ANNUAL REPORT 2023

KRISHI VIGYAN KENDRA, ARWAL

(BIHAR AGRICULTURAL UNIVERSITY, SABOUR, BHAGALPUIR)

PROFORMA FOR ANNUAL REPORT 2023 (01st January- 31st December 2023)

1. GENERAL INFORMATION ABOUT THE KVK

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

Name and address of KVK	Telephone		E-Mail
	Office	FAX	
Krishi Vigyan Kendra, Arwal Lodipur Farm, PO-Sarwarpur, Via – Usari, PS – Mahendia, Distt. – Arwal (Bihar), Pin Code - 804428	+91 – 9472410438	-	arwalkvk@gmail.com

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

Name and address of Host Organization	Telephone		E mail
	Office	FAX	
Bihar Agricultural University, Sabour, Bhagalpur, Bihar Pin – 813210	0641-2452606	0641 -2452604	deebausabour@gmail.com

1.3. Name of Senior Scientist and Head with phone & mobile No.

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Anita Kumari	-	+91 – 9472410438	arwalkvk@gmail.com

1.4. Year of sanction of KVK with council order No. and date: 2008
(Reference of Sanction Order) ICAR F No.6-2/2006- AE I dt. 29-07-2008

1.5. Year of start of KVK: 2008

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

Sl. No.	Sanctioned post	Name of the Incumbent	Designation	Discipline	Pay Scale with Present Basic	Date of joining	Permanent/ probation	Category (SC/ST/ OBC/ Others)
1.	Senior Scientist& Head	Dr. Anita Kumari	Sr. Scientist & Head	Home Science	Level 13A 1,47,900/-	06-07-2019	Permanent	SC
2.	Subject Matter Specialist	Dr. C. N. Choudhary	SMS	Agronomy	Level 12 1,52,700/-	25-03-1988	Permanent	Others
3.	Subject Matter Specialist	Dr. Uday Prakash Narayan	SMS	Plant Pathology	Level 11 1,07,300/-	12-11-2007	Permanent	OBC
4.	Subject Matter Specialist	Dr. (Mrs.) Kavita Dalmia	SMS	Home Science	Level 11 1,01,200/-	12-06-2009	Permanent	Others
5.	Subject Matter Specialist	Dr. (Mrs.) Bibha Kumari	SMS	Animal Science	Level 11 92,600/-	15-06-2009	Permanent	OBC
6.	Subject Matter Specialist	Dr. Ajay Kumar Das	SMS	Horticulture	Level 10 84,700/-	16-06-2009	Permanent	SC
7.	Subject Matter Specialist	Vacant	-	-	-	-	-	-
8.	Programme Assistant	Sri Kundan Kumar	Prog. Asst. (Lab Technician)	Laboratory	Level 6 49,000/-	29-10-2012	Permanent	BC
9.	Computer Programmer	Sri Prashant Kr. Sinha	Prog. Asst. (Computer)	Computer	Level 6 47,600/-	31-05-2013	Permanent	Others
10.	Farm Manager	Vacant	-	-	-	-	-	-
11.	Accountant / Superintendent	Mrs. Kumari Jyoti Singh	Assistant		Level 6 47,600/-	18-04-2013	Permanent	OBC
12.	Stenographer	Vacant	-	-	-	-	-	-
13.	Driver	Sri Shyam Sundar Ram	Driver		Level 3 28,400/-	20-05-2015	Permanent	EBC
14.	Driver	Sri Ashok Kumar Das	Driver		Level 3 28,400/-	13-05-2015	Permanent	SC
15.	Supporting staff	Vacant	-	-	-	-	-	-
16.	Supporting staff	Vacant	-	-	-	-	-	-

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)	Name of infrastructure
1	Under Buildings	2.0	Administrative building & Kisan Ghar
2.	Under Demonstration Units	0.3	Polyhouse, Net house, Pond, Vermi-compost unit, Nutritional Garden, Poultry house
3.	Under Crops	5.0	KVK Farm
4.	Orchard	1.0	Orchard
5.	Agro-forestry	0.0	-
6.	Others with details	1.3	Residence, Godown & Communication path
	Total	9.6	

