material available, skilled labour is problem, consumer preferring his product, easily marketing. Suitable for adopting these practices
Horizontal spread of enterprise	Farmers are accepting the practices.

4.6 Any other initiative taken by the KVK

- To promote crop residue management
- To promote exotic vegetable cultivation
- To promote the conservation agriculture
- To promote drip and sprinkler in Rabi and vegetable crops
- Low cost polytunnel for seedling production of cucurbits

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
ATMA	Training
District Agriculture office	Training
District Horticulture office	Training
Soil conservation office	Training
NABARD	Training
District Animal husbandry office	Training
NGO	Training
Punjab National Bank	Training

5.2. List of special programmes undertaken during 2018-19 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies (information of previous years should not be provided)

a) Programmes for infrastructure development

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

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

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
ICAR Skill Development training	Training for Rural Youth	02 nd Jan 19 to 26 th Jan 19	ICAR	165200.00
ICAR Skill Development training	Training for Rural Youth	28 th Jan 19 to 21 st Feb 19	ICAR	165200.00
Pre Rabi Kisan Mela Cum Exhibition	Awareness to Doubling income and vision of govt. scheme in agricultural sector	07 th Mar 19	ICAR	80000.00

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1. Performance of demonstration units (other than instructional farm)

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
-	-	-	-	-	-	-	-	-	-
Total				-	-	-	-	-	-

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	05-10.06.18	15-25.11.18	6.0	R. Sweta	(F/S)	211.13	385000	-	Seeds are not sold
Paddy	20.06.18	20-25.10.18	0.1	Sahbhagi	(F/S)	14.66		-	
Paddy	20.06.18	20-25.10.18	0.1	Ardhajal	(F/S)	5.81		-	
Lentil	18-30.11.18	14-20.03.19	3.0	HUL 57	(F/S)	20.28	251000	-	
Gram	02-10.12.18	25-30.04.19	4.0	GCP 105	(F/S)	40.41		-	
Linseed	30.11.18	20.03.19	0.1	Sabour Tisi 2	(T/L)	0.87	-	-	
Wheat	25-30.12.18	15-16.04.19	0.2	HD 2967	(T/L)	1.42	-	-	
Wheat	25-30.12.18	15-16.04.19	0.2	DBW 14	(T/L)	0.85	-	-	

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

Sl.No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1	Vermi compost	2 ton	10000	16000	-

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	
-	-	-	-	-	-	-	-

6.5. Utilization of hostel facilities

Accommodation available (No. of beds - 30)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Aug to Dec 18	16	150	-
January 19	20	25	-
February 19	20	25	-
Total	56	200	-

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: Yes

No. of staff quarters: 6

Date of completion: December 2011

Occupancy details: Not in use. Due to this site of staff quarters plinth area is 2 fit low from road so that in rainy season 2fit water logged that area from July to November so communication is completely blocked since December 2011. If ICAR provides us 8 – 10 lakh rupees for site development staff quarters can be used by the scientist and other staffs.

Months	Q I	Q II	Q III	Q IV	Q V	Q VI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
KVK, Main Account	PNB, Aurangabad	MG Road, Aurangabad	0502002100014896
Revolving fund	PNB, Aurangabad	MG Road, Aurangabad	0502000100276159
NICRA	PNB, Aurangabad	MG Road, Aurangabad	0502000100341091
ICARDA	PNB, Aurangabad	MG Road, Aurangabad	0502000100374211
NHM	MBGB, Siris, Aurangaabd	Main bajar, Siris, Aurangabad	71280100044292
Seed Hub	PNB, Aurangabad	MG Road, Aurangabad	05020001004214731

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

Item	Released by ICAR		Expenditure		Unspent balance as on -1 st April 2019
	Kharif	Rabi	Kharif	Rabi	
Mustard	-	68400	-	174664	-106264

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2019
	Kharif	Rabi	Kharif	Rabi	
Pegion Pea	270000	-	263243	-	6757
Lentil	-	270000	-	258875	11125
Chick Pea	-	180000	-	172213	7787
Green Gram	-	180000	-	168988	11012

