ANNUAL REPORT
KVK BANDA

Period of Report: **January 2023 to December 2023**

GENERAL INFORMATION ABOUT THE KVK

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

Address:	Telephone		E mail:
Krishi Vigyan Kendra, Banda, Kamasin, Banda	Office	FAX	kvkbanda@gmail.com

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

Address:	Telephone		E mail
	Office	FAX	buat.dee@gmail.com, vc.buat@gmail.com
Banda University of Agriculture and Technology, Banda	05192-232305	05192-232312	

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

Name	Telephone / Contact		
Dr. Shyam Singh	Residence	Mobile	Email

1.4. Year of sanction: 2007

1.5. Staff Position (as on 31st December, 2023)

Sanctioned Post	Filled Post	Vacant Post
16	12 (1 Head + 4 SMS + 1 PA-Comp + 1 Asst + 1 Steno + 2 Driver + 2 Supp.)	04 (2 SMS + 1 Lab Technician + 1 Farm Manager)

APR SUMMARY

(Note: While preparing summary, please don't add or delete any row or columns)

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	57	1125	500	1625
Rural youths	4	50	41	91
Extension functionaries	4	18	67	85
Sponsored Training				
Vocational Training				
Total	**65**	**1193**	**608**	**1801**

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	185	74.0	
Pulses	332	132.6	
Cereals	46	18.4	
Vegetables			
Other crops			
Hybrid crops			
Total	563	225	
Livestock & Fisheries	48	-	96
Other enterprises	100	2.5	
Total	148	2.5	96
Grand Total	711	227.5	96

3. Technology Assessment & Refinement

Category	No. of Technology Assessed	No. of Trials	No. of Farmers
Technology Assessed			
Crops	3	24	24
Livestock	1	12	12
Various enterprises	4	65	65
Total	**8**	**101**	**101**
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	**8**	**101**	**101**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	241	9366
Other extension activities	142	Mass
Total	383	Mass

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	56	05	64		22		147
	Voice only	-	-	-	-	-	-	
	Voice & Text both	-	-	-	-	-	-	
	Total Messages	56	05	64		22		147
	Total farmers Benefitted	**5526**	**226**	**5526**		**5526**		**16804**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	515.47	4839093.00
Planting material (No.)	15500	
Bio-Products (kg)		
Livestock Production (No.)	2	22000
Fishery production (No.)		

7. Soil, water & plant Analysis

Samples	No. of farmers	Value Rs.
Soil	250	
Water		
Plant		
Total	**250**	

8. HRD and Publications

Sr. No.	Category	Number	No. of participants
1	Workshops		
2	Conferences		
3	Meetings		
4	Trainings for KVK officials		
5	Visits of KVK officials		
6	Book published		-
7	Training Manual		-
8	Book chapters		-
9	Research papers		-
10	Lead papers		-
11	Seminar papers		-
12	Extension folder		-
13	Proceedings		-
14	Award & recognition		-
15	On going research projects		-

DETAIL REPORT OF APR-(Jan 2023 to December 2023)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address:	Telephone		E mail:
Krishi Vigyan Kendra, Banda, Kamasin, Banda	Office	FAX	kvkbanda@gmail.com

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

Address:	Telephone		E mail
	Office	FAX	buat.dee@gmail.com, vc.buat@gmail.com
Banda University of Agriculture and Technology, Banda	05192-232305	05192-232312	

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

Name	Telephone / Contact		
Dr. Shyam Singh	Residence	Mobile	Email

1.4. Year of sanction: 2007

1.5. Staff Position (as on 31st December, 2023)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Subject	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Programme Coordinator	Dr. Shyam Singh	Sr. Scientist cum Head	Agronomy	37400-67000, GP 9000	156900	13.12.17	Permanent	SC	9450791440	55	Kvkbanda @gmail.com
2	Subject Matter Specialist	Vacant	SMS (Agronomy)	-	15600-39100 GP 5400	-	-	Permanent		-	-	

3	Subject Matter Specialist	Dr. Pragya Ojha	SMS (Home Science)	Home Science	15600-39100 GP 5400	67000	12.12.17	Permanent	GEN	9458891879	34	ojha.pragya063@gmail.com
4	Subject Matter Specialist	Dr. Chanchal Singh	SMS (Plant Protection)	Plant Protection	15600-39100 GP 5400	73200	15.12.17	Permanent	GEN	9454940084	40	chanchalsingh9@gmail.com
5	Subject Matter Specialist	Dr. Manvendra Singh	SMS (Animal Sci)	Animal Science	15600-39100 GP 5400	67000	15.12.17	Permanent	GEN	8168313754	40	manav21vet@gmail.com
6	Subject Matter Specialist	Dr. Diksha Patel	SMS (Agri. Extension)	Agri. Extension	15600-39100 GP 5400	65000	16.04.18	Permanent	OBC	7404797378	32	pateldiksha279@gmail.com
7	Subject Matter Specialist	Vacant	SMS (Horticulture)	-	15600-39100 GP 5400	-	-	-	-		--	
8	Programme Assistant	Vacant	PA (Farm Manager/ Lab Tech)	-	9300-34800 GP 4200	-	-	-	-	-	-	-
9	Computer Programmer	Er. Ajeet Kr. Nigam	PA (Computer)	Computer Science	9300-34800 GP 4200	42300	12.12.17	Permanent	GEN	8960987567	38	aknigam01@gmail.com
10	Farm Manager	Vacant	PA (Farm Manager/ Lab Tech)	-	9300-34800 GP 4200	-	-	-	-		-	
11	Accountant / Superintendent	Mr. Abhishek Kr. Shahi	Assistant	Assistant	9300-34800 GP 4200	42300	11.11.17	Permanent	GEN	7897830330	32	Assistantbuat@gmail.com
12	Stenographer	Mr. Kamal Narayan	Stenographer Garde-III	Other	5200-20200, GP 2400	30500	11.11.17	Permanent	GEN	9648711425	39	narayankamal550@gmail.com
13	Driver	Mr. Chandra Shekhar	Driver	Other	5200-20200, GP 2000	26000	11.11.17	Permanent	OBC	9556407161	47	Kvkbanda@gmail.com
14	Driver	Mr. Vikas Gupta	Driver	Other	5200-20200, GP 2000	26000	11.11.17	Permanent	GEN	7379539458	31	Kvkbanda@gmail.com
15	Supporting staff	Mr. Raghuveer	Supp. Staff	Other	5200-20200, GP 1900	30200	01.06.10	Permanent	SC	9452226449	52	Kvkbanda@gmail.com
16	Supporting staff	Mrs. Ankita Nigam	Supp. Staff	Other	5200-20200, GP 1800	18000	27.06.22	Permanent	GEN	8299389394	36	ankita1988nigam@gmail.com

1.6. Total land with KVK (in ha) : 8.69

S. No.	Item	Area (ha)
1	Under Buildings	01.69
2.	Under Demonstration Units	00.20
3.	Under Crops	07.00
4.	Orchard/Agro-forestry	
5.	Others (specify)	

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR			7700000.00	2011		Only Roof level construction
2.	Farmers Hostel	ICAR			2550000.00	2011		Foundation level
3.	Staff Quarters (6)				--	--		Nil
4.	Demonstration Units (2)				--	--		Nil
5	Fencing				--	--		Nil
6	Rain Water harvesting system				--	--		Nil
7	Threshing floor				--	--		Nil
8	Farm godown				--	--		Nil
					--	--		Nil

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep Bolero LX	2010	4,57,526		Poor
Tractor Massy	2010	4,74,140		Poor
Motorcycle	-	-	-	-
Tractor Massy	2021	690766		Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Cultivator	2011	--	Old transferred from DDSF
Disc Harrow	2011	--	Old transferred from DDSF
Seeddril	2011	--	Old transferred from DDSF
Digital Camera	2014	7450	Good
Laptop+Biometric with UPS	2014	49000	Repairable
Desktop (Hp)	2019	49000	Good
UPS	2019	6000	Good
DSLR Camera	2019	43000	Good
Desktop (Lenova)	2020	28000	Good
PAS	2021	12000	Good
Cultivator	2021	26999	Good
Rotavator	2021	165000	Good
Disc Harrow	2021	124000	Good

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

वैज्ञानिक सलाहकार समिति की दिनांक 28.12.2023 को आयोजित सप्तम बैठक का कार्यवृत्त

माननीय कुलपति महोदय की अध्यक्षता में दिनांक 28.12.2023 को कृषि विज्ञान केन्द्र, बाँदा की वैज्ञानिक सलाहकार समिति की सप्तम बैठक केन्द्र के प्रशिक्षण कक्ष में सम्पन्न हुयी। इस बैठक में निम्न लिखित सदस्यों (जनपद के अधिकारी, वैज्ञानिक एवं प्रगतिशील कृषकों) ने प्रतिभाग किया–

1.	प्रो0 (डा0) एन0पी0 सिंह, मा0 कुलपति महोदय, बी0यू0ए0टी, बांदा	13	श्री कु"ाल सिंह, निरीक्षक, मत्स्य विभाग, बांदा
2.	प्रो0 (डा0) एन0के0 बाजपेयी, निदेशक प्रसार	14.	डा0 राम कुमार यादव, उप मुख्य प"ाुचिकित्सा अधिकारी, सदर बांदा
3.	डा0 नरेन्द्र सिंह, सह निदेशक प्रसार	15.	डा0 एस0आर0 कु"ावाहा, प"ाु चिकित्सा अधिकारी
4.	डा0 आनन्द सिंह, सह निदेशक प्रसार	16.	श्रीमती सीमा खान, समाजसेविका
5.	डा0 पंकज कुमार ओझा, सहायक निदे"ाक प्रसार	17.	श्री अशोक सिंह , प्रगतिशील कृषक
6.	डा0 मयंक दुबे, सहायक प्राध्यापक पशुधन उत्पादन एवं	18.	श्री शान्ति भूषण, प्रगतिशील कृषक

	प्रबन्धन		
7.	श्री विजय कुमार, उप कृषि निदे"ाक	19.	डा0 श्याम सिंह, अध्यक्ष कृषि विज्ञान केन्द्र
8.	डा0 प्रमोद कुमार, जिला कृषि अधिकारी	20.	डा0 प्रज्ञा ओझा, वि0व0वि0 गृहविज्ञान
9.	श्री राजेन्द्र कुमार, जिला उद्यान अधिकारी	21.	डा0 मानवेन्द्र सिहं, वि0व0वि0, पशु विज्ञान
10.	श्री प्रतीक चौबे, क्षेत्रीय प्रबन्धक, इफको, बांदा	22.	डा0 दीक्षा पटेल, वि0व0वि0, कृषि प्रसार
11.	डा0 ि"ावकुमार, मुख्य प"ाुचिकित्सा अधिकारी बांदा	23.	श्री कमल नारायण बाजपेयी, स्टेनोग्राफर
12.	श्री संदीप कुमार गौतम, डी0डी0एम0, नाबार्ड	24.	श्री धर्मेन्द्र कुमार सिंह, एस0आर0एफ0 (निकरा परियोजना)

बैठक का शुभारम्भ दीप प्रज्जवलन कर किया गया। केन्द्र के अध्यक्ष डा0 श्याम सिंह द्वारा मा0 कुलपति महोदय एवं कार्यक्रम के अध्यक्ष प्रो0 (डा0) एन0पी0 सिंह, निदेशक प्रसार एवं अन्य सभी सदस्यों को पुष्प गुच्छ भेंट कर स्वागत किया गया। बैठक में सर्वप्रथम केन्द्र के अध्यक्ष डा0 श्याम सिंह ने केन्द्र की दिनांक 11.11.2022 को सम्पन्न हुयी छठवीं बैठक में सदस्यों द्वारा दिये गये सुझावों पर की गयी कार्यवाही से समिति के सदस्यों को अवगत कराया इसके उपरान्त केन्द्राध्यक्ष द्वारा नवम्बर, 2022 से नवम्बर 2023 तक केन्द्र के सभी विषय वस्तु वि"ोषज्ञों द्वारा सम्पादित कराये गये कार्यों की प्रगति आख्या सदस्यों के समक्ष प्रस्तुत की साथ ही आगामी वर्ष (जनवरी, 2024 से दिसम्बर 2024 तक) की कार्ययोजना भी माननीय सदस्यों के समक्ष प्रस्तुत की।

केन्द्राध्यक्ष द्वारा प्रस्तुत की गयी छठवीं बैठक में सदस्यों द्वारा दिये गये सुझावों पर की गयी कार्यवाही प्रगति आख्या एवं कार्ययोजना पर समिति के सदस्यों, उपस्थित प्रगतिशील कृषकों द्वारा संतोष व्यक्त किया गया साथ ही चर्चा के दौरान विभिन्न सदस्यों ने आगामी वर्ष की कार्य योजना हेतु अपने–अपने सुझाव भी प्रस्तुत किये जो निम्नवत है।