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Functional/ non-functional*	Source of funding
1.	Administrative Building					Completed not hand over			ICAR
2.	Farmers Hostel					Completed not hand over			ICAR
3.	Staff Quarters (6)					Uncompleted		Non-functional	ICAR
4.	Piggery unit					-			-
5	Fencing					Uncompleted			ICAR
6	Rain Water harvesting structure					-			-
7	Threshing floor							Under use	ICAR
8	Farm godown							Under use	ICAR
9.	Dairy unit								-
10.	Poultry unit								-
11.	Goatry unit								-
12.	Mushroom Lab					Uncompleted			ICAR
13.	Mushroom production unit					Uncompleted			ICAR
14.	Shade house								
15.	Soil test Lab								
16	Others, Please Specify								

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero Jeep (BR56A3656)	2012	5.12 Lakhs	277365	Not in good condition
Tractor	2009	3.82 Lakhs	-	Good
Honda Motorcycle (9646)	2015		19137	Good
Honda Motorcycle (9645)	2015		15672	Good
New Holland 6500 2WD Super Tractor	2021-22			Good

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
BOD incubator, Laminar flow, autoclave	2013	2,35,501/-	Good but not running *	ICAR
Microscope (Simple)	2014	10,000/-	Good	ICAR
Mini Soil Test Kit				
b. Farm machinery				
c. AV Aids				
PA System, Codeless Mike, Projector Screen and accessories	2013	56,396/-	Good	#

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Cultivator – R 9 tyne	2009	16120.00	Good	ICAR
Cultivator – S 9 tyne	2009	18720.00	Good	ICAR
M.B. Plough – 1	2009	21320.00	Good	ICAR
Land Leveler – 1	2009	13000.00	Good	ICAR
Cage Wheel – 1 Pair	2009	9048.00	Good	ICAR
Hood Hitch Bumper	2009	17160.00	Good	ICAR
Spade – 04	2009	540.00	Good	ICAR
Hand Balance – 1 Set	2009	364.00	Good	ICAR

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Kriloskar Pumping set- 7 HP	2011	36750.00	Good	R/F
Gator Sprayer - 01	2011	3800.00	Good	R/F
Multi Crop Thresher	2012	99750.00	Good	RKVY
ZT Seed Drill – 9 tyne	2011	39480.00	Good	RKVY
Tractor Drawn Reaper	2011	57750.00	Good	RKVY
Sprinkler irrigation set	2012	55000.00	Good	RKVY
Battery operated sprayer – 01	2014	3900.00	Good	R/F
Multi Crop Planter	2021-22		Good	CRA Project, GoB
Threshers	2021-22		Good	CRA Project, GoB
Portable Rice/Wheat Seeder	2021-22		Good	CRA Project, GoB
Tractor Trolley	2021-22		Good	CRA Project, GoB
Laser Land Leveler	2021-22		Good	CRA Project, GoB
Raised Bed Planter	2021-22		Good	CRA Project, GoB
New Holland 6500 2WD Super Tractor	2021-22		Good	CRA Project, GoB
Zero tillage	2021-22		Good	CRA Project, GoB
Tractor mounted sprayer	2021-22		Good	CRA Project, GoB
Happy Seeder	2021-22		Good	CRA Project, GoB
Weeder	2021-22		Good	CRA Project, GoB
Rotary Hay Rake	2021-22		Good	CRA Project, GoB