7.4. Utilization of KVK funds during the year 2018-19 (Audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	9875000	9875000	9347894
2	Traveling allowances	180000	180000	179914
3	HRD	30000	30000	29000
4	Contingencies			
A	Stationary, Tele., Postage, POL, Hired Vehicle	545000	545000	545000
B	Training of Farmers			
C	Training material	225000	225000	224371
D	Training of Ext. Functionaries			
E	Training of Rural Youth			
F	FLD	50000	50000	47887
G	OFT	75000	75000	72629
H	Soil and Water testing Lab.	0	0	0
I	Maintanance of Building	50000	50000	49256
J	Extension activities/ Kisan Mela etc.	25000	25000	23244
K	Renovation of KVK	250000	250000	250000
L	SCSP General	150000	150000	10500
TOTAL (A)		11455000	11455000	10779695
B. Non-Recurring Contingencies				
1	Works	1000000	1000000	1000000
2	Vehicle	0	0	0
3	Equip. & Fur.	350000	350000	350000
4	IT	0	0	0
5	SCSP Capital	150000	150000	149900
TOTAL (B)		1500000	1500000	1499900
C. REVOLVING FUND		0	0	0
GRAND TOTAL (A+B+C)		12955000	12955000	12279595

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2016-17	10.07	11.83	9.70	12.20
2017-18	12.20	15.42	10.70	16.93
2018-19	16.93	7.86	15.82	8.97

7.6. (i) Number of SHGs formed by KVKs: 12 SHGs formed by KVKs

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

(iii) Details of marketing channels created for the SHGs: NA

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both
Kharif Mahotsav	11	Kharif	-----	-----	Yes
Rabi mahotsav	11	Rabi	-----	-----	Yes
Kharif workshop	1	Kharif	-----	-----	Yes
Mushroom production Training	2	Kharif & Rabi	Yes	-----	-----
FPO training	1	Kharif	Yes	-----	-----
Rural youth training	3	Kharif & Rabi	-----	Yes	-----
Training on Nutritional Garden	1	Rabi	Yes	-----	-----

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
-	-	-	-	-	-

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)
-	-	-	-	-	-

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

9.3. M Kisan Portal (National Farmers' Portal/ SMSPortal)

Type of message	No. of messages	No. of farmers covered
Crop	264	1837
Livestock	37	1837
Fishery	0	0
Weather	37	1837
Marketing	0	0
Awareness	264	1837
Training information	0	0
Other	0	0
Total	602	7348

9.4. KVK Portal and Mobile App

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

9.5. a. Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken
15/09/18 to 02/10/18	Awareness programme, Cleaning In and Out campus of Administrative building, Training, Cleaning of public place, etc.

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	-	-
2. Basic maintenance	5	-
3. Sanitation and SBM	9	-
4. Cleaning and beautification of surrounding areas	8	-
5. Vermicomposting/Composting of biodegradable waste management & other activities on generate of wealth for waste	-	-
6. Used water for agriculture/ horticulture application	-	-
7. Swachhta Awareness at local level	4	-
8. Swachhta Workshops	-	-
9. Swachhta Pledge	1	-
10. Display and Banner	8	-
11. Foster healthy competition	-	-
12. Involvement of print and electronic media	2	-
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	5	-
14. No of Staff members involved in the activities	15	-
15. No of VIP/VVIPs involved in the activities	2	-
16. Any other specific activity (in details)	-	-
Total	59	-

9.6. Observation of National Science day

Date of Observation	Activities undertaken
-	-

9.7. Programme with SeemaSurakshaBal (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
-	-	-	-

Give good quality 1-2 photograph(s)

9.9. Details of 'Pre-Rabi Campaign' Programme

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
07/03/19	0	1	0	0	0	0	1	1251	12	1263	Yes	No

9.10. Details of Swachhta Hi Sewaprogramme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Cleaning and beautification of surrounding areas	5	85	0	-
2	Swachhta Awareness at local level	3	142	2	<ul style="list-style-type: none"> ➤ Dr. Sanjay Kumar, Pratinidhi (Dist. councilor chairman), Augb ➤ Dr. Surendra Kumar, Pratinidhi (District councilor), Augb.
3	Swachhta Pledge	1	30	0	-

9.11. Details of MahilaKisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Awareness programme for women farmers	25	151	4	<ul style="list-style-type: none"> ➤ Smt. Nitu Singh (District councilor chairmen), Aurangabad ➤ Smt. Sunita Devi, Mukhiya Bhopatpur Panchyat, Aurangabad ➤ Dr. Sanjay Kumar, Pratinidhi (Dist. councilor chairman), Augb ➤ Dr. Surendra Kumar, Pratinidhi (District councilor), Augb.