<u>प्रो0 (डा0) एन0पी0 सिंह, मा0 कुलपति महोदय, बी0यू0ए0टी, बाँदा</u>

- कृषि विज्ञान केन्द्र जनपद के दर्पण होते हैं, इसलिये जनपद के समस्त आंकडे (जलवायु व मंडी भाव) एकत्र करके ही कार्य योजना बनायें।
- प्रगति"ाील कृषकों को चिन्हित कर उनकी सफलता की कहानी लिखी जाये।
- केन्द्र पर सिंचाई पद्धति के मॉडल विकसित किये जायें।
- कोई भी नयी तकनीक सर्वप्रथम केन्द्र पर परीक्षण हेतु लगायें फिर सफलता उपरान्त उन्हें कृषकों के प्रक्षेत्र पर प्रसार/प्रद"ार्न हेतु ले जायें।
- केन्द्र के फसल प्रक्षेत्र/क्राप कैफेटेरिया उत्तम होना चाहिये।
- सीड हब परियोजनान्तर्गत दलहन के साथ–साथ श्री अन्न, तिलहन एवं कठिया गेंहू का भी समावे"ा किया जायें।
- के0वी0के0 एवं अन्य सम्बन्धित विभागों के साथ सामंजस्य स्थापित कर कार्य किये जायें।
- प्याज की वैज्ञानिक खेती को बढावा देने के लिये जिला उद्यान अधिकारी द्वारा कृषकों को वि"ववद्यालय के उद्यान महाविद्यालय से प्र"िाक्षण प्राप्त करवाया जाये।
- के0वी0के0 वैज्ञानिकों को कृषि मंडी का निरंतर भ्रमण करना चाहियें।
- गृहविज्ञान एवं कृषि प्रसार की विषय वस्तु वि"ोषज्ञ महिला स"ाक्तिकरण एवं खाद्य प्रसंस्करण व्यवसायिक प्र"िाक्षण हेतु कार्य करें।
- सीड हब रिवाल्विंग फंड में रू0 01 करोड से अधिक उपलब्ध धनरा"िा से प्रद"ार्न ईकाई स्थापना के कार्य करायें जायें।
- स्वयं सहायता समूह/FPOs हेतु प्र"िाक्षण किये जायें।

<u>प्रो0 (डा0) एन0के0 बाजपेयी, निदेशक प्रसार</u>

- हिरनखुरी खरपतवार प्रबन्धन हेतु ओ0एफ0टी0 लगायें।
- खरीफ में अच्छादन बढाने हेतु कार्य किये जायें।
- जनपद में उद्यानिकी फसलों को प्रचारित किया जाये तथा 01–01 एकड में विभिन्न फसलों के बाग लगाने हेतु कृषकों को प्रोत्साहित किया जाये।
- धान के उत्पादन क्षेत्र में जीरो टिलेज, सुपर सीडर एवं पूसा डीकम्पोजर के प्रयोग विषय पर प्रद"ार्न आयोजित करायें जाने चाहिये।
- फसल अव"ोष प्रबन्धन पर जागरूकता पैदा की जाये।
- अलसी फसल का प्रचार प्रसार बेहतर तरीके से करें तथा अलसी मे लगने वाली कलिका मक्खी प्रबन्धन पर अग्रिम पंक्ति प्रद"ार्न अथवा ओ0एफ0टी0 तैयार करें।
- सिचांई तकनीकी की ईकाईयां विकसित की जानी चाहियें।
- केन्द्र पर संचालित सेन्टर ऑफ एक्सीलेंस की विस्तृत आख्या तैयार करें।

डा0 नरेन्द्र सिंह– सह निदेशक प्रसार

- केन्द्र पर भ्रमण हेतु आने वाले कृषकों की संख्या बढाई जाये। इसमें सूचना तकनीकों यथा फेसबुक, व्हाट्स अप एवं ट्विटर का प्रयोग करें।
- सूक्ष्म सिचांई पद्धति पर प्रद"ान आयोजित किये जायें।
- खरीफ में फसल उत्पादन को बढावा देने के साथ ही फसल सघनता बढाने हेतु प्रयास करने चाहिये।
- तरल उर्वरकों पर प्रद"ान आयोजित किये जायें।
- गृहविज्ञान एवं कृषि प्रसार की वि0व0वि0 मिलकर श्रीअन्न प्रस्ंसकरण, विपणन पर कार्य करें।
- किसान सारथी पोर्टल पर अटारी, कानपुर से प्राप्त दि"ाा निर्दे"ाों के अनुरूप पंजीकृत कृषकों की संख्या बढायें।

डा0 आनन्द कुमार सिंह–सह निदेशक प्रसार

- वि"वविद्यालय में संचालित प"ाुपालन ईकाईयों में पाले जा रहे प"ाुओं के डीहोर्न्निंग एवं बधियाकरण की सुविधा प"ाुपालन विभाग एवं कृषि विज्ञान केन्द्र के सहयोग से किया जाये।
- जनपद में खरीफ प्याज एवं नीबू वर्गीय फलों को बढावा दिया जाये।
- जिला उद्यान अधिकारी की मदद से केन नदी के किनारों पर स्थित ग्रामों को नींबू वर्गी में पौधों की खेती हेतु चिन्हित किया जाये, जिन्हें.सिट्रस ग्रामों के रूप में विकसित किया जा सकता है।
- प"ाुपालन विभाग से चर्चा करके एक 'अडगडा' स्थापित कराया जाये।

डा0 मयंक दुबे, सहायक प्राध्यापक

- पशुपालन सम्बन्धी विषयों पर रोजगार परक प्रशिक्षणों की संख्या बढायी जाये।

डा0 पंकज ओझा, सहायक निदे"ाक प्रसार

- के0वी0के0 की समस्त गतिविधियों का 2–3 मिनिट का वीडियो बनाकर सोसल मीडिया प्लेटफार्म पर अपलोड करें।
- समसायिक विषयों पर कृषकों की रॉय लेने हेतु फोकस ग्रुप डिस्क"ान आयोजित किये जायें।

उप कृशि निदे"ाक, जनपद बांदा –

- के0वी0के0 द्वारा सम्पन्न कार्यो की सराहना की तथा कृषि विभाग द्वारा आयोजित कार्यक्रमों में और अधिक प्रतिभाग करने हेतु सुझाव दिया गया।

जिला कृशि अधिकारी, जनपद बांदा –

- श्री अन्न की फसलों को प्रोत्साहन देने हेतु प्रद"ान व परीक्षण आयोजित कराये जायें।

मुख्य प"ाु चिकित्सा अधिकारी –

- गायों की दे"ाी नस्लों की उत्पादकता बढाने हेतु कार्य करें।
- जनपद में मुर्गीपालन एवं बकरी पालन को बढावा देने हेतु कार्य किया जाये।

डी0डी0एम0 नाबार्ड –

- के0वी0के0 की बेवसाइट को निरन्तर अपडेट करें।
- केन्द्र द्वारा आयोजित विभिन्न कार्यक्रमों में एफ0पी0ओ0 की सहभागिता बढाई जायें।

जिला उद्यान अधिकारी –

- ग्रामीण युवकों का समूह बनाकर खरीफ प्याज के उत्पादन विषय पर प्र"िाक्षण एवं प्रर्द"ान आयोजित किये जायें।

मत्स्य विभाग के अधिकारी –

- खेत तालाब योजना अन्तर्गत तालाब खुदवाकर मत्स्य विभाग द्वारा मछली पालन का प्रद"ान आयोजित करायें।

श्री प्रतीक चौबे, इफको बाँदा

- नैनो डी0ए0पी0 एवं ईफको सागरिका के प्रद"ान आयोजित कराये जायें।

श्रीमती सीमा खान, समाजसेविका

- महिलाओं हेतु रोजगार परक प्र"िाक्षण की संख्या बढायी जाये।

श्री शान्ति भूषण सिंह

- केन्द्र द्वारा आयोजित कार्यक्रमों से एफ0पी0ओ0 एवं सहकारी समितियों के सदस्यों को जोडा जाये।

श्री अ"ोक सिंह, प्रगतिशील कृषक

- ग्रामीण युवकों हेतु एकीकृत फसल प्रणाली पर जागरूकता बढायी जाये।

बैठक के अन्त में डा0 मानवेन्द्र सिंह विषय वस्तु वि"ोषज्ञ, प"ाुपालन द्वारा समिति के सभी माननीय सदस्यों को धन्यवाद ज्ञापित किया गया।

(**श्याम सिंह**)
अध्यक्ष

प्रतिलिपिः निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

1. वैज्ञानिक सलाहकार समिति के मा0 सदस्यगण।
2. समस्त विषय वस्तु वि"ोषज्ञ, के0वी0के0, बांदा।

(**श्याम सिंह**)
अध्यक्ष

2. DETAILS OF DISTRICT (31st December, 2023)

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1.	Paddy-Wheat (irrigated) Paddy-Wheat (Un-irrigated)
2.	Fallow-Gram+Linseed
3.	Sesamum-Gram/Lentil/Field pea

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

S. No	Agro-climatic Zone	Characteristics
1	Zone III	Arid Climate

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1.	Rakar	Heavy coarse soil	46670
2.	Paruwa	Sandy-loam soil	142480
3.	Mar	Loamy soil	78600
4.	Kabar	Sandy soil	62509

2.4. Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (Qt.)	Productivity (Qt./ha)
Kharif (2021-22)				
1.	Paddy	46960	1237300	26.35
2.	Til	13710	58790	4.29
3.	Black gram	4940	33150	6.71
4.	Green gram	3890	20830	5.36
5.	Pigeon Pea	17070	245490	14.38
6.	Jowar	22410	414390	18.50
Rabi (2021-22)				
1.	Wheat	161000	4892900	30.63
2.	Chickpea	93570	1082700	11.88
3.	Mustard	2870	27050	9.44

4.	Field Pea	3080	22980	12.71
5.	Lentil	38620	294960	9.89
6.	Linseed	3980	11200	10.0

2.5. Weather data

Month	**Rainfall (mm)**	**Temperature ^{0} C**		**Relative Humidity (%)**
		Maximum	**Minimum**	
Jan-23	4.2	36.0	14.62	70.5
Feb-23	0	30.52	14.56	58.50
Mar-23	21	37.12	22.25	44.22
Apr-23	3.5	39.16	25.05	25.22
May-23	22.75	38.05	28.25	55.20
Jun-23	215.2	39.28	28.52	85.52
Jul-23	172.75	38.15	30.62	82.06
Aug-23	252.75	33.50	28.03	87.25
Sep-23	122.35	33.35	26.52	85.70
Oct-23	0	35.70	24.50	69.05
Nov-23	22.0	32.00	19.00	72.00
Dec-23	10.0	28.00	17.00	74.00

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	**Population**	**Production**	**Productivity**
Cattle			
Crossbred	720		
Indigenous	370789		
Buffalo	324091		
Sheep			
Crossbred	0		
Indigenous	12255		
Goats	125317		
Pigs			
Crossbred	0		
Indigenous	17566		
Rabbits			
Poultry			
Hens			
Desi			
Improved			
Ducks			
Turkey and others			

Category	**Area**	**Production**	**Productivity**
Fish			
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

2.7 Details of Operational area / Villages (31st December, 2023)

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Banda Sadar	Badokhar Khurd	Kanwara	Arhar, Sesmum Gram, Lentill, Wheat	Lack of Irrigation water Unavailability of improved variety seed	Moisture, Conservation Technique, Introduction of HYV, IPM, INM, IDM
	Badokhar Khurd	Chahitara	Arhar, Sesmum Gram, Lentill, Wheat	Lack of Irrigation water Unavailability of improved variety seed	Moisture, Conservation Technique, Introduction of HYV, IPM, INM, IDM
	Badokhar Khurd	Mahokhar	Arhar, Sesmum Gram, Lentill, Wheat	Lack of Irrigation water Unavailability of improved variety seed	Moisture, Conservation Technique, Introduction of HYV, IPM, INM, IDM
	Badokhar Khurd	Palhari	Arhar, Sesmum Gram, Lentill, Wheat	Lack of Irrigation water Unavailability of improved variety seed	Moisture, Conservation Technique, Introduction of HYV, IPM, INM, IDM
	Tindvari	Barethi Askaran Parsoda	Arhar, Urd, Guava Gram, Field Pea, Lentill, Wheat, Vegetables	Lack of Irrigation water Unavailability of improved variety seed	Moisture, Conservation Technique, Introduction of HYV, IPM, INM, IDM

2.8 Priority/thrust areas

Crop/Enterprise	**Thrust Area**
Rice	Integrated Nutrient Management, IPM, Water Management
Urd & Til	Weed management, IDM, HYV
Sorghum	Moisture conservation, IPM, IDM
Pulse crops	Integrated Pest Management, IDM, HYV
Oilseed	Weed management, IPM, INM, HYV
Wheat	HYV, INM
Fruit & Vegetable crops	Varietal Assessment, ICM , Disease & Pest Management,
Animal Husbandary	Breed improvement, Feed, Balance Ration
Women Farmers	Drudgery, Food & Livelihood Security

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during Jan 2023 to December 2023

OFT (Technology Assessment)				**FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)**			
1				**2**			
Number of OFTs		**Total no. of Trials**		**Area in ha**		**Number of Farmers**	
Targets	**Achievement**	**Targets**	**Achievement**	**Targets**	**Achievement**	**Targets**	**Achievement**
10	08	120	101	227.5	227.5	711	711

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)	**Extension Activities**
3	**4**

Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	60	57	1500	1625	300	383	8000	9366
Rural youth	10	4	250	91				
Extn. Functionaries	10	4	250	85				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200	515.47	901	15000	15500	

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management				
Varietal Evaluation				
Integrated Pest Management	Chickpea	Management of chickpea pod borer	10	10
Integrated Crop Management	Wheat	Varietal Assessment in Wheat Crop	04	04
Integrated Disease Management	Lentil	Management of soil born disease in lentil	10	10
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				

Total	**24**	**24**

Summary of technologies assessed under livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Disease Management				
Evaluation of Breeds				
Feed and Fodder management				
Nutrition Management	Buffalo	To assess the effect of feeding By Pass Fat on milk production in buffaloes	12	12
Production and Management				
Others (Pl. specify)				
Total			**12**	**12**

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
Drudgery Reduction		Reduction of Human Drudgery through Revolving Stool and Stand	5	5
Value Addition		Combating Malnutrition through Ragi Nutri Mixture	10	10
ICT		Impact assessment of *Pashu Poshan* Mobile app for better transfer of scientific feed management technology among Livestock owners	20	20
		Assessment of Weather Based Information (WBI) on decision making during Mustard cultivation	30	30
		Total	**65**	**65**

Note: Suppose **IPM in paddy** is the technology assessed by 50 KVKs in the Zone with 5 trials by each KVK, then IPM in paddy needs to be considered as a single technology, with 50*5 = 250 trials and No. of KVKs will be 50. In addition, please note that even if IPM in paddy is done with various combinations of Technology Options (treatments), it may be considered as a single technology only.