1.8. Details SAC meeting* conducted in the year

Date	Number of Participants	Total statutory member present (State line dept.)	Salient Recommendations	Action taken	If not conducted, state reason
26-08-2023	31	10	FLD/OFT का विस्तृत विवरण SAC की बैठक में दी जाये।	संकलित रिपोर्ट तथा प्रस्तावित कार्यक्रम विवरणी में FLD/OFT का विस्तृत विवरण दिया गया है। (पृष्ठ सं0–11 से 21 तक)	
			अगामी रिपोर्ट में विभिन्न प्रशिक्षणों की अवधि भी अंकित की जानी चाहिए।	रिपोर्ट में विषयवार प्रशिक्षणों की संख्या के साथ–साथ प्रशिक्षणों की अवधि (दिन) अंकित की गई है। (पृष्ठ सं0–8)	
			KVK के कार्यादेश में ICAR/SAU द्वारा निर्गत विभिन्न फसलों के प्रभेदों को ही प्रयोग में लायी जाये।	केन्द्र पर चलाये जा रहें कार्यक्रमों में ICAR/SAU द्वारा निर्गत प्रभेदों जैसे – धान (सबौर श्री, सबौर संपन्न, राजेन्द्र स्वेता), बायोफोर्टिफाइड गेंहू (BHU-25, BHU-31), चना (RVG-202), मसूर(IPL-220), मूंग (शिखा) एवं अरहर (IPA-203) इत्यादि प्रयोग में लायी जा रही है।	
			केन्द्र पर एक एकड़ में उद्यान का मॉडल साथ ही उद्यान का एक नर्सरी विकसित किया जाना चाहिए।	केन्द्र पर एक एकड़ क्षेत्रफल में विभिन्न पौधे – आम (मालदा, जरदालू, सबौर आम, पूसा अरुणिमा, मल्लिका, आम्रपाली) अमरूद (ललित, इलाहाबाद सफेदा, एल–49, शालीशांग) नींबू (पंत, हजारा), अनार (गणेश) आंवला (चकैया), बेल (सबौर–1) तथा सब्जियों की नर्सरी तैयार की जा रही है।	

<table>
<tr><td></td><td></td><td></td><td>उद्यान वैज्ञानिक द्वारा मल्चिंग पर उद्यान फसलों से संबधित एक FLD में 20–25 कृषकों को शामिल किया जाना है।</td><td>कृषकों का चयन हो गया है, आगामी रबी मौसम में मल्चिंग पर उद्यान फसलों से संबधित अग्रिम पंक्ति प्रत्यक्षण किया जाना है।</td><td></td></tr>
<tr><td></td><td></td><td></td><td>केन्द्र तक सुगमता से पहुँचने हेतु सभी जगह संकेतक लगा रहना चाहिए।</td><td>पटना – औरंगाबाद रोड (NH-139) से केन्द्र तक सुगमता से पहुँचने हेतु जगह–जगह पर आयरण बोर्ड के द्वारा संकेतक लगाये गये है।</td><td></td></tr>
<tr><td></td><td></td><td></td><td>केन्द्र पर वर्षभर एक पोषण वाटिका जीवंत रहना चाहिए।</td><td>केन्द्र पर 2000 वर्ग फीट में पोषण वाटिका हेतु रबी–जायद–खरीफ मौसम के अनुसार सभी सब्जियां लगाई जा रही हैं। साथ ही नींबू, अमरूद जैसे बारहमासी पौधे लगाये गये है।</td><td></td></tr>
<tr><td></td><td></td><td></td><td>विभिन्न फसलों को बायोफोर्टिफाइड किस्मों का अग्रिम पंक्ति प्रत्यक्षण में प्रसार करना आवश्यक है। साथ ही वर्त्तमान वर्ष 2023 अन्तराष्ट्रीय Millet वर्ष होने के कारण केन्द्र के अग्रिम पंक्ति प्रत्यक्षण कार्यक्रमों में मोटे अनाज को शामिल करने पर बल दिया जाये।</td><td>प्रतिवेदित अवधि में केन्द्र द्वारा फसलों की बायोफोर्टिफाइड किस्मों तथा मोटे अनाज को FLD कार्यक्रमो में शामिल किया गया है।
<table>
<tr><th>क्र0</th><th>फसल</th><th>प्रभेद</th><th>क्षेत्रफल (एकड़)</th><th>लाभार्थी</th></tr>
<tr><td>1</td><td>गेंहूँ (बायोफोर्टिफाइड)</td><td>(BHU-25, BHU-31)</td><td>18.75</td><td>21</td></tr>
<tr><td>2</td><td>गेंहूँ (बायोफोर्टिफाइड, मिनी किट सैम्पल)</td><td>(BHU-25, BHU-31)</td><td>2.75</td><td>11</td></tr>
<tr><td>3</td><td>मोटा अनाज (श्री अन्न) (ICAR)</td><td>मडुआ, साँवा</td><td>1.5</td><td>44</td></tr>
<tr><td rowspan="2">4</td><td rowspan="2">मोटा अनाज(श्री अन्न) (CRAP)</td><td>मडुआ</td><td>18.0</td><td>46</td></tr>
<tr><td>बाजरा</td><td>11.0</td><td>21</td></tr>
<tr><td colspan="3">कुल</td><td>52.00</td><td></td></tr>
</table></td><td></td></tr>
<tr><td></td><td></td><td></td><td>जल संरक्षण के उद्देश्य से केन्द्र पर एक "अमृत सरोवर" का निर्माण होना चाहिए।</td><td>जल संरक्षण के उद्देष्य से केन्द्र प्रक्षेत्र पर 90 फीट x 70 फीट का "अमृत सरोवर" का निर्माण किया गया है।</td><td></td></tr>
<tr><td></td><td></td><td></td><td>ODOP के अन्तर्गत अरवल जिला में आम होने के कारण आम की एक मातृ वाटिका केन्द्र पर होना आवश्यक है। जिससे स्थानीय कृषकों को पौधे सुगमता से मिल सकें।</td><td>केन्द्र पक्षेत्र पर एक एकड़ क्षेत्रफल में आम के प्रभेद मालदा, जर्दालु, सबौर आम, पूसा अरूणिमा, मल्लिका एवं आम्रपाली के मातृ वाटिका लगाये गये है।</td><td></td></tr>
<tr><td></td><td></td><td></td><td>प्रत्येक माह के अन्तिम सप्ताह में केन्द्र पर एक मासिक बैठक आयोजित किया जाये जिससे महीने में किये गये कार्य एवं अगले महीने की कार्य योजना दर्ज हो, कार्यवाही को क्षेत्रीय निदेशक, कृषि अनुसंधान संस्थान, पटना, निदेशक प्रसार शिक्षा, बी0ए0यू0 सबौर और निदेषक, अटारी, पटना को भेजी जाय।</td><td>आदेशानुसार प्रत्येक माह के 25 तारीख को केन्द्र पर एक मासिक बैठक आयोजित की जाती है, जिसकी कार्यवाही को क्षेत्रीय निदेशक, कृषि अनुसंधान संस्थान, पटना, निदेशक प्रसार शिक्षा, बी0ए0यू0 सबौर और निदेशक, अटारी, पटना को भेजी जा रही है।</td><td></td></tr>
</table>