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

SN	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1	Sri Brij Kishor Mehta	Chilkhighbigha, Kutumba, Aurangabad, 9006946975	Strawberry ki kheti se Samridh bane Kisan
2	Sri Alok Sharma	Eccona, Obra, Aurangabad, 9934909051	Fasal Bibhadrhikaran awam yantrikaran se aay doguni Karen
3	Sri Shyam bihari Kesari	Pema, Madanpur, Aurangabad, 7050546152	Samekit krishi parnali awan navintam takniqiyon se samridh bane kisan
4	Sri Abhisek Kumar	Baraoli, Barun, Aurangabad, 9798346031	Phool ki kheti se swablambi bane kisan
5	Sri Ranjit Kumar Singh	Karma Bhagwan, Aurangabad, Aurangabad, 9934171827	Madhumakhi palan se aay ke sath sath faslon ke utpadan me birdhi Karen
6	Sri Satyendra Kr. Mehta	Chandoli, Madanpur, Aurangabad, 9122342067	Papita ki kheti aay ka uttam srot
7	Md. Kalimuddin	Nehuta, Aurangabad, Aurangabad, 7277012023	Vermi compost utpadan dwara mitti ke sath sath aarthik ko sudridh Kare
8	Smt. Poonam singh	Yari, Aurangabad, Aurangabad, 9431263666	Samekit krishi parnali apnakar aarthik rup se saksham bane
9	Sri Alok Singh	Bijoli, Deo, Aurangabad, 9431085041	Samekit krishi parnali apna kar swablambi bane
10	Smt. Susma Gupta	Karma, Rafiganj, Aurangabad, 9504528495	Mushroom me mule sambardhan swablambi bani mahila kisan
11	Sri Anil Kumar Singh	Pipra, Obra, Aurangabad, 9006964433	Samekit krishi parnali awam Krishi adharit wabsay apna kar ghari saphalta
12	Sri Birendra Kumar	Parsa, Navinagar, Aurangabad, 9430442678	Fish Cultivation and rearing
13	Sri Srikant Singh	Khakhara, Deo, Aurangabad, 9905451162	Vermi compost utpadan dwara mitti ke sath sath aarthik ko sudridh Kare

9.13. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Kisan Ghar	40000	ICAR Skill Devlopment

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
3 rd December 2011	NICRA	Not functioning
14 th October 2013	Ministry of new and renewable energy	Good

9.16. Contingent crop planning

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

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

a) Year:

b) Introduction / General Information:

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

11. Details of TSP

a. Achievements of physical output under TSP during 2018-19

Programmes	Physical achievements
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	-
On-farm trials (Number)	-
Frontline demonstrations (Number)	-
Farmers training (in lakh)	-
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)	-
No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	-

b. Fund received under TSP in 2018-19 (Rs. In lakh): NA

c. Achievements of physical outcome under TSP during 2018-19

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

d. Location and Beneficiary Details during 2017-18

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

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

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks
Water harvesting and recycling for supplemental irrigation	-	-	80	73	-
Conservation tillage	-	-	12	18	-
Water saving irrigation methods	-	-	45	39	-
Crop residue incorporation instead of burning	-	-	5	6	-

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted	Remarks
Short duration varieties demonstration	20.5	82	-
Drought tolerance Varieties demonstration	2.25	8	-
advancement of planting dates of rabi crops in areas with terminal heat	6.5	26	-
Weed management in paddy	4.0	10	-
Sowing of moong for increasing crop intensity	12	35	-
Improved variety of Lentil	11	44	-
Improved variety of chick pea	10.25	41	-