I.B. TECHNOLOGY ASSESSMENT IN DETAIL

INTEGRATED CROP MANAGEMENT

OFT-1: VARIETAL ASSESSMENT in Wheat Crop (2nd year)

Wheat is the main crop during Rabi season in district Banda. In many areas wheat crop has been taken in Fallow- wheat cropping system by farmers since a long time. Wheat sowing is done in second fortnight of October to first fortnight of November and crop faces water stress during its growth and maturity furthermore most of the farmers used very old variety WH 147 and get very poor yield. A new variety K-1317suitable for timely sowing and less water requirements was evaluated by KVK, Banda at four farmers' fields of four villages during Rabi 2022-23 new variety K-1317 was tested and compared with the old variety WH-147, popular among the farmers in district. The results show that the new variety K-1317 performs better in district and gave 15.07 % higher yield than old variety WH-147. The average yield of variety K-1317 was reported 33.20 q/ha with gross return (from Grain and Straw) of Rs. 91022/ha and B:C ratio 3.93 as compared to old variety yielded 28.85 q/ha with gross return Rs. 80308/ha and B:C ratio of 2.73. Variety K-1317 is performing well under limited water under Banda condition. Farmers say that it performs well even applying 2-3 irrigation.

Year	Technology Option	No. of trials	Grain Yield (qt./ha)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
2022-23	Farmers Practice : (WH 147)	04	28.85	-	50908	2.73
	New HYV K-1317		33.20	15.07	60022	2.93

- **Note: Gross return includes income from Grain and Straw**
- **Sale Price of Wheat is: Rs. 2125/q and Straw Price is: Rs. 600/q in 2022-23**

PEST AND DISEASE MANAGEMENT

OFT-2:- Management of soil born disease in lentil

Problem definition: *Soil born diseases as wilt and dry root rot is a major concern in lentil cultivation under climatic scenario of banda district of bundelkhand region, which cause up 30 % yield loss and income loss of about Rs. 7000/ ha*

Technology assessed or Refined (as the case may be): *IDM module for soil born disease in lentil*

Lentil is an important pulse crop of Banda district of Bundelkhand region during Rabi season. However, there is high incidence of soil born disease as wilt and dry root rot resulting considerable yield loss. KVK, Banda conducted on-farm trial during Rabi 2022-23 to assess the management module. The technology as IDM module includes deep summer ploughing, seed treatment with Trichoderma viride@4g/kg, soil application of T.viride@2.5kg/ha enriched in 100kg of FYM at sowing, neem cake@250kh/ha at sowing time and foliar spray of vitavax power@ 2g/l water reduced the percentage of disease incidence from 18.60 to 6.20% and yield was increased by 25.00 per cent.

Technology Option	No. of trials	No. of infected ear/m^2 plants (%)	Yield (kg/ha)	% Increase in yield over farmer's practice	Gross cost (Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
Seed treatment measure not in practice (Farmers Practice)	10	18.60	09.20	25.00	17530	51520	33990	1.93
summer deep ploughing, seed treatment with *Trichodermaviride*@4g/kg, soil application of *T.viride@2.5kg/ha* enriched in 100kg of FYM at sowing, neem cake@250kh/ha at sowing time and foliar spray of vitavax power@2g/l		6.20	11.50		19000	64400	45400	2.38

MSP-Rs.6000/q

OFT-3:- Management of chickpea pod borer

Problem definition: *Pod borer is key pest of chickpea in banda district of bundelkhand region, which cause up 40 % yield loss and income loss of about Rs. 10000/ ha*

Technology assessed or Refined (as the case may be): *IPM module for chickpea Pod borer Management*

Chickpea is an important pulse crop of Bundelkhand region. However, there is high occurrence of chickpea pod borer insect resulting in yield loss. KVK, Hamirpur conducted on-farm trial to assess the IPM module for chickpea pod borer. The refined technology of deep summer ploughing + timely sowing before 30th October + erection of bird perches + monitoring of insect with pheromone trap+ weed management + water management + need based application of Emamectin benzoate 5SG @ 200gr/ha in 500 L of water, which reduced the percentage of insect occurrence from 11.85 to 5.21 and yield was increased by 62.17 per cent.

Table Effect of IPM module in management of chickpea pod borer in hamirpur district of bundelkhand region

Technology Option	***No. of trials***	***Incidence (%)***	***Yield (kg/ha)***	***% Increase in yield over farmer's practice***
Spray of Emamectin benzoate 5SG @ 1.0 gr./lit at pod formation stage of the crop (Farmers Practice)	*10*	*Awaited*	*Awaited*	*Awaited*
Spray of Emamectin benzoate 5SG @ 1.0 gr./2.5 lit at ETL(Recommended Practice)		*Awaited*	*Awaited*	*Awaited*
deep summer ploughing + timely sowing before 30th October + erection of bird perches + monitoring of insect with pheromone trap+ weed management + water management + need based application of Emamectin benzoate 5SG @ 200gr/ha in 500 L of water		*Awaited*	*Awaited*	*Awaited*

LIVE STOCK ENTERPRISES

OFT-4: To assess the effect of feeding By Pass Fat on milk production in buffaloes (2nd Year)

KVK, Banda conducted nutrient management trial in livestock to enhance the milk production in buffaloes reared by the farmers as the farmers practice results in low milk production. The technology includes supplementation of By-Pass Fat Supplement. Feeding of By-Pass fat in addition to farmers practice increased milk yield from 6.7 to 7.9 lit/day.

Technology Option	***No.of trials***	***Milk Yield lt./day /animal***	***Yield increase (%)***	***Gross cost (Rs./day/ animal)***	***Gross return (Rs/day/ animal)***	***Net Return (Rs/day/ animal)***	***B:C Ratio***
T_1 Farmers Practice (Straw+Green Fodder + Concentrate)	12	6.7	-	126	402	276	3.19
$T_2 = T_1$ + By Pass Fat @50 gm /day/animal + Farmers Practice		7.9	12	132	474	342	3.59

Sale Price-Rs. 60/lit

Farmers said that the technology was good and milk yield has increased

DRUDGERY REDUCTION

OFT-5: Reduction of Human Drudgery through Revolving Stool and Stand (Ist year)

Revolving stool and stand were provided to farm women who were involved in milking activity. Physiological parameters like handgrip strength, blood pressure, heart rate, drudgery index etc. were assessed. It was observed that with the use of revolving stool and stand the drudgery level was decreased among farm women and postural discomfort was also reduced. Farmers' reacted that revolving stool is drudgery reducing tool and increase the work efficiency. It is suitable for Bundelkhand region.

Treatment	Handgrip Strength	Blood Pressure	Heart Rate	Postural Discomfort (% Change)	Drudgery Index
T1 (Traditional Method)	19 Kg	125/89 mmHg	80	48%	42
T2 (Revolving Stool and Stand)	35 Kg	119/81 mmHg	74	21%	23

Farmers' reacted that it was easy and comfortable milking with revolving stool and more milking can be done in less time.

VALUE ADDITION

OFT-6: Combating Malnutrition through Ragi Nutri Mixture (Ist year)

A study was conducted to assess the impact of consumption of raginutri mix on growth of preschool (3-5 years) in Kanwara Village of Banda. The sample was grouped into T1- control group and T2- experimental group. The sample from the experimental group were provided raginutri mix porridge (ragi powder: peanut powder: chana powder:: 2:1:1) of 50 gm each day for a period of 90 days. Pre test and post test were conducted for both experimental and control group. Physiological parameters like weight, height and mid upper arm circumference were measured. It was found that there was significant changes were observed in experimental group. Ragi Nutri mix powder is good for growth of physical and mental development of children. It effects positively on physiological parameters and suitable for growing children.

Treatment	Average Weight (Kg.)			Average Height (cm)			Mid Upper Arm Circumference		
	Pre-Test	Post-Test	Difference	Pre - Test	Post Test	Difference	Pre- Test	Post - Test	Difference
T1 (Experimental Group)	11.25	12.00	0.75	91.50	93.0	1.5	13.00	13.10	0.10
T2 (Control Group)	11.20	12.75	1.55	91.50	94.50	3.0	13.25	13.50	0.25

Mothers of children were happy with improvement in height and weight of their child.

AGRICULTURAL EXTENSION

OFT-7: Problem definition: poor knowledge level of latest know-how by the farmers.

Technology Assessed: Impact assessment of *Pashu Poshan* Mobile app for better transfer of scientific feed management technology among Livestock owners.

Feeding is a very important aspect of dairy production and cost around 70% of the total cost of milk production. Farmers are not very much aware about balance feeding and balanced rationing. Hence NDDB has developed an android based *Pashu Poshan* app in 2015. With the help of this App. balanced ration is formulated while optimizing the cost considering animal profile, i.e. cattle / buffalo, age, milk production, milk fat, and feeding regime etc. The farmers can adjust the quantity of locally available feed ingredients offered to their animals along with mineral mixture. Therefore, KVK, Banda has initiated the trial on Impact assessment of *Pashu Poshan* Mobile app for better transfer of scientific feed management technology among Livestock owners in the year 2022-23. In this trial 20 livestock owners were advised to use this app and their level of adoption of balance rationing and

feeding in dairy animals have been assessed and it was found that the level of adoption has increased by 17.22 per cent after exposure to *Pashu Posan* App and it was found significant at 0.05 level of significance in increasing adoption.

Extension teaching methods	**Level of Knowledge (%)**			**'t' value**
	Pre- exposure	**Post-exposure**	**Difference**	
Farmer practice (n=20)	56.16	60.28	4.12	1.73
Pashu Poshan App (n=20)	57.27	74.49	17.22	12.76**

*(** significant at level of 0.05 per cent of significance)*

AGRICULTURAL EXTENSION

OFT-8: Problem definition: Poor weather based information leads to yield loss in Mustard.

Technology Assessed: Assessment of Weather Based Information (WBI) on decision making during Mustard cultivation.

Mustard crop is one of the important crop of Rabi season of Banda which is grown over 10000 ha area in district. The average productivity of Mustard crop is very less i.e. 9.2 q/ha. The one of the main constraint is lack of awareness about weather based information among farmers. Therefore, KVK, Banda has initiated the trial on Assessment of Weather Based Information (WBI) on decision making during Mustard cultivation in the year 2023-24. In this trial 30 mustard growers were advised to use weather based information (Weather advisory, RARS, Jhansi (BUAT, Banda). The parameters like yield, cost saved and adoption rate will be analyzed after harvesting of crop.

II. FRONTLINE DEMONSTRATION

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2023-24 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1.	Wheat	Varietal	K-1317	Through Demonstration	20	85	125
2.	Paddy	Varietal	Chemical weed control (Nominigold)	Through Demonstration	12	45	60
3.	Buffalo	Feed Management	Mineral Mixture	Through Demonstration	2	18	-
4.	Sheep & Goat	Nutrient Management	Vitamin supplement	Through Demonstration	2	15	-
5	IPM	Chickpea	IPM	Through Demonstration	4	34	12
6	Vegetable	Kitchen gardening	Kitchen gardening kit	Through Demonstration	6	250	10

**** Thematic areas as given in Table 3.1 (A1 and A2)***

b. Details of FLDs implemented during Jan 2023 to December 2023

(Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops**.)