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2023)

<table>
<tr><td>Sl. No.</td><td>Items</td><td>Information</td></tr>
<tr><td>1</td><td>Major Farming system of the district</td><td>
<table>
<tr><th>S. No</th><th>Farming system/enterprise</th><th>Information</th></tr>
<tr><td>1</td><td>Cereal based farming system</td><td>Rice/Wheat</td></tr>
<tr><td>2</td><td>Pulses based farming system</td><td>Black gram/pigeon pea / chick pea</td></tr>
<tr><td>3</td><td>Oilseed based farming system</td><td>Mustard, Toriya</td></tr>
<tr><td>4</td><td>Agri. Hort. based farming system</td><td>Vegetables, tuber crops, spices</td></tr>
<tr><td>5</td><td>Livestock Rearing</td><td>Cattle, Buffalo, Goat, Poultry, Sheep</td></tr>
</table>
</td></tr>
<tr><td>2</td><td>One district one product (NITI Ayog)</td><td>Pulse based products (Besan & Sattu)</td></tr>
<tr><td>3</td><td>Agro-climatic Zone</td><td>
<table>
<tr><th>S. No</th><th>Agro-climatic Zone</th><th>Characteristics</th></tr>
<tr><td>1</td><td>Zone IIIB</td><td>I) South Bihar alluvial plane zone
II) Sub tropical climate,
III) Rain-fall- 961.7mm
June-Sept- 958.2, Oct-Nov.- 0.0
Dec- Feb- 3.5, March- May 0.0
IV) Mean max. temp. – 21.3-39.1 ^{0}C
V) Mean min. temp. – 4.0 - 28.3 ^{0}C
VI) Relative humidity – 7am – 66%,
2pm – 51%</td></tr>
</table>
</td></tr>
<tr><td>4</td><td>Agro ecological situation</td><td>
<table>
<tr><th>S. No</th><th>Agro ecological situation</th><th>Characteristics</th></tr>
<tr><td>1</td><td>Upland</td><td>• Sandy to sandy loam textured soil.
• Maize, sugar cane, pigeon pea, black gram, vegetables, potato, mustard etc.
• Dominance of maize and vegetables.</td></tr>
<tr><td>2</td><td>Medium land</td><td>• Sandy loam to heavy clays soil
• Cereals, sugarcane, oil seeds, pulses, Vegetables
• Rice-Wheat production system.</td></tr>
<tr><td>3</td><td>Lowland</td><td>• Low lying areas heavy clays soil.
• Growing of long duration paddy.
• Suitable for paddy and late sown wheat cultivation Water logging problem.</td></tr>
</table>
</td></tr>
<tr><td>5</td><td>Soil type</td><td>
<table>
<tr><th>S. No</th><th>Soil type</th><th>Characteristics</th></tr>
<tr><td>1.</td><td>Old Alluvium, grayish yellow to grey in colour, sandy loam to heavy textured.</td><td>P^H – 6.5-8.0
Organic carbon – 0.5-1.0 %
Available N – 200-400 Kg/ha</td></tr>
</table>
</td></tr>
</table>