Livestock and fisheries

Name of intervention undertaken	Number of animal covered	Number of units	Area (ha)	No of farmers covered / benefitted	Remarks
Introduction of improved breed	-	15	-	14	-
Improved feeding like location specific mineral mixture or mineral bricks	-	190	-	155	-
Improved feeding like location specific calcium	-	212	-	200	-

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks
Custom hiring centre	72	-	31	-
Climate literacy through a village level weather station	68	-	68	-

17. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	High Value Crop	<ul style="list-style-type: none"> ➤ Irrigation & fertigation through drip irrigation system. ➤ Mulching with plastic sheet. ➤ Value addition of discarded fruits 	1875973	60	
2	Integrated Farming System	<ul style="list-style-type: none"> ➤ Fish farming. ➤ Dairy. ➤ Value addition of milk. 	2015500	35	



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

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

19. Information on Visit of Ministers to KVKs, if any

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
24-8-17	Sri Upendra Kushwaha	HRD Minister state, Government of India	<ul style="list-style-type: none"> ➤ KVK, Aurangabad working nice work for farmer community ➤ KVK scientist easily available to solve the problem of farmer community

20. a) Information on ASCI Skill Development Training Programme, if undertaken during 2017-18 and 2018-19

Year	Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants	Whether uploaded to SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2016-17	-	-	-	-	-	-	-
2017-18	Quality seed grower	Dr. Rajeev Singh & Mr. Praveen Kr.	01/11/2017	30/11/2017	30	Yes	238088
	Gardener	Dr. Nityanand & Dr. Sangita Mehta	01/12/2017	16/01/2018	30	Yes	326351
2018-19	Mushroom Grower	Dr. Sunita Kumari & Mr. Dinesh Kr.	02/01/2019	26/01/2019	20	Yes	163046
	Assistant Gardener	Dr. Nityanand & Dr. Sangita Mehta	28/01/2019	21/02/2019	20	Yes	161100

b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2018-19

Thematic area of training	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	
-	-	-	-	-	-	-	-	-	-	-	-	-

21. Information on NARI Project (if applicable) No

Name of Nodal Officer	No. of OFT on specified aspects	Title(s) of OFT	No. of FLD on specified aspects	No. of capacity development programme on specified aspects	Total no. of farm women/ girls involved in the project	Details of Issues related to gender mainstreaming addressed through the project
-	-	-	-	-	-	-

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

Krishi Kalyan Abhiyan- I and II

A. Training

Name of programme	No. of programmes	No. of farmers benefitted									No. of officials attended the programme
		SC		ST		Others		Total			
		M	F	M	F	M	F	M	F	T	
KKA-I	80	509	108	0	0	2933	991	3442	1099	4541	175
KKA-II	14	124	84	0	0	279	120	403	204	607	48

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

Name of programme	No. of Programme	Total quantity distributed				No. of farmers benefitted									No. of other officials (except KVK) attended the programme
		Seed (q)	Planting material (lakh)	Input (kg)	Other (kg/ No.)	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
KKA-I	25	208	0.125	0	0	908	278	0	0	1984	705	2892	983	3875	59
KKA-II	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

C. Livestock and Fishery related activities

Name of programme	No. of Programme	Activities performed				No. of farmers benefitted									No. of other officials (except KVK) attended the programme
		No. of animals vaccinated	No. of animals dewormed	Feed/ nutrient supplements provided (kg)	Any other (Distribution of animals/ birds/ fingerlings)[No.]	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
KKA-I	25	6573	0	0	0	1183	747	0	0	3654	989	4837	1736	6573	81
KKA-II	23	6043	0	0	0	1664	560	0	0	3021	798	4685	1358	6043	60