Sl. No.	Crop/ Animal	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Wheat	Varietal	HYV (K-1317)	Rabi 2022-23	8.0	8.4	02	19	21	
2	Chickpea	IPM	Management of Pod Borer	Rabi 2022-23	4.0	4.0	03	07	10	
3	Vegetables	Nutritional Security	Kitchen gardening model	Kharif 2023	1.25	1.4	18	32	50	
4	Vegetables	Nutritional Security	Kitchen gardening	Rabi 2022-23	1.25	1.25	27	23	50	
5	Buffalo	Nutrient Management	Probiotic and liquid feed supplement	2022-23	36 Ani.	36 Ani.	2	16	18	
6	Goat	Nutrient Management	Vitamin supplement	2022-23	40 Ani.	40Ani.	04	06	10	
7	Buffalo	Nutrient Management	Multi-Vitamin and Masta fast Spray	2023-24	20 Ani.	20 Ani.	05	15	20	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Paddy	Kharif 2023	Irrigated	Black soils	Low	Low	Medium	Wheat	July Last week	Nov. Last week	712	36
Wheat	Rabi 2023-24	Irrigated	Black soils	Low	Low	Medium	Paddy	Dec. 2nd week	April, 2nd week	12.75	2
Sessame	Kharif, 2023	RF	Clay loam	low	Medium	Medium	Gram	July	Sept.	712	36
Chickpea	Rabi (2023-24)	RF	Black soils	low	Medium	Medium	Fallow	Nov. 2nd week	3rd week of March	12.75	2

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
Wheat	Research work is needed on variety which perform better when only one irrigation is available	K-1317 is a High yielding variety of Wheat which should be needed to popularized in Banda district
Kitechen gardening	There is need to assess the adoptive trial of Bio-fortified varieties in Bundelkhand region.	Suitable bio-fortified varieties should be needed to popularized in Bundelkhand

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1. By Pass Protein and Liquid Feed Supplement	Farmers were satisfied with the Mineral mixture technologies as it increase the milk production of buffalo
2. Vitamin supplements	Farmers were satisfied with the Vitamin supplements technologies as it enhances the daily gain in body weight of Goat.
3.Kitchen gardening	It promotes the food and nutritional security and helpful to combat the problem of malnutrition

Extension and Training activities under FLD

Sl.No.	**Activity**	**No. of activities organised**	**Date**	**No. of participants**	**Remarks**
1	Field days	3	Jan-Dec 2023	42	
2	Farmers Training	5	Jan-Dec 2023	130	
3	Media coverage	12	Jan-Dec 2023	Mass	
4	Training for extension functionaries	1	Jan-Dec 2023	20	

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo plot					Demo												
							High	Low	Average	Check plot		High	Low	Average	Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Groundnut																								
Sesamum	VE	HYV, Nano urea and Neem Oil	GT-06	50	20									1.68	1.32	27.27	7000	14506	7506	2.07	6500	11400	4900	1.75
Mustard (2022-23)	VE	HYV and Nano urea and Neem oil	Giriraj	50	20									16.05	12.85	24.9	22400	87473	65073	3.9	21500	70032	48532	3.26
(2023-24)	VE	HYV and sulphur	RH-749	50	20	Result awaited																		
Toria																								
Linseed	IPM	Management of bud fly	BUAT Alsi-04	10	4	Result awaited																		
	VE	HYV	BUAT Alsi-04	25	10	Result awaited																		
Sunflower																								

Soybean																							

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1	Research work is needed on sowing method like raised bed	GT-06 is a High yielding variety of Sesame which should be needed to popularized in Banda district
2	Research work is needed on variety which perform better when only one irrigation is available	Giriraj is a High yielding variety of Mustard which should be needed to popularized in Banda district

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	GT-06 is performing better and liked by farmers
2	Giriraj is performing better and liked by farmers

Frontline demonstration on pulse crops

Crop	**Thematic Area**	**technology demonstrated**	**Variety**	**No. of Farmers**	**Area (ha)**	**Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)**	**Result of main parameter**				**% Advantage**	**Yield (q/ha)**				**% Increase in yield**	**Economics of demonstration (Rs./ha)**				**Economics of check (Rs./ha)**			
							Demo plot			**Check plot**		**Demo**			**Check**										
							High	**Low**	**Average**			**High**	**Low**	**Average**			**Gross Cost**	**Gross Return**	**Net Return**	**BCR (R/C)**	**Gross Cost**	**Gross Return**	**Net Return**	**BCR (R/C)**
Pigeonpea (2022-23)	VE	HYV and Starter Dose	IPA-203	50	20									15.60	12.40	25.80	26800	108420	81620	4.04	23600	86180	62580	3.65
(2023-24)	VE	HYV	IPA-203	34	13.6																			
Blackgram																								
Greengram																								

Chickpea	VE	HYV and Starter Dose	JG-36	75	30									19.82	16.50	20.12	27500	105740	78240	3.84	26700	88028	61328	3.29
		Management of Pod Borer	JG-36	10	4									19.2	13.8	19.5	28600	88320	59720	2.08	26700	63480	36780	1.37
Fieldpea	VE	HYV	IPFD 12-2	50	20									19.30	16.10	19.87	27800	81060	53260	2.91	26700	67620	40920	2.53
Lentil (2022-23)	VE	HYV	IPL-316	50	20									11.42	9.36	22.00	26600	68520	41920	2.57	24500	56160	31660	2.29
(2023-24)	VE	HYV	IPL-316	63	25	Result awaited																		
Horsegram																								

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	Research work is needed on Sprinkler irrigation system	IPA-203 is a High yielding variety of Pigeonpea which should be needed to popularized in Banda district
2	Research work is needed on Sprinkler irrigation system	JG-36 is a High yielding variety of Chickpea which should be needed to popularized in Banda district
3	Research work is needed on Sprinkler irrigation system	IPFD 12-2 is a High yielding variety of Fieldpea which should be needed to popularized in Banda district
4	Research work is needed on Sprinkler irrigation system	IPL-316 is a High yielding variety of Lentil which should be needed to popularized in Banda district

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Starter dose in all pulses responded significantly
2	All the demonstrated varieties of pulses performed better and liked by farmers

FLD on Other crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo plot					Demo												
							High	Low	Average	Check plot		High	Low	Average	Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals																								
Paddy																								
Waterlogged Situation																								
Coarse Rice																								
Scented Rice																								
Wheat (2022-23)	Varietal	Demonstration of High Yielding Variety	K-1317	21	8.4									33.83	31.82	12.53	31000	88802	57802	2.86	29400	79973	50573	2.72
(2023-24)	Varietal	Demonstration of High Yielding Variety	K-1317	25	10	Result awaited																		
Wheat Timely sown																								

Wheat Late Sown																							
Mandua																							
Barley																							
Maize																							
Amaranth																							
Millets																							
Jowar																							
Bajra																							
Barnyard millet																							
Finger millet																							
Vegetables																							
Bottlegourd																							
Bittergourd																							

Cowpea																								
Spongegourd																								
Petha																								
Tomato																								
Frenchbean																								
Capsicum																								
Chilli																								
Brinjal																								
Vegetable pea																								
Softgourd																								
Okra																								
Colocasia (Arvi)																								

Broccoli																							
Cucumber																							
Onion																							
Coriender																							
Lettuce																							
Cabbage																							
Cauliflower																							
Elephant fruit																							
Flower crops																							
Marigold																							
Bela																							
Tuberose																							

Gladiolus																							
Fruit crops																							
Mango																							
Strawberry																							
Guava																							
Banana																							
Papaya																							
Muskmelon																							
Watermelon																							
Spices & condiments																							
Ginger																							
Garlic																							

Turmeric																							
Commercial Crops																							
Sugarcane																							
Potato																							
Medicinal & aromatic plants																							
Mentholment																							
Kalmegh																							
Ashwagandha																							
Fodder Crops																							
Sorghum (F)																							
Cowpea (F)																							
Maize (F)																							
Lucern																							

Berseem																								
Oat (F)																								

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	
2	

FLD on Livestock

Category	**Thematic area**	**Name of the technology demonstrated**	**No. of Farmer**	**No.of Units (Animal/ Poultry/ Birds, etc)**	**Major parameters**		**% change in major parameter**	**Yield (Kg/animal) or No. of eggs/bird)**		**Economics of demonstration (Rs.)**				**Economics of check (Rs.)**			
					Demo	**Check**		**Demo**	**Check**	**Gross Cost**	**Gross Return**	**Net Return**	**BCR (R/C)**	**Gross Cost**	**Gross Return**	**Net Return**	**BCR (R/C)**
Cattle																	
Buffalo	Animal Nutrition Management	Multi-Vitamin and Masta fast Spray	20	20	1560	1200	30	1560	1200	21800	78000	56200	3.57	23200	60000	36800	2.58
	Animal Nutrition Management	Probiotic and Liquid feed supplement	18	36	7.4	6.5	13.8	7.4	6.5	130	407	277	3.13	120	357.5	237.5	2.97

Buffalo Calf																	
Dairy																	
Poultry																	
Sheep & Goat	Animal Nutrition Management	Vitamin Supplement	10	40	120	90	16.1	120	90	12	48	36	4	10	36	26	3.6
Vaccination																	

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1	More efficient and low cost Probiotic need to be developed	Feeding of Probiotic along with liquid feed supplement enhances the milk yield. Farmers have to be aware regarding use of inputs.
2	More efficient and low cost Vitamin supplement in micronized form need to be developed	Feeding of Vitamin supplement enhances growth. Farmers have to be aware regarding use of inputs.

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	
2	

FLD on Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Common Carps																	
Composite fish culture																	
Feed Management																	

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1		
2		
3		
4		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	
2	
3	
4	

FLD on Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.) or Rs./unit				Economics of check (Rs.) or Rs./unit			
				Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oyster Mushroom																
Button Mushroom																
Apiculture																
Maize Sheller																
Value Addition																
Vermi Compost																

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	
2	

FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Check

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units	Yield (Kg)		% change in yield	Other parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Kitchen gardening kit	Nutritional Security	Kitchen gardening kit (Kharif 2023)	50	250	290	-	100			234	1860	1626	7.94	-	-	-	-
Kitchen gardening kit	Nutritional Security	Kitchen gardening kit (Rabi 2023-24)	50	250	Result	awaited											

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	There is a need to assess the adoptive trial of Bio-fortified varieties in Bundelkhand region.	Suitable bio-fortified varieties should be needed to popularized in Bundelkhand

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Demonstration details on crop hybrids *(Details of Hybrid FLDs implemented during* **2023***)*

Crop	Technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average						
Oilseed crop													
Pulse crop													

Cereal crop													
Vegetable crop													
Fruit crop													
Other (specify)													

Note : Remove the Enterprises/crops which have not been shown

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	**Feed Back for researchers**	**Feedback for line department**
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	
2	

III. Natural Farming

1) Crop Harvesting Details

Name of KVK	Crop Details Under Demonstration										Date of Sowing	Date of Harvesting
	Natural farming					Farmer's Practice						
	Name of Crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)	Name of crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)		
Banda												
KVK Plot	Wheat	K-1317	0.133	1.77	6150	Wheat	DBW-187	0.133	2.01	8990	22.10.2022	24.03.2023
KVK Plot	Chickpea	JG-36	0.133	0.14	3840	Chickpea	JG-36	0.133	0.50	4285	22.10.2022	24.03.2023
KVK Plot	Linseed	Local	0.133	0.51	2600	Linseed	Local	0.133	0.75	3050	22.10.2022	24.03.2023
Farmer-1	Wheat	DBW187	0.4	16.3	18500	wheat	DBW-187	0.4	21.6	29500	25.11.2022	13.04.2023
Farmer-2	Wheat	DBW-187	0.4	15.8	19100	wheat	DBW-187	0.4	20.8	30500	27.11.2022	16.04.2023
Farmer-3	Wheat	DBW-187	0.4	15.6	18600	wheat	DBW-187	0.4	21.2	30200	28.11.2022	14.04.2023
Farmer-4	Wheat	DBW-187	0.4	14.7	18300	wheat	DBW-187	0.4	20.6	29700	30.11.2022	11.04.2023
Farmer-5	Wheat	DBW-187	0.4	15.4	19200	wheat	DBW-187	0.4	20.8	29400	26.11.2022	17.04.2023
Farmer-6	Wheat	DBW-187	0.4	14.6	18200	wheat	DBW-187	0.4	21.4	30400	30.11.2022	15.04.2023
Farmer-7	Wheat	DBW-187	0.4	16.2	18800	wheat	DBW-187	0.4	22.8	30900	28.11.2022	18.04.2023
Farmer-8	wheat	DBW-187	0.4	15.3	19500	wheat	DBW-187	0.4	21.9	29700	22.11.2022	19.04.2023
Farmer-9	wheat	DBW-187	0.4	15.4	17500	wheat	DBW-187	0.4	20.6	29300	20.11.2022	16.04.2023
Farmer-10	wheat	DBW-187	0.4	15.8	19800	wheat	DBW-187	0.4	22.8	29600	22.11.2022	11.04.2023
Farmer-11	wheat	DBW-187	0.4	13.6	19600	wheat	DBW-187	0.4	21.5	28500	22.11.2022	10.04.2023
Farmer-12	wheat	DBW-187	0.4	15.9	18700	wheat	DBW-187	0.4	20.4	27500	24.11.2022	18.04.2023
Farmer-13	wheat	DBW-187	0.4	16.7	19700	wheat	DBW-187	0.4	22.6	27400	21.11.2022	20.04.2023
Farmer-14	wheat	DBW-187	0.4	14.2	19600	wheat	DBW-187	0.4	21.6	28000	24.11.2022	16.04.2023

Farmer-15	wheat	DBW-187	0.4	15.8	18700	wheat	DBW-187	0.4	20.9	28700	26.11.2022	18.04.2023
Farmer-16	wheat	DBW-187	0.40.	17.6	19800	wheat	DBW-187	0.4	21.6	27500	29.11.2022	17.04.2023

2) Preliminary Soil Data of Natural Farming Field

Name of KVK	Soil data of Demonstrated/KVK Plot	Soil Analysis				Micronutrients				Microbial Analysis				
		N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Organic Carbon (%age)	Ca (Kg/ha)	Mg (Kg/ha)	Zn (Kg/ha)	Others	Bacterial count (Nos.)	Fungi (Nos.)	Actinomycetes (Nos.)	Phosphorus Solubilizer (Nos.)	N Fixers (Nos.)
Banda	**KVK Plot**	142	10	154	0.33									
1	Ramesh Yadav	156	9	135	0.22									
2	Bhogendra Kumar	175	11	138	0.25									
3	Pramod Kumar	165	10	145	0.32									
4	Amit Kumar	145	8	160	0.21									
5	Ashok Singh	185	14	175	0.35									
6	Yogendra Singh	156	12	180	0.4									
7	Awadh Narayan	178	11	165	0.32									
8	Nandu Shankar Awasthi	168	10	175	0.28									
9	Surendra Pratap Singh	172	13	188	0.34									
10	Shatrughan Yadav	158	10	164	0.28									
11	Vigyan Shukla	180	11	170	0.35									
12	Suman Singh	155	8	182	0.37									
13	Akhileshvar	160	9	150	0.29									
14	Dharmendra Kumar	175	12	166	0.41									
15	Rahul Awasthi	182	10	185	0.38									
16	UmaKant	162	13	176	0.28									