				Available P_2O_5–10-50 Kg/ha Available K_2O – 150-300 Kg/ha Deficient in Zn & B
6	Productivity of major crops of districts (2021-22)			
	Paddy	38.21		
	Wheat	27.75		
	Pulse (Lentil & Chickpea)	9.72 & 10.85		
	Oilseed (Mustard)	10.54		
	Veg. (name)			
	Fruit (Name)			
	Others			
	Enterprises			
7	Mean yearly temperature, rainfall, humidity of the district	Mean yearly Temperature: Rainfall: Humidity:		
8	Production of major livestock products like, , etc.			
	Milk (2017-18)	75000 MT (Source: - NDDB: Dairy in Bihar - Statistical Profile 2020)		
	Eggs			
	Meat			

Note: Please give recent data only

2.b. Details of operational area / villages (2023)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Arwal	Kaler	Belawan	Dairy farming & Cropping	Lack of knowledge regarding breed & preventive measures	Dairy & Crop production
2.		Arwal	Fatehpur Sanda	Cereals, Pulse & Veg. cropping	Low productivity of crop, pulses and vegetables	Crop production and organic farming
3.		Arwal	Muradpur Huzra	Vegetables & Mushroom Production	Imbalanced use of nutrients in crop production, lack of seed availability	Income generation and value addition
4.		Arwal	Koriyam	Vegetables & Mushroom Production	Lack of seed availability	Value addition & Marketing
5.		Kaler	Nawada	Orchards	Lack of quality seeds	Crop production
6.		Kaler	Sohsa	Cereal & Veg. cropping	Lack of proper variety of seed according to time duration.	Vegetable production

2. c. Details of village adoption programme during 2023:

Name of the villages adopted by Sr. Scientist & Head and SMS (in year 2023) for its development and action plan

Name of village	Block	Action taken for development
Koriyam	Arwal	Need based Training, OFTs, demonstrations, Flagship programmes etc.
Nath Kharsa	Kaler	Need based Training, OFTs, demonstrations, Flagship programmes etc.
Fatehpur Sanda	Arwal	Need based Training, OFTs, demonstrations, Flagship programmes etc.
Muradpur Huzra	Arwal	Need based Training, OFTs, demonstrations, Flagship programmes etc.
Belawan	Kaler	Need based Training, OFTs, demonstrations, Flagship programmes etc.
Bathe	Kaler	Need based Training, OFTs, demonstrations, Flagship programmes etc.
Adopted village under CRA Proggramme		
Mehandia	Kaler	Need based Training and demonstration
Usari	Kaler	Need based Training and demonstration
Shahar Telpa	Karpi	Need based Training and demonstration
Kharasin	Banshi	Need based Training and demonstration
Akraunja	Banshi	Need based Training and demonstration

2.1 Priority thrust areas of KVKs

S. No	Thrust area
1.	To increase the productivity of cereals, pulses and oilseed crops.
2.	To make high quality seed production program successful.
3.	Popularizing zero tillage method.
4.	To follow and promote Integrated Nutrient Management (INM), Integrated Pest Management and Weed Management for sustainable agriculture.
5.	Popularizing Resource Conservation Technology (RCT) and controlled/micro irrigation system.
6.	Management of weeds in lentils.
7.	To increase the milk productivity of milch animals through proper management.
8.	To create self-employment of rural farmers and strengthen their economic condition by adopting scientific method of commercial mushroom production, preservation of fruits/vegetables, poultry and goat rearing.
9.	Empowerment of women in agriculture.
10.	Promotion of natural farming/organic farming.
11.	To promote Biochar production and application.
12.	Popularization of Mota Anaaj (Shri Anna).
13.	Implementing One District One Product Scheme.
14.	Promotion of biofortified varieties and inclusion in frontline demonstration.