D. Other activities

Name of programme	Activities	No. of farmers benefited									No. of other officials (except KVK) attended the programme
		SC		ST		Others		Total			
		M	F	M	F	M	F	M	F	T	
KKA-I	Soil Health Card Distributed	1530	676	0	0	3457	1548	4987	2224	7211	37
	NADEP Pit established	27	12	0	0	197	64	224	76	300	15
	Farm implements distributed	0	0	0	0	0	0	0	0	0	0
	Others, if any	0	0	0	0	0	0	0	0	0	0
KKA-II	Soil Health Card Distributed	0	0	0	0	0	0	0	0	0	0
	NADEP Pit established	0	0	0	0	0	0	0	0	0	0
	Farm implements distributed	0	0	0	0	0	0	0	0	0	0
	Others, if any	0	0	0	0	0	0	0	0	0	0

Krishi Kalyan Abhiyan- III

No. of villages covered	No. of animal inseminated	No. of farmers benefitted									Any other, if any (pl. specify)
		SC		ST		Others		Total			
		M	F	M	F	M	F	M	F	T	
100	1166	145	18	0	0	907	96	1052	114	1166	-

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

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants
1	GKMS	2018-19	KVK, Aurangabd	Weather forecasting	5000

GKMS 2018-19

Introduction:

Agromet advisory rendered by IMD, MOES is a step to contribute weather information based crop/livestock management strategies and operations dedicated to enhancing crop production and food security. At present IMD in collaboration with ICAR is venturing into implementation of block level agro met advisory service through KVK under Gramin Krishi Mausam Sewa (GKMS). It has made a tremendous difference to agricultural production by taking advantage of benevolent weather and minimizing its adverse impact. The weather information and related agromet advisories help the farmers to take day to day decisions such as, selection of crop and varieties for sowing, undertaking intercultural operations, application of irrigation and plant protection measures, undertaking mulching for conservation soil moisture and harvesting of crop. This programme is running with the objective.

- (1) To prepare agro met advisory bulletins for farmers and stakeholders regarding weather sensitive agricultural operations to mitigate weather based risk on crop cultivation.
- (2) To impart training to the farmers about climate change and its mitigating options.

S.N	Name of Institution/KVK	District	No. of Blocks for which Agromet Advisory is Prepared
1	Siris, Aurangabad	Aurangabad	11

ACTIVITIES:

A. Farmer's Awareness programme (FAP's):

Introduction:

Farmer's awareness programme was organized with the objective of better understanding of block level agromet advisory service among the farmers. These programmes are very useful in effective preparation of bulletins and taking feedback from the farmers regarding its effectiveness. Aurangabad DAMU (Center) on regular basis organizing such programmes, so that maximum farmers can be beneficial from this service. Apart from organizing 'FAP' the information is also shared through different farmer's interactive programmes like Kisan Chaupal, Kisan Goshthi, Kisan Mela.

S.N	Name of Institution/KVK	No. of FAP's organized during 2018-2019
1	Siris, Aurangabad	16

B. Agro met advisory bulletin published/prepared:

S.N	Name of Institution/KVK	No. advisory bulletin published/prepared during 2018-2019
1	Siris, Aurangabad	37

C. Dissemination:

The advisory is prepared every Tuesday and Friday and Disseminated through different channels among the farmers.

S.N	Name of Institution/KVK	No. of farmers receiving agro met advisory bulletin through social media/Whats' app group	No. of farmers receiving agro met advisory bulletin through M-Kishan Portal.
1	Siris, Aurangabad	Newspaper/1837	5000