3) Details of Demonstrations Conducted under Natural Farming Project

S. No.	Name of KVK	Name of village	Name of farmer	Mobile no. of farmer	Area under demonstration on Natural Farming (ha)
1	Banda	Kamasin	Ramesh Yadav	8052285248	0.4
2	Banda	Nivada	Bhogendra Kumar	8756071730	0.4
3	Banda	Ajitpur	Pramod Kumar	9792537363	0.4
4	Banda	Katrawal	Amit Kumar	9335583954	0.4
5	Banda	Bachheura	Ashok Singh	6307119257	0.4
6	Banda	Bachheura	Yogendra Singh	6387941353	0.4
7	Banda	Parsuda	Awadh Narayan	7985389989	0.4
8	Banda	Parsuda	Nandu Shankar Awasthi	9670233080	0.4
9	Banda	Sikahula,Jaspura	Surendra Pratap Singh	8318551813	0.4
10	Banda	Tolia	Shatrughan Yadav	9415174813	0.4
11	Banda	Dikhitwara	Vigyan Shukla	7985231966	0.4
12	Banda	Kairi	Suman Singh	9616020216	0.4
13	Banda	Rehunda	Akhileshvar	9984393704	0.4
14	Banda	Chaitara	Dharmendra Kumar	8887857781	0.4
15	Banda	Pahara	Rahul Awasthi	9936474293	0.4
16	Banda	Ajitpur	UmaKant	8924828684	0.4

4) Information of Farmers already Practicing Natural Farming

Sl. No.	Name of the District	Name of the Farmers	No. of desi (indigenous) cows	Land holding (ha)	Crops Grown	No. of Years in Natural Farming	Area Covered under Natural Farming	Crops Grown under Natural Farming	Any significant achievements under natural farming
1	Banda	Ramesh Yadav	03	2.0	Paddy,Wheat,Chickpea, Moong	01	0.2	Wheat	
2	Banda	Bhogendra Kumar	01	2.0	Paddy,Wheat,Chickpea,	01	0.2	Wheat	
3	Banda	Pramod Kumar	03	4.0	Paddy,Wheat, Lentil	01	0.2	Lentil	
4	Banda	Amit Kumar	01	1.0	Paddy, Wheat, chickpea, Moong, Linseed	01	0.4	Linseed	
5	Banda	Ashok Singh	02	4.0	Pegionpea,Sesame, Wheat,Fieldpea,Chickpea, Lentil, Moong	02	0.4	Lentil	
6	Banda	Yogendra Singh	02	3.0	Pegionpea, Sesame, Wheat, Fieldpea, Lentil, Chickpea, Moong	02	0.4	Lentil	
7	Banda	Awadh Narayan	01	7.0	Sesame, Wheat, Fieldpea Lentil, Chickpea,	01	0.4	Chickpea	
8	Banda	Nandu Shankar Awasthi	02	2.0	Sesame, Wheat, Fieldpea, Lentil, Chickpea	01	0.2	Chickpea	
9	Banda	Surendra Pratap Singh	02	2.0	Wheat, Fieldpea Lentil, Chickpea,	01	0.2	Lentil	
10	Banda	Shatrughan Yadav	03	2.5	Sesame, Wheat,Fieldpea, Lentil, Chickpea,	02	0.4	Lentil	
11	Banda	Vigyan Shukla	04	3.5	Paddy, Sesame, Wheat, Fieldpea, Lentil,Chickpea, Moong	02	0.4	Lentil	
12	Banda	Suman Singh	01	1.5	Paddy,Sesame, Wheat,Fieldpea,Lentil,,Chickpea,	01	0.2	Wheat	
13	Banda	Akhileshvar	01	3.5	Paddy,Sesame, Wheat,FieldpeaLentil,,Chickpea, Linseed Moong	01	0.4	Linseed	
14	Banda	Raja bhaiya	02	2.0	Paddy, Wheat, Lentil,,	01	0.2	Wheat	
15	Banda	Rahul Awasthi	03	1.0	Paddy,Sesame, Wheat,Fieldpea. Lentil, Chickpea, Linseed Moong	02	0.4	Linseed	
16	Banda	UmaKant	02	1.0	Paddy, Wheat, Lentil	01	0.2	Wheat	
17	Banda	Mohd. Aslam	04	2.4	Paddy,Sesame, Wheat,Fieldpea. Lentil,,Chickpea, Moong	02	0.4	Wheat	
18	Banda	Dinesh	01	0.4	Paddy, Wheat, Chickpea,	01	0.1	Wheat	
19.	Banda	Dharmendra Kumar	01	0.4	Sesame,Wheat, Chickpea,	01	0.1	Wheat	

5) Natural Farming Nodal officer & Associate Name

S.No.	Name of KVK	Name of Head/SMS	Discipline/Subject	Mobile No.
1	Banda	Dr. Chanchal Singh	Plant Protection	9454940084
2.	Banda	Dr Diksha Patel	Agri. Extension	7404797378
3.	Banda	Dr Manvendra Singh	Animal Science	8168313754

6) Preliminary Soil Data of Natural Farming Field

Name of KVK	Soil data of Demonstrated/KVK Plot	Soil Analysis				Micronutrients				Microbial Analysis				
		N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Organic Carbon (%age)	Ca (Kg/ha)	Mg (Kg/ha)	Zn (Kg/ha)	Others	Bacterial count (Nos.)	Fungi (Nos.)	Actinomycetes (Nos.)	Phosphorus Solubilizer (Nos.)	N Fixers (Nos.)

IV. Drone Project

1) Details of Drone Training

S.No	Name of the Institute/KVK	No. of Drone Alloted	No. of Drones Received	No. of Trainees	Name of RPTOs (Pilot)	Designation of Trainee	Mob No. of Trainee	Email Id of Trainee	Training Institute	Training Status Done/Scheduled	Passport No. of the Trainee	Training Schedule	Remarks about Training Schedule

2) Details of Nodal officers under Drone Project

S.No	Name of the Institute	Name of Nodal Officer	Contact No.	Email

3) Expenditure regarding Agri-Drone

S. No.	Name of KVK, ICAR Institute and AU	No. of Drones allotted	No. of Drones Purchased	Funds for purchase of Drones@ Rs.10.0 lakh/drone	Funds for conducting demonstration Rs.@ 0.03 lakh/demo Rs. In lakh	Total funds released (Rs. In Lakh)	Funds utilized for purchase of Drones (Rs. In Lakh)	Funds utilized for conducting demonstration (Rs. In Lakh)	Total Fund Utilized (Rs. In Lakh)	Balance (Rs. In Lakh)	Percentage Utilization of Released Budget	Target Area under demonstration (ha)	Area under herbicidal spray (ha)	Area under insecticidal spray (ha)	Area under fertilizer spray (ha)	Area under nano-fertilizer spray (ha)	Total target achieved under demonstration (ha)

V. DAMU Project

Project Details

1. Name of Damu, District, ATARI zone and Year

DAMU Name :

Name of Blocks:

Year of start of AAS at DAMU:

2. Name and address with landline and mobile numbers along with STD code (also provide e-mail address) of head of ATARI, Project Coordinator, Head of the Krishi Vigyan Kendra (KVK)

Designation	**Name**	**Address**	**STD code Telephone no. & Fax**	**Email-id**
Head of ATARI				
Head of KVK				
Project Coordinator (PC)				
SMS				
Agromet Observer (AO)				

5. Date of start of Agromet Advisory Bulletins:

6. Nearest Air, Tv And Railway Station (provide the road distance from DAMU)

I) Air Station :

II) TV Station :

III) Railway Station:

7. Status of Agro-AWS

7.1 Date of installation of AWS :

7.2 List of instruments presently available in working condition:

7.3 Instruments to be replaced/repaired indicating type of defect:

7.4 Please provide frequency of observation, exposure conditions of the site etc.

7.6 Number of years of data records available:

7.8 Whether the observatory is periodically inspected, maintained and calibrated by IMD (If yes, please indicate the latest data of inspection by the IMD)

7.9 Details of soil moisture observations taken, if any (please provide frequency and depths of observation etc.)

8. Details of Agromet Advisory Services

i. How many times the weather forecasts were received during the year:

ii. When do you receive the forecasts from MC/RMC?

iii. How many AAS bulletins were prepared and disseminated to the farmers in the year?

iv. How many AAS bulletins were prepared using Agromet-DSS in English and regional languages?

v. List the modes of mass communication adopted for AAS dissemination:

vi. Details of broadcast on AIR and TV (name of station broadcast frequency, time slot provided etc.) (Audio tape of the recent broadcast):

vii. Give list of farmers awareness programmes conducted like Krishi / Kishan Melas, training, participation in national day parades etc. and photograph of Farmer's Awareness Programme (no of Farmer attended)

viii. No of SMS sent through Kisan Portal and how many farmers were benefitted during the year

ix. List of other organizations receiving Agromet advisories:

9. Verification results of District and Block level weather forecast

10. Economic impact of Agromet advisory services:

11. Mobile APP based Agromet advisory services for farmers:

12. Feedback from progressive farmers:

VI. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management											
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification											
Integrated Farming											
Micro Irrigation/irrigation	Irrigation management in Wheat crop	1	22	0	22	3	0	3	25	0	25
Seed production					0			0	0	0	0
Nursery management					0			0	0	0	0
Integrated Crop Management	Scientific cultivation of Pigeonpea, Scientific cultivation of Linsed	2	29	0	29	24	6	30	53	6	59
Soil & water conservatioin					0			0	0	0	0
Integrated nutrient management	Use of Nano Urea in Sesame, Use of Sulphur in Mustard	2	31	1	32	13	1	14	44	2	46
Production of organic inputs					0			0	0	0	0
Others (pl specify)				0	0		0	0	0	0	0
Total		**5**	**82**	**1**	**83**	**40**	**7**	**47**	**122**	**8**	**130**
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops											
Off-season vegetables											
Nursery raising											
Exotic vegetables											
Export potential vegetables											
Grading and standardization											
Protective cultivation											
Others (pl specify)											
Total (a)											
b) Fruits											
Training and Pruning											
Layout and Management of Orchards											
Cultivation of Fruit											
Management of young plants/orchards											
Rejuvenation of old orchards											
Export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques											
Others (pl specify)											
Total (b)											
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Export potential of ornamental plants											
Propagation techniques											

of Ornamental Plants											
Others (pl specify)											
Total (c)											
d) Plantation crops											
Production and Management technology											
Processing and value addition											
Others (pl specify)											
Total (d)											
e) Tuber crops											
Production and Management technology											
Processing and value addition											
Others (pl specify)											
Total (e)											
f) Spices											
Production and Management technology											
Processing and value addition											
Others (pl specify)											
Total (f)											
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
Others (pl specify)											
Total (g)											
GT (a-g)											
III Soil Health and Fertility Management											
Soil fertility management											
Integrated water management											
Integrated Nutrient Management											
Production and use of organic inputs											
Management of Problematic soils											
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Balance use of fertilizers											
Soil and Water Testing											
Others (pl specify)											
Total											
IV Livestock Production and Management											
Dairy Management	Scientific Goat Rearing, Winter Management of Livestock	2	43	6	49	11	4	15	54	10	64
Poultry Management					0			0	0	0	0
Piggery Management					0			0	0	0	0
Rabbit Management					0			0	0	0	0
Animal Nutrition Management	Role of Mineral Mixture in Animal Production,	3	75	8	83	15	4	19	90	12	102

	Importance of Balanced Feeding in Livestock, Conservation Practices for Green Fodder										
Disease Management	Control of Mastitis, Major Contagious Diseases of Livestock, Control of FMD	3	70	10	80	15	6	21	85	16	101
Feed & fodder technology					0			0	0	0	0
Production of quality animal products					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**8**	**188**	**24**	**212**	**41**	**14**	**55**	**229**	**38**	**267**
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening	Role of Nutrition Garden in Food and nutritional security in Rural areas, Importance of Kitchen Garden for combating nutrition	2	0	52	52	0	3	3	0	55	55
Design and development of low/minimum cost diet	Preparation of nutrient rich low cost recipe with locally available food resources	1	0	1	1	0	27	27	0	28	28
Designing and development for high nutrient efficiency diet	Role and importance of Weaning food	1	0	17	17	0	9	9	0	26	26
Minimization of nutrient loss in processing					0			0	0	0	0
Processing and cooking					0			0	0	0	0
Gender mainstreaming through SHGs					0			0	0	0	0
Storage loss minimization techniques					0			0	0	0	0
Value addition					0			0	0	0	0
Women empowerment					0			0	0	0	0
Location specific drudgery reduction technologies					0			0	0	0	0
Rural Crafts	Training on preparation of candles and Diya	1	0	17	17	0	8	8	0	25	25
Women and child care	Care and maintenance of health of Malnourished Children	1	0	20	20	0	5	5	0	25	25
Others (pl specify)	Preparation of Organic Manure with household waste	1	0	22	22	0	0	0	0	22	22
Total		**7**	**0**	**129**	**129**	**0**	**52**	**52**	**0**	**181**	**181**
VI Agril. Engineering											
Farm Machinary and its maintenance											
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition											
Post Harvest Technology											
Others (pl specify)											