3. TECHNICAL ACHIEVEMENTS

3.1. Summary details of target and achievement of mandatory activities by KVK during the year 2023

OFT												FLD										
No. of technologies tested:												No. of technologies demonstrated:										
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
9	9	100	9	24	0	0	40	41	49	65	114	17	17	500	212	274	0	0	133	144	345	418	788

Training												Extension activities										
Number of Courses		Number of Participants										Number of activities		Number of participants								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
150	157	3750	421	688	0	0	2042	769	2463	1457	3920	500	9476	15000	4814	4487	0	0	17896	11796	22710	16283	38993

Impact of capacity building											Impact of Extension activities										
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T
200	200	1	1	-	-	5	1	6	2	8	15000	38993	1	-	-	-	3	1	4	1	5

Seed production (q)			Planting material (in Lakh)		
Target (Crop and variety)	Achievement (q)	Sold (q)	Target (crop and variety)	Achievement	Sold (number)
Wheat (HD-2967)	35.55	28.00	Cabbage (Green Wonder F1)	0.0389	0.0389
Wheat (HI-1563)	11.70	10.00	Tomato (Selection-22)	0.0514	0.0514
Lentil (HUL-57)	2.40	1.00	Cauliflower (White Queen)	0.059	0.059
Mustard (RH-725)	0.85	0.50	Brinjal (Akshay F1)	0.059	0.059
Lathyrus (Prateek)	0.10	0.10	Chilli (Kohinoor 702 F1)	0.059	0.059
Potato (Local)	9.40	9.40	Guava (Layering) (L49)	0.005	-
Green Gram (IPM-205-7 (Virat))	0.81	-	Citrus (Layering) (Pant Lemon)	0.005	-
Paddy (Sabour Sampanna)	155.80*	-			

Paddy (R. Sweta)	40.50*	-			
Pearl Millet (HHB-67)	1.05*	-			
Barnyard Millet (DHBM 93-3)	0.78*	-			
Wheat (HD-2967)	Crop Standing				
Wheat (HI-1563)	Crop Standing				
Lentil (HUL-57)	Crop Standing				

* First weight

Livestock strains (in no's) and fish fingerlings produced (in lakh)*		**Soil, water, plant, manures samples tested (in lakh)**	
Target	Achievement	Target	Achievement
-	-	-	-

* Give no. only in case of fish fingerlings

3.2 ACHIEVEMENTS ON TECHNOLOGIES ASSESSED AND REFINED (OFT)

3.2. 1 Technology Assessed by KVK (Discipline wise)

A	**Technologies assessed under various crops (Cereal Crop Production)**			
	Thematic areas	**Number of the technologies (Technology Interventions)**	**No. of trials**	**No. of Locations**
1	Integrated Nutrient Management			
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management	2	1	1
5	Integrated Disease Management	3	1	3
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Farm Machineries			
10	Integrated Farming System			
11	Seed / Plant production			
12	Post Harvest Technology / Value addition			
13	Drudgery Reduction			
14	Storage Technique			
15	Others (Pl. specify)			
16	Cropping Systems			

17	Farm Mechanization			
18	Others			
	Total	**5**	**2**	**4**
B	**Technologies assessed under various crops (Hort crops.)**			
	Thematic areas	**Number of the technologies (Technology Interventions)**	**No. of trials**	**No. of Locations**
1	Integrated Nutrient Management			
2	Varietal Evaluation			
3	Integrated Pest Management	2	1	1
4	Integrated Crop Management			
5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Post-harvest Technology / Value addition			
10	Others, if any specify (Small Production System)	3	1	1
	Total	**5**	**2**	**2**
C	**Technologies assessed under livestock & Fisheries by KVKs**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Disease & Health Management			
2	Breeding management/Evaluation of Breeds			
3	Feed and Fodder management			
4	Nutrition Management (Goatry)	2	1	2
5	Production and Management	2	1	1
6	Processing and Value addition			
7	Fisheries management			
8	Others (waste, ITK etc)			
	Total	**4**	**2**	**3**
D	**Technologies assessed under miscellaneous enterprises by KVKs**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Drudgery reduction			