D. Good Quality Photographs

गया, गुरुवार
7.02.2019

प्रभात खबर | 06

कृषि विज्ञान केंद्र सिरिस में शुरू हो रही नयी तकनीक

मौसम के कुप्रभाव से फसलों को बचाने में सक्षम हो सकेंगे किसान

प्रतिनिधि > मदनपुर

सुखाड़, ओंघी, तूफान और चक्रवात जैसी आपदाओं के पूर्वानुमान से किसान अपनी फसल पर होनेवाले प्रभाव को रोक सकेंगे. कृषि विज्ञान केंद्र सिरिस में शुरू हो रही इस नई तकनीक जिले भर के किसानों के लिए बरदान साबित होगा. इस तकनीक की बदौलत किसान समय रहते अपनी फसलों को सुरक्षित कर सकेंगे. कृषि विज्ञान केंद्र व इंडियन मेटेरोलॉजिकल डिपार्टमेंट के संयुक्त पहल से कृषकों को सप्ताह में दो दिन मौसम के पूर्वानुमान की जानकारी मिल सकेगी. कृषि विज्ञान केंद्र के मौसम वैज्ञानिक डॉ नीतीश कुमार ने इस जिम्मेदारी को संभाल लिया है. विभाग द्वारा शुरू किये गये इस अभियान में फिलहाल काटसपर ग्रुप के जरिये सभी प्रखंड कृषि कार्यालयों को सप्ताह के मंगलवार और शुक्रवार को मौसम के पूर्वानुमान की जानकारी उपलब्ध करायी जा रही है. किसानों तक यह जानकारी फैलाने के लिए कृषि विभाग एवं जनप्रतिनिधियों का भी सहयोग लिया जायेगा. मौसम का पूर्वानुमान के साथ कृषि परामर्श की महत्वपूर्ण सूचनाएं किसानों तक एसएमएस काटसपर एवं ईमेल के जरिये भी पहुंचाई जा सकेंगी.



इन चीजों की मिलेगी जानकारी

वर्षापत, बादल, अधिकतम और न्यूनतम तापमान, अधिकतम और न्यूनतम आर्द्रता, वायु की दिशा, वायु का वेग.

खेतों में लहलहाती गेहूँ की फसल.

मौसम सेवा से बदलेगी किसानी

कृषि विज्ञान केंद्र के प्रधान तथा वरीय वैज्ञानिक डॉ नित्यनंद ने बताया कि जिले में ग्रामीण कृषि मौसम सेवा तत्काल चालू कर दिया गया है. इसके विस्तार के लिए भी योजना पर काम किया जा रहा है. जिला स्तर पर मौसम के पूर्वानुमान के लिए जरूरी उपकरण लगाने को कृषि विज्ञान केंद्र कैम्पस में स्थल का भी चयन कर लिया गया है. इस नई व्यवस्था से मौसम के पूर्वानुमान के आधार पर किसान प्रखंड स्तर पर जलवायु के अनुसार फसल चक्र की कार्य योजना तैयार कर सकेंगे.

क्या कहते हैं वैज्ञानिक

किसानों को पांच दिन से लेकर एक माह पहले की मौसम से जुड़ी जानकारी उपलब्ध करायी जायेगी. अगर सुखाड़ की स्थिति आने वाली है तो किसानों को कम सिंचाई वाली फसल लगाने की सलाह दी जायेगी, जबकि भारी बारिश की संभावना में कृषकों को यथाशीघ्र फसल काट कर घर लाने की भी सलाह दी जायेगी.

डॉ नीतीश कुमार, एसएमएस

मौसम लेगा करवट, हवाओं के साथ बारिश की संभावना

औरंगाबाद कार्यालय. लगातार गर्मी और लू से परेशान आम लोगों को कुछ हद तक राहत मिलने वाली है. हालांकि नुकसान भी उठाना पड़ सकता है, पर इसकी संभावना कम है. सबसे बड़ी बात यह है कि नुकसान के दायरे में वैसे किसान आ सकते हैं, जिन्होंने या तो अभी तक गेहूँ फसल की कटाई खेतों से नहीं की है या खलिहान में ही फसलों को छोड़ दिया है. आगामी दो दिन तेज हवाओं के साथ बारिश होगी. ऐसा अनुमान कृषि विज्ञान केंद्र सिरिस के वैज्ञानिकों ने लगाया है. ग्रामीण कृषि मौसम सेवा के वैज्ञानिक डॉ नीतीश कुमार द्वारा भारत मौसम विज्ञान के पूर्वानुमान के आधार पर आगामी दो दिनों में तेज हवाओं के साथ हल्की एवं मध्यम वर्षा होने की संभावना जतायी है. उन्होंने किसान भाइयों की सलाह दी है कि गेहूँ के फसल की कटाई, मड़ाई व भंडारण शीघ्र-अतिशीघ्र कर लें तथा मूंग एवं अन्य खड़ी फसलों में सिंचाई दो दिनों के पश्चात ही करें.





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