Total											
VII Plant Protection											
Integrated Pest Management	Management of sawfly in mustard, Management of insects and diseases in wheat, Management of leaf miner in field pea	3	66	24	90	12	4	16	78	28	106
Integrated Disease Management	Disease management in pulses	1	9	9	18	4	0	4	13	9	22
Bio-control of pests and diseases					0			0	0	0	0
Production of bio control agents and bio pesticides					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**4**	**75**	**33**	**108**	**16**	**4**	**20**	**91**	**37**	**128**
VIII Fisheries											
Integrated fish farming											
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture											
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
Others (pl specify)											
Total											
IX Production of Inputs at site											
Seed Production											
Planting material production											
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermi-compost production											
Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
Mushroom Production											
Apiculture											
Others (pl specify)											
Total											
X Capacity Building and Group Dynamics											
Leadership											

development											
Group dynamics	Role and Importance of Farmer Producer Organization in present context	01	11	04	15	10	0	10	21	4	25
Formation and Management of SHGs	Farmer Interest Group: Formation and Management	01	12	1	13	0	07	07	12	08	20
Mobilization of social capital											
Entrepreneurial development of farmers/youths	Different avenues of Agri-entrepreurship development in Bundelkhand region	01	13	7	20	3	2	05	16	09	25
WTO and IPR issues											
Others (pl specify)ICT	Use of ICT in Agriculture, Climate Change - Understanding and Risk Management, Importance of social media and Print media in Transfer of agriculture technology, Use of mobile technology for weed management	4	84	5	89	15	4	29	96	9	105
Total		**7**	**120**	**17**	**137**	**28**	**13**	**51**	**145**	**30**	**175**
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems											
Others (pl specify)											
Total											
GRAND TOTAL		**31**	**465**	**204**	**669**	**125**	**90**	**225**	**587**	**294**	**881**

Farmers' Training including sponsored training programmes (off campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management											
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification											
Integrated Farming											
Micro Irrigation/irrigation	Benefits of Sprinklar Irrigation in Pulse crops	1	22	0	22	3	0	3	25	0	25
Seed production					0			0	0	0	0
Nursery management					0			0	0	0	0
Integrated Crop Management					0			0	0	0	0
Soil & water conservatioin					0			0	0	0	0
Integrated nutrient management					0			0	0	0	0
Production of organic inputs	Methods of making Compost and its benefit	1	9	0	9	20	0	20	29	0	29
Others (pl specify)											
Total		**2**	**31**	**0**	**31**	**23**	**0**	**23**	**54**	**0**	**54**
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops											
Off-season vegetables											
Nursery raising											

Exotic vegetables											
Export potential vegetables											
Grading and standardization											
Protective cultivation											
Others (pl specify)											
Total (a)											
b) Fruits											
Training and Pruning											
Layout and Management of Orchards											
Cultivation of Fruit											
Management of young plants/orchards											
Rejuvenation of old orchards											
Export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques											
Others (pl specify)											
Total (b)											
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Export potential of ornamental plants											
Propagation techniques of Ornamental Plants											
Others (pl specify)											
Total (c)											
d) Plantation crops											
Production and Management technology											
Processing and value addition											
Others (pl specify)											
Total (d)											
e) Tuber crops											
Production and Management technology											
Processing and value addition											
Others (pl specify)											
Total (e)											
f) Spices											
Production and Management technology											
Processing and value addition											
Others (pl specify)											
Total (f)											
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
Others (pl specify)											
Total (g)											
GT (a-g)											
III Soil Health and Fertility Management											
Soil fertility management											
Integrated water management											
Integrated Nutrient Management											
Production and use of organic inputs											
Management of Problematic											

soils											
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Balance use of fertilizers											
Soil and Water Testing											
Others (pl specify)											
Total											
IV Livestock Production and Management											
Dairy Management	Improvement in Livestock, Management of Pregnant Animals, Care of New Born Calves, Clean Milk Production	4	104	11	113	15	8	23	119	19	138
Poultry Management					0			0	0	0	0
Piggery Management					0			0	0	0	0
Rabbit Management					0			0	0	0	0
Animal Nutrition Management	Silage and its Making, Formulation of Balanced Ration for Livestock	2	55	11	66	3	2	5	58	13	71
Disease Management	Control of Infectious Diseases in Livestock, Importance of Deworming in Livestock	2	57	7	64	8	0	8	65	7	72
Feed & fodder technology					0			0	0	0	0
Production of quality animal products					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**8**	**216**	**29**	**243**	**26**	**10**	**36**	**242**	**39**	**281**
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening	Prevention of Aneamia through Kitchen Garden	1	0	16	16			0	0	16	16
Design and development of low/minimum cost diet	Preparation of recipe for prevention of lifestyle diseases	1	0	19	19	0	3	3	0	22	22
Designing and development for high nutrient efficiency diet	Preparation of nutri- thali for combating malnutrition	1	0	22	22	0	0	0	0	22	22
Minimization of nutrient loss in processing					0			0	0	0	0
Processing and cooking					0			0	0	0	0
Gender mainstreaming through SHGs					0			0	0	0	0
Storage loss minimization techniques					0			0	0	0	0
Value addition					0			0	0	0	0
Women empowerment					0			0	0	0	0
Location specific drudgery reduction technologies	Awareness about drudgery reducing farm tools and equipments	1	0	15	15	0	27	27	0	42	42
Rural Crafts					0			0	0	0	0
Women and child care					0			0	0	0	0
Others (pl specify)	Income	1	0	13	13	0	12	12	0	25	25

	Generation through Vermicompost Preparation										
Total		**5**	**0**	**85**	**85**	**0**	**42**	**42**	**0**	**127**	**127**
VI Agril. Engineering											
Farm Machinary and its maintenance											
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition											
Post Harvest Technology											
Others (pl specify)											
Total											
VII Plant Protection											
Integrated Pest Management	Management of chickpea pod borer, Management of stem fly in field pea, Importance and utility of deep summer ploughing, Integrated pest management in lentil	4	85	4	89	28	5	33	113	9	122
Integrated Disease Management	Management of wilt disease in pulse crop, Management of soil born Diseases	2	25	8	33	11	0	11	36	8	44
Bio-control of pests and diseases					0			0	0	0	0
Production of bio control agents and bio pesticides	Importance of neem based pesticides and its preparation	1	28	0	28	0	0	0	28	0	28
Others (pl specify)					0			0	0	0	0
Total		**7**	**138**	**12**	**150**	**39**	**5**	**44**	**177**	**17**	**194**
VIII Fisheries											
Integrated fish farming											
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture											
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
Others (pl specify)											

Total											
IX Production of Inputs at site											
Seed Production											
Planting material production											
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermi-compost production											
Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
Mushroom Production											
Apiculture											
Others (pl specify)											
Total											
X Capacity Building and Group Dynamics											
Leadership development											
Group dynamics	Farmer Field School: Need and importance (off)	01	16	0	16	9	0	9	25	0	25
Formation and Management of SHGs	Self Help Group - Management and Problem Solving (off)	01	03	13	16	0	4	4	03	17	20
Mobilization of social capital											
Entrepreneurial development of farmers/youths	Awareness of govt. schemes related to agri-preurship (off)	01	4	3	07	10	2	12	14	05	19
WTO and IPR issues	Agricultural Marketing: Problems and Solutions (off)	01	19	0	19	01	01	02	20	1	21
Others (pl specify)											
Total		**4**	**42**	**16**	**58**	**20**	**7**	**27**	**62**	**23**	**85**
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems											
Others (pl specify)											
Total											
GRAND TOTAL		**26**	**427**	**142**	**567**	**108**	**64**	**172**	**535**	**206**	**741**

Farmers' Training including sponsored training programmes – CONSOLIDATED (On + Off campus)

Thematic area (May be specific to any given KVK)	**Actual Title of training conducted**	**No. of courses**	**Participants**								
			Others			**SC/ST**			**Grand Total**		
			Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
I Crop Production											
Weed Management											
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification											
Integrated Farming											
Micro Irrigation/irrigation	Irrigation management in Wheat crop, Benefits of Sprinklar Irrigation in Pulse	2	44	0	44	6	0	6	50	0	50

	crops										
Seed production		0	0	0	0	0	0	0	0	0	0
Nursery management		0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	Scientific cultivation of Pigeonpea, Scientific cultivation of Linsed	2	29	0	29	24	6	30	53	6	59
Soil & water conservatioin		0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	Use of Nano Urea in Sesame, Use of Sulphur in Mustard	2	31	1	32	13	1	14	44	2	46
Production of organic inputs	Methods of making Compost and its benefit	1	9	0	9	20	0	20	29	0	29
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total		**7**	**113**	**1**	**114**	**63**	**7**	**70**	**176**	**8**	**184**
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops											
Off-season vegetables											
Nursery raising											
Exotic vegetables											
Export potential vegetables											
Grading and standardization											
Protective cultivation											
Others (pl specify)											
Total (a)											
b) Fruits											
Training and Pruning											
Layout and Management of Orchards											
Cultivation of Fruit											
Management of young plants/orchards											
Rejuvenation of old orchards											
Export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques											
Others (pl specify)											
Total (b)											
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Export potential of ornamental plants											
Propagation techniques of Ornamental Plants											
Others (pl specify)											
Total (c)											
d) Plantation crops											
Production and Management technology											
Processing and value addition											
Others (pl specify)											
Total (d)											
e) Tuber crops											
Production and Management technology											
Processing and value											

addition											
Others (pl specify)											
Total (e)											
f) Spices											
Production and Management technology											
Processing and value addition											
Others (pl specify)											
Total (f)											
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
Others (pl specify)											
Total (g)											
GT (a-g)											
III Soil Health and Fertility Management											
Soil fertility management											
Integrated water management											
Integrated Nutrient Management											
Production and use of organic inputs											
Management of Problematic soils											
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Balance use of fertilizers											
Soil and Water Testing											
Others (pl specify)											
Total											
IV Livestock Production and Management											
Dairy Management	Scientific Goat Rearing, Winter Management of Livestock, Breed Improvement in Livestock, Management of Pregnant Animals, Care of New Born Calves, Clean Milk Production	6	147	17	164	26	12	38	173	29	202
Poultry Management		0	0	0	0	0	0	0	0	0	0
Piggery Management		0	0	0	0	0	0	0	0	0	0
Rabbit Management		0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	Role of Mineral Mixture in Animal Production, Importance of Balanced Feeding in Livestock, Conservation Practices for Green Fodder, Silage and its Making, Formulation of Balanced Ration for Livestock	5	130	19	149	18	6	24	148	25	173
Disease Management	Control of Mastitis, Major Contagious Diseases of Livestock, Control of FMD, Control of Infectious Diseases in Livestock, Importance of Deworming in Livestock	5	127	17	144	23	6	29	150	23	173

Feed & fodder technology		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
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total		**16**	**404**	**53**	**457**	**67**	**24**	**91**	**471**	**77**	**548**
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening	Role of Nutrition Garden in Food and nutritional security in Rural areas, Importance of Kitchen Garden for combating nutrition, Prevention of Aneamia through Kitchen Garden	3	0	68	68	0	3	3	0	71	71
Design and development of low/minimum cost diet	Preparation of nutrient rich low cost recipe with locally available food resources, Preparation of recipe for prevention of lifestyle diseases	2	0	20	20	0	30	30	0	50	50
Designing and development for high nutrient efficiency diet	Role and importance of Weaning food, Preparation of nutri-thali for combating malnutrition	2	0	39	39	0	9	9	0	48	48
Minimization of nutrient loss in processing		0	0	0	0	0	0	0	0	0	0
Processing and cooking		0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs		0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques		0	0	0	0	0	0	0	0	0	0
Value addition		0	0	0	0	0	0	0	0	0	0
Women empowerment		0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	Awareness about drudgery reducing farm tools and equipments	1	0	15	15	0	27	27	0	42	42
Rural Crafts	Training on preparation of candles and Diya	1	0	17	17	0	8	8	0	25	25
Women and child care	Care and maintenance of health of Malnourished Children	1	0	20	20	0	5	5	0	25	25
Others (pl specify)	Preparation of Organic Manure with household waste, Income Generation through Vermicompost Preparation	2	0	35	35	0	12	12	0	47	47
Total		**12**	**0**	**214**	**214**	**0**	**94**	**94**	**0**	**308**	**308**
VI Agril. Engineering											
Farm Machinary and its maintenance											
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition											
Post Harvest Technology											
Others (pl specify)											
Total											
VII Plant Protection											
Integrated Pest	Management of sawfly	7	151	28	179	40	9	49	191	37	228

Management	in mustard, Management of insects and diseases in wheat, Management of leaf miner in field pea, Management of chickpea pod borer, Management of stem fly in field pea, Importance and utility of deep summer ploughing, Integrated pest management in lentil										
Integrated Disease Management	Disease management in pulses, Management of wilt disease in pulse crop, Management of soil born Diseases	3	34	17	51	15	0	15	49	17	66
Bio-control of pests and diseases		0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	Importance of neem based pesticides and its preparation	1	28	0	28	0	0	0	28	0	28
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total		**11**	**213**	**45**	**258**	**55**	**9**	**64**	**268**	**54**	**322**
VIII Fisheries											
Integrated fish farming											
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture											
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
Others (pl specify)											
Total											
IX Production of Inputs at site											
Seed Production											
Planting material production											
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermi-compost production											
Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
Mushroom Production											
Apiculture											

Others (pl specify)											
Total											
X Capacity Building and Group Dynamics											
Leadership development											
Group dynamics	Role and Importance of Farmer Producer Organization in present context	01	11	04	15	10	0	10	21	4	25
	Farmer Field School: Need and importance	01	16	0	16	9	0	9	25	0	25
Formation and Management of SHGs	Farmer Interest Group: Formation and Management	01	12	1	13	0	07	07	12	08	20
	Self Help Group - Management and Problem Solving	01	03	13	16	0	4	4	03	17	20
Mobilization of social capital											
Entrepreneurial development of farmers/youths	Awareness of govt. schemes related to agri-preurship	01	4	3	07	10	2	12	14	05	19
	Different avenues of Agri-entrepreurship development in Bundelkhand region	01	13	7	20	3	2	05	16	09	25
WTO and IPR issues	Agricultural Marketing: Problems and Solutions	01	19	0	19	01	01	02	20	1	21
Others (pl specify)ICT	Use of ICT in Agriculture, Climate Change - Understanding and Risk Management, Importance of social media and Print media in Transfer of agriculture technology, Use of mobile technology for weed management	4	84	5	89	15	4	29	96	9	105
Total		**11**	**162**	**33**	**195**	**48**	**20**	**78**	**207**	**53**	**260**
GRAND TOTAL		**57**	**892**	**346**	**1238**	**233**	**154**	**387**	**1125**	**500**	**1625**

Training for Rural Youths including sponsored training programmes (On campus)

Thematic area (May be specific to any given KVK)	**Actual Title of training conducted**	**No. of Courses**	**No. of Participants**								
			General			**SC/ST**			**Grand Total**		
			Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production											
Production of organic inputs											
Planting material production											
Vermi-culture											
Mushroom Production	Mushroom production: a source of additional income	1	25	0	25	8	0	8	33	0	33

Bee-keeping		0			0			0	0	0	0
Sericulture		0			0			0	0	0	0
Repair and maintenance of farm machinery and implements		0			0			0	0	0	0
Value addition	Processing and value addition of milk and milk products	1	0	20	20	0	4	4	0	24	24
Small scale processing		0			0			0	0	0	0
Post Harvest Technology		0			0			0	0	0	0
Tailoring and Stitching		0			0			0	0	0	0
Rural Crafts	Income generation through preparation of handicrafts	1	0	15	15	0	2	2	0	17	17
Production of quality animal products		0			0			0	0	0	0
Dairying	Paraveterinary Training	1	13	0	13	4	0	4	17	0	17
Sheep and goat rearing											
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Composite fish culture											
Freshwater prawn culture											
Shrimp farming											
Pearl culture											
Cold water fisheries											
Fish harvest and processing technology											
Fry and fingerling rearing											
Any other (pl.specify)											
TOTAL		**4**	**38**	**35**	**73**	**12**	**6**	**18**	**50**	**41**	**91**

Training for Rural Youths including sponsored training programmes (Off campus)

Thematic area (May be specific to any given KVK)	**Actual Title of training conducted**	**No. of Courses**	**No. of Participants**								
			General			**SC/ST**			**Grand Total**		
			Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production											
Production of organic inputs											
Planting material production											
Vermi-culture											
Mushroom Production											
Bee-keeping											
Sericulture											
Repair and maintenance of farm machinery and implements											
Value addition											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											

Rural Crafts											
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Composite fish culture											
Freshwater prawn culture											
Shrimp farming											
Pearl culture											
Cold water fisheries											
Fish harvest and processing technology											
Fry and fingerling rearing											
Any other (pl.specify)											
TOTAL											

Training for Rural Youths including sponsored training programmes – CONSOLIDATED (On + Off campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production											
Production of organic inputs											
Planting material production											
Vermi-culture											
Mushroom Production	Mushroom production: a source of additional income	1	25	0	25	8	0	8	33	0	33
Bee-keeping		0			0			0	0	0	0
Sericulture		0			0			0	0	0	0
Repair and maintenance of farm machinery and implements		0			0			0	0	0	0
Value addition	Processing and value addition of milk and milk products	1	0	20	20	0	4	4	0	24	24
Small scale processing		0			0			0	0	0	0
Post Harvest Technology		0			0			0	0	0	0
Tailoring and Stitching		0			0			0	0	0	0
Rural Crafts	Income generation through preparation of handicrafts	1	0	15	15	0	2	2	0	17	17
Production of quality animal products		0			0			0	0	0	0
Dairying	Paraveterinary Training	1	13	0	13	4	0	4	17	0	17
Sheep and goat rearing											

Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Composite fish culture											
Freshwater prawn culture											
Shrimp farming											
Pearl culture											
Cold water fisheries											
Fish harvest and processing technology											
Fry and fingerling rearing											
Any other (pl.specify)											
TOTAL		**4**	**38**	**35**	**73**	**12**	**6**	**18**	**50**	**41**	**91**

Training programmes for Extension Personnel including sponsored training programmes (on campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops											
Integrated Pest Management	Management of insects and diseases in rabi pulses and oilseeds	1	3	27	30	0	0	0	3	27	30
Integrated Nutrient management		0			0			0	0	0	0
Rejuvenation of old orchards		0			0			0	0	0	0
Protected cultivation technology		0			0			0	0	0	0
Production and use of organic inputs		0			0			0	0	0	0
Care and maintenance of farm machinery and implements		0			0			0	0	0	0
Gender mainstreaming through SHGs		0			0			0	0	0	0
Formation and Management of SHGs		0			0			0	0	0	0
Women and Child care	Role of nutritious diet in prevention of infectious diseases among children	1	0	17	17	0	3	3	0	20	20
Low cost and nutrient efficient diet designing		0			0			0	0	0	0
Group Dynamics and farmers organization		0			0			0	0	0	0
Information networking among farmers		0			0			0	0	0	0
Capacity building for ICT application	Use and Importance of ICT in agriculture	1	**0**	15	**15**	0	5	**5**	**0**	20	**20**
Management in farm animals		0			0			0	0	0	0
Livestock feed and fodder production	Fodder and Ration Management of Livestock	1	10	0	10	5	0	5	15	0	15
Household food security		0			0			0	0	0	0
Any other (pl.specify)		0			0			0	0	0	0
TOTAL		**4**	**13**	**59**	**72**	**5**	**8**	**13**	**18**	**67**	**85**

Training programmes for Extension Personnel including sponsored training programmes (off campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops											
Integrated Pest Management											

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

Training programmes for Extension Personnel including sponsored training programmes – CONSOLIDATED (On + Off campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops											
Integrated Pest Management	Management of insects and diseases in rabi pulses and oilseeds	1	3	27	30	0	0	0	3	27	30
Integrated Nutrient management		0			0			0	0	0	0
Rejuvenation of old orchards		0			0			0	0	0	0
Protected cultivation technology		0			0			0	0	0	0
Production and use of organic inputs		0			0			0	0	0	0
Care and maintenance of farm machinery and implements		0			0			0	0	0	0
Gender mainstreaming through SHGs		0			0			0	0	0	0
Formation and Management of SHGs		0			0			0	0	0	0
Women and Child care	Role of nutritious diet in prevention of infectious diseases among children	1	0	17	17	0	3	3	0	20	20
Low cost and nutrient efficient diet designing		0			0			0	0	0	0
Group Dynamics and farmers organization		0			0			0	0	0	0
Information networking among farmers		0			0			0	0	0	0
Capacity building for ICT application	Use and Importance of ICT in agriculture	1	**0**	15	**15**	0	5	**5**	**0**	20	**20**
Management in farm animals		0			0			0	0	0	0
Livestock feed and fodder production	Fodder and Ration Management of Livestock	1	10	0	10	5	0	5	15	0	15
Household food security		0			0			0	0	0	0
Any other (pl.specify)		0			0			0	0	0	0
TOTAL		**4**	**13**	**59**	**72**	**5**	**8**	**13**	**18**	**67**	**85**

Table. Sponsored training programmes

Thematic area (May be specific to any	Actual Title of training	No. of Courses	No. of Participants		
			General	SC/ST	Grand Total

given KVK)	conducted		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management											
Increasing production and productivity of crops											
Commercial production of vegetables											
Production and value addition											
Fruit Plants											
Ornamental plants											
Spices crops											
Soil health and fertility management											
Production of Inputs at site											
Methods of protective cultivation											
Others (pl. specify)											
Total											
Post harvest technology and value addition											
Processing and value addition											
Others (pl. specify)											
Total											
Farm machinery											
Farm machinery, tools and implements											
Others (pl. specify)											
Total											
Livestock and fisheries											
Livestock production and management											
Animal Nutrition Management											
Animal Disease Management											
Fisheries Nutrition											
Fisheries Management											
Others (pl. specify)											
Total											
Home Science											
Household nutritional security											
Economic empowerment of women											
Drudgery reduction of women											
Others (pl. specify)											
Total											
Agricultural Extension											
Capacity Building and Group Dynamics											
Others (pl. specify)											
Total											
GRAND TOTAL											

Name of sponsoring agencies involved

Details of vocational training programmes carried out by KVKs for rural youth

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management											
Commercial floriculture											
Commercial fruit production											
Commercial vegetable production											
Integrated crop management											
Organic farming											
Others (pl. specify)											
Total											
Post harvest technology and value addition											
Value addition											
Others (pl. specify)											
Total											
Livestock and fisheries											
Dairy farming											
Composite fish culture											
Sheep and goat rearing											
Piggery											
Poultry farming											
Others (pl. specify)											
Total											
Income generation activities											
Vermicomposting											
Production of bio-agents, bio-pesticides,											
bio-fertilizers etc.											
Repair and maintenance of farm machinery											
and implements											
Rural Crafts											
Seed production											
Sericulture											
Mushroom cultivation											
Nursery, grafting etc.											
Tailoring, stitching, embroidery, dying etc.											
Agril. para-workers, para-vet training											
Others (pl. specify)											
Total											
Agricultural Extension											
Capacity building and group dynamics											
Others (pl. specify)											
Total											
Grand Total											

VII. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	24	454	5	459
Diagnostic visits	16	125	4	129
Field Day	7	94	2	96
Group discussions	8	467	12	479
Kisan Ghosthi	28	527	5	532
Film Show	2	45	2	47
Self -help groups				

Kisan Mela				
Exhibition	6	2704	25	2729
Scientists' visit to farmers field	43	343	6	349
Plant/animal health camps	3	45	8	53
Farm Science Club				
Ex-trainees Sammelan				
Farmers' seminar/workshop				
Method Demonstrations	2	64	6	70
Celebration of important days	6	855	35	890
Special day celebration	11	1740	50	1790
Exposure visits	2	600	1	601
Others (pl. specify) Farmers visit to KVK	72	634	22	656
Live telecast of PM programme	07	355	06	361
Activities under Life Mission	04	122	03	125
Total	**241**	**9174**	**192**	**9366**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	
Extension Literature	4
News paper coverage	127
Popular articles	2
Radio Talks	7
TV Talks	1
Animal health amps (Number of animals treated)	1 (84)
Others (pl. specify)	
Total	**142 (84)**

Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	56	05	64		22		147
	Voice only	-	-	-	-	-	-	
	Voice & Text both	-	-	-	-	-	-	
	Total Messages	56	05	72		22		147
	Total farmers Benefitted	**5526**	**226**	**5526**		**5526**		**16804**

VIII. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
01 (28.05.2023-05.06.2023)	Gosthies	02	130	
	Lectures organised	01	26	
	Exhibition	01	70	
	Film show			
	Fair			
	Farm Visit	01	12	
	Diagnostic Practicals			
	Distribution of Literature (No.)	01	70	
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)	01	60	
	Bio Product distribution (Kg)			

	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week	01	368	

IX. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Wheat	K-1317	FS-II	36.00	144900	45
Oilseeds						
Pulses	Chickpea	IPC-2006-77	FS-II	80.55	770863.5	**2**
	Chickpea	JG-36	CS	54.18	493471.4	**78**
	Lentil	IPL-321	FS-II	9.44	106955.2	**1**
	Lentil	IPL-316	CS	175.17	1923367	**570**
	Fieldpea	IPFD-12-2	CS	160.13	1399536	**250**
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others						
Total				**515.47**	**4839093**	**946**

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial						
Vegetable seedlings	Brinjal	KashiUttam		9500		50
	Chilli	KashiAnmol		6000		60
Fruits						
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species						
Others						
Total				**15500**		**110**

Production of Bio-Products

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

Table: Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows				
Buffaloes				
Calves	Tharparkar	02 (1 female, 1 Male)	22000	0
Others (Pl. specify)				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl.specify)				
Fisheries				
Indian carp				
Exotic carp				
Others (Pl. specify)				
Total		**02**	**22000**	**0**

X. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	**250**	**200**	**01**	
Water				
Plant				
Manure				
Others (pl.specify)				
Total				

XI. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC
BANDA	01	28.12.2023

XII. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution

XIII. PUBLICATIONS

Category	Number
Books	**0**
Technical bulletins	**3**
Research Paper	3
Lead Papers	
Book Chapters	1
Popular Articles	4
Newsletters	
Technical reports	6
Others (pl. specify)	

XIV. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

Activities conducted				
No. of Training programmes	**No. of Demonstration s**	**No. of plant materials produced**	**Visit by farmers (No.)**	**Visit by officials (No.)**

XV. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTORM/COLD WAVES ETC

Introduction of alternate crops/varieties

Crops/cultivars	**Area (ha)**	**Extent of damage**	**Recovery of damage through KVK initiatives if any**
Total			

Major area coverage under alternate crops/varieties

Crops	**Area (ha)**	**Number of beneficiaries**
Oilseeds		
Pulses		
Cereals		
Vegetable crops		
Tuber crops		
Total		

Farmers-scientists interaction on livestock management

Livestock components	**Number of interactions**	**No.of participants**
Total		

Animal health camps organised

Number of camps	**No.of animals**	**No.of farmers**
Total		

Seed distribution in drought hit states

Crops	**Quantity (qtl)**	**Coverage of area (ha)**	**Number of farmers**
Total			

Large scale adoption of resource conservation technologies

Crops/cultivars and gist of resource conservation technologies introduced	**Area (ha)**	**Number of farmers**
Total		

Awareness campaign

	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers
Total												

XVI. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total				

B. HRD activities organized in identified areas for KVK staff by ATARI

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total			

XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

Each Zone should propose a minimum of three case studies with good action photographs (with captions on the backside of the hard copy of the photos) on the following topics

a) ***Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise***
b) ***Performance of the end results of any one technology assessed, its refinement if any and its impact in district agriculture with respect to that crop or enterprise***
c) ***Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/ enterprise/ bio-product***

The general format for preparing the above case studies are furnished below

Name of the KVK

TITLE

Introduction

KVK intervention

Output

Outcome

Impact

KVK Case study-01
Entrepreneurship development through quality seed production

Situation analysis:- Mr Ashok Singh, S/o Shri Ramgopal resident of village Gureh, Block: Badhokhar khurd, district: Banda, was earlier involved with traditional; agriculture. He used to grow Black Gram/wheat/Pigeon Pea in his 07 ha of Land. Due to lack of HYV of quality seed the productivity of major crops was very less. He was getting net profit of Rs. 2.50 lakh per year with BCR of 2.26 during 2017-18.

Plan, Implement and Support:- Mr. Singh is having interest in seed production, therefore he was selected in farmers participatory seed production scheme of seed hub of KVK, Banda. He got training on different aspect of seed production of pulse crops. During 2022-23 he grow different seeds like Gram (JG-36) in 4.0 ha, Field pea and Lentil (IPL-321) in 3.0 ha of land respectively.

Output:- Mr. Ashok Singh, adopted all the aspect of seed production in his farm since last 3 years. This year he produced quality seed of Gram (42.67q.) and Lentil (31.35q) and supplied this seed to seed hub. He is getting more economical gain in terms of Net return Rs 3.80 lakh with BCR of 3.30.

Outcome:- With the benefit of 20% bonus of seed hub scheme, his net income is increased to 20-25%. His yield is also increased by 15-20 % with use of quality HYV seed of pulse crop. The seed replacement rate of his village has also increased. He is solving the need of HYV seed of farmers of his and neighboring village.

Impact:- About 35-50 farmers are continuously interacting with Mr Ashok and getting advice on different aspects seed production of pulses. Many farmers are frequently visiting his farm and adopting the packages of practices followed by Mr. Ashok at his field. He is one of the progressive farmers of Banda District in seed production area.

Distribution of Agri-inputs

Lentil crop at farmers' field

KVK Case study-02

Giriraj: Promising variety of Mustard for Bundelkhand region

Situation analysis:- Bundelkhand region well known for oilseed production. Among oilseed crop Mustard crop is occupied maximum area in Rabi seasons. However, the productivity of district Banda is very poor (10.0 q/ha). The productivity of mustard crop can be increased by adopting HYV and improved technologies.

Plan, Implement and Support:- Considering above issues KVK, Banda conducted CFLD programme in Banda district since 2017-18 to demonstrate different technologies on farmers field. During 2022-23 Mr. Kamal Kishore of Village Barethi askaran, Block- Tindwari, Distt- Banda was selected for CFLD mustard demonstration. HYV Giriraj, Line sowing and application of Neem oil was demonstrated on his field.

Output:- Mr. Kamal kishore adopted all demonstrated technologies effectively as suggested by KVK scientist. He produced 18.42q/ha of Mustard in the year 2022-23 which was 43.35 percent higher over the check yield of other farmers in the village. He got good price of his produce because of its quality (Rs. 5450/q) and got net income of Rs. 77889/ha with BCR of 4.46.

Outcome:- Farmers of nearby villagers were agreed with demonstrated technology specially variety and cheap and effective method of aphid control. Mr. Kamal kishore is very happy with quality and production of Mustard. He is also satisfied with improvement in his income, livelihood and also set forth example for other farmers of the village.

Impact:- Many farmers of nearby villages are continuously interacting with Mr. **Kamalkishore** and getting advice on Mustard production. He is now becoming one of the progressive farmers of Banda District.

Field visit by KVK Scientist

XIX Achievement of Special programmes

1) Achievement of skill development training funded by DAC&FW

S. No.	SubSector*	QP Name *	Duration (hrs)	No. of Courses Organized	No. of Participants						
					SCs/STs		Others		Total		TOTAL
					Male	Female	Male	Female	Male	Female	
1	Agriculture Crop Production	Jute and Mesta Cultivator	200								
2	Agriculture Crop Production	Vineyard Grower	200								
3	Agriculture Crop Production	Vineyard Worker	200								
4	Agriculture Crop Production	Makhana Grower cum Processor	200								
5	Agriculture Crop Production	Temperate Fruit Grower (Options: Apple / Pear, Peach and Plum / Kiwi)	200								
6	Agriculture Crop Production	Orchard Worker (Options: Trainer-Pruner / Machine Operator – Landscape)	200								
7	Agriculture Crop Production	Vegetable Grower	200								
8	Agriculture Crop Production	Spice Crop Cultivator (Electives: Herbal Spices/Seed Spices/Tree Spices/Rhizomatous Spices/Oil Yielding Spices/Pod (Cardamom) Spices)	200								
9	Agriculture Crop Production	Nursery Worker	200								
10	Agriculture Crop Production	Essential Oil Extractor	200								
11	Agriculture Crop Production	Power Tiller Operator	200								
12	Agriculture Crop Production	Farm Worker	200								
13	Animal Husbandry	Goat Farmer	200								
14	Animal Husbandry	Piggery Farmer (Electives: Fattening/ Breeding)	200								
15	Fisheries	Coldwater Aquaculture Farmer	200								
16	Fisheries	Seaweed Cultivator	200								
17	Forestry, Environment and Renewable Energy Management	Timber Grower	200								
18	Forestry, Environment and	Lac Cultivator	200								

	Renewable Energy Management										
19	Agriculture Industries	Ripening Chamber Operator	200								
20	Agriculture Industries	Group Farming Practitioner	200								
21	Agriculture Industries	Agri Commodity Fumigation Operator	200								
22	Agriculture Industries	Plant Tissue Culture Technician	200								
23	Agriculture Crop Production	Flower Handler-Packaging & Palletising	212								
24	Agriculture Crop Production	Tropical/Subtropical Fruit Grower	220								
25	Agriculture Crop Production	Florist	220								
26	Agriculture Crop Production	Service and Maintenance Technician-Farm Machinery	220								
27	Fisheries	Cage Culture Fish Farmer	230								
28	Agriculture Crop Production	Pesticide & Fertilizer Applicator	232								
29	Agriculture Crop Production	Operator-Reaper, Thresher and Crop Residue Machinery	236								
30	Animal Husbandry	Stud Farm Worker	240								
31	Animal Husbandry	Companion Animal Groomer	244								
		TOTAL									

2) Achievements under Crop Residue Management (CRM) Project by KVKs

a) CRM Machinery status of the CRM KVKs

Name of machine	Name of machine procured	No. of demo conducted	Area covered (ha)	No. of farmers covered	Result					
					Demo yield (q/ha)	Check yield (q/ha)	Increase in yield %	Cost of cultivation (Rs/ha)	Net return (demo plot)	B:C ratio
Happy Seeder										
Reversible M.B. Plough										
Paddy Straw Chopper/ Shradder / Mulcher										
Zero Till Drill										
Rotavator										
Tractor										
Total										

S.No	Name of the Machine/ Equipment	No. of machines procured
1	Happy Seeder	
2	Reversible M.B. Plough	
3	Paddy Straw Chopper/ Shradder / Mulcher	
4	Zero Till Drill	
5	Rotavator	
6	Tractor	
	Total	

b) IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities	No. of Participants
	Kisan Melas organized		
1.	Awareness programmes conducted at Village Panchayat/ Block/ District Level		
2.	Mobilization of schools and colleges through essay completion, painting, debate etc.		
3.	Demonstration conducted (ha)		
4.	Training Programmes conducted		
5.	Exposure visits organized		
6.	Field /harvest days organized		
	Total		

b) Other IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities
1.	Advertisement in Print media	
2.	Column / Articles in newspaper and magazines etc.	
3.	Hoarding fixed (at Mandi/ Road side/Market/ Schools/ Petrol pump/ Panchayat etc.)	
4.	Poster/Banner placed	
5.	Publicity material - leaflets/ pamphlets etc. distributed	
6.	TV programmes/ panel discussions Doordarshan/ DD-Kisan and other private channels	
7.	Wall writing	
	Total	

3) Achievement of TSP (Tribal Sub Plan)

Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
No. of Trainings/Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro-advisory to farmers						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

4) Achievement of KSHAMTA (Knowledge Systems And Home Based Agricultural Management in Tribal Areas)

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

5) Achievements of SCSP KVKs

Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material (Number in lakh)	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures samples (Number)
No. of Trainings/Demos	No. of Farmers	No. of Trainings/Demos	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro-advisory to farmers						

6) Achievement under IFS KVKs

Sl. No.	Component Name	No. of Components established	Area (ha)	Number of Activities		No. of farmers benefited	
				Demo	Training	Demo	Training
1	Dairy Unit	1	0.1				
2	Crop Production	1	0.6				
3	Orchard	1	0.2				
4	Vegetable Production	1	0.1				

7) Activities performed under NARI programme

Table-7.1: Details of activities performed under NARI programme

Nutritional Garden		Bio-fortified crops		Value addition		Training programmes		Extension activities	
No of Established	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries
150	150	3	22	1	35	9	247	6	415

Table-7.2: Details of Bio-Fortified Crops used for nutritional security under NARI programme

Category	Bio Fortified Crop	Variety	Area (ha)	No of Beneficiaries
Cereal	Maize			
	Rice			
	Wheat			
Millet	Finger millet			
	Pearl millet			

	Sorghum			
Oilseed	Groundnut			
	Mustard			
Pulses	Lentil			
	Lathyras			
Vegetable	Cauliflower	Pusa Beta kesari-01 (beta carotene rich variety)	1.0	05
Tuber	Sweet Potato			
Total				

8) Achievements of Soil, water, plant and manure samples analyzed by KVKs and soil health cards issued

Sample	No. of Samples in lakh	No. of Farmers in lakh	No. of Villages in lakh	Amount realized (Rs. in lakhs)	No. of Soil Health Cards issued (lakhs)
Soil	0.0025	0.0002	0.00001		
Water					
Plant					
Manure					0.0025
Total					

9) Achievements under NICRA Project

NRM		Crop production		Livestock & Fisheries			Capacity Building		Extension Activities	
Demo	Area (ha)	Demo	Area (ha)	Demo	Area (ha)	No. of animals	No of Courses	Farmers	No. of programmes	Farmers
7	2.80	209	45.0	04	-	04	13	382	07	1002

10) Achievements under ARYA Project

Name of entrepreneurial units	No. of entrepreneurial units established	No. of Training programs organised	No. of rural youth trained		No. of youth established units	
			Male	Female	Male	Female
Mushroom production						
Fruits and vegetable processing units,						
Horticulture nursery						
Fish farming						
Poultry						
Goat farming						
Piggery						
Duck farming						
Bee keeping						
Others if any						

11) Achievements under Pulses Seed Hub programme

Season/Crop	Name of Pulse crop	Variety	Production			Category of seed	Distributed to No. of farmers
			Target (q)	Area sown (ha)	Actual Production (q)	(F/S, C/S)	
Kharif	Black gram						
	Green Gram						
	Pigeon pea						
Total (Kharif)							
Rabi	Chick pea	IPC-2006-77	200	7.6	80.55	FS-II	**2**
		JG-36	100	8.20	54.18	CS	**78**

	Field pea	IPFD-12-2	200	9.0	160.13	CS	**250**
	Lentil	IPL-321	20	4.0	9.44	FS-II	**1**
		IPL-316	300.0	34.66	175.17	CS	**570**
Total (Rabi)			**820**	**63.46**	**479.47**		**901**
Summer	Black gram						
Total (Summer)							
Grand Total							

12) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of Programmes	No. of persons paticipated
1	Toilet maintenance	-	
2	Road, drain cleaning	02	22
3	Garbage disposal	03	26
4	Door to door awareness	06	45
5	Awareness campaign	04	116
6	Nookkad Drama	-	
7	School Drama	-	
8	School rally	-	
9	Writing paining slogans	-	
10	Composting	04	04
11	Other		
12			
13			

13) Achievements under Aspirational District Scheme

Name of programme	Number
Training	
Session No.	
No. of farmers	
Officers/staff involved	
Seed & Plant Distribution	
Programme number	
Seed distribution in q	
No. of plant distributed	
Biological products distributed	
No. of programme organised	
No. of farmers	
Officers/staff involved	
Animal husbandra & fish distribution programme	
Vaccination	
Medicine for control of parasite	
Distribution of mineral mixure	
No. of farmers	
Officers/staff involved	

14) Awards

S.No.	Name of Award received	Name of KVK/farmer	Year of Award	Date on which award received

Note: Please also mention name of farmer who received the award.

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