2	Entrepreneurship Development			
3	Health and nutrition			
4	Processing and value addition			
5	Energy conservation			
6	Small-scale income generation			
7	Storage techniques			
8	Household food security			
9	Organic farming			
10	Agroforestry management			
11	Mechanization			
12	Resource conservation technology			
13	Value Addition	4	2	6
14	Others			
	Total	**4**	**2**	**6**
E	**Technologies assessed under various enterprises for women empowerment**			
	Thematic areas	**No. of technologies (Technology Interventions)**	**No. of trials**	**No. of locations**
1	Drudgery Reduction			
2	Entrepreneurship Development			
3	Health and Nutrition	2	1	2
4	Value Addition			
5	Others			
	Total	**2**	**1**	**2**

3.2.2 OFT (Year wise All discipline)

OFT – 1 of F.Y. 2022-23 **Discipline: Crop Production**

1.	**Title of On Farm Trial (OFT)**	**Integration of fertilizer in different form on yield of lentil.**
2.	**Problem Diagnosed**	Injudicious use of chemical fertilizer
3.	**Details of Technologies selected for assessment/ refinement (Mention either Assessed or Refined)**	**Control – Farmers' practice –** Seed Treatment + RDF **T.O. I –** 50% of RDF +WS 18:18:18 @5 gm./ltr water (Single spray at pre flowering stage) **T.O. II –** Seed treatment with PSB + Rhizobium, 50% of RDF + WS 18:18:18 @5 gm. /ltr water (Single spray at pre flowering stage)
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	OFT finalization workshop at BAU Sabour (1st to 3rd Sep. 2022)
5.	**Replication**	8
6.	**Production system and thematic area**	SPS, INM
7.	**Performance of the Technology with performance indicators**	Plot size (10x10 m^2)/ in each tech option line sowing, soil data before and after (pH, EC, OC, NPK,), Grain Yield, No. of Plant/m,1000 grain wt., No of pod /plant, strover yield and Economics
8.	**Final recommendation for micro level situation**	Management of lentil as per T.O. II
9.	**Constraints identified and feedback for research**	Lack of knowledge
10.	**Process of farmers participation and their reaction**	Farmers prospectives

Result with Table:

Thematic area	Technology options with detailed treatments	Area (ha)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
INM	**Control – Farmers' practice –** Seed Treatment + RDF	1.0	1.0	8.88	24780	53400	28600	2.15
	T.O. I – 50% of RDF +WS 18:18:18 @5 gm./ltr water (Single spray at pre flowering stage)	1.0	1.0	9.21	24100	56015	31965	2.32
	T.O. II – Seed treatment with PSB + Rhizobium, 50% of RDF + WS 18:18:18 @5 gm. /ltr water (Single spray at pre flowering stage)	1.0	1.0	9.94	24600	60190	35990	2.45

OFT – 2 of F.Y. 2022-23 **Discipline: Crop Production**

1.	**Title of On Farm Trial (OFT)**	**Assessment of efficacy of *Nano urea* in conjunction with inorganic NPK fertilizers, on the yield and economics of timely sown wheat.**
2.	**Problem Diagnosed**	Reduction in soil organic carbon status of soil leading to adverse effect on soil health and ultimately unsustainable wheat yield.
3.	**Details of Technologies selected for assessment/ refinement (Mention either Assessed or Refined)**	**Control – Farmers' practice –** RDF (150:60:40::N:P_2O_5:K_2O Kg/ha) **T.O. I –** 50% RDN + 100% P_2O_5 & K_2O each + 1 Spray of *Nano Urea* (4ml/L water) at 35DAS **T.O. II –** 50% RDN + 100% P_2O_5 & K_2O each + 2 Sprays of *Nano urea* (4ml/L water) at tillering (35DAS) and before flowering (55DAS)
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	OFT finalization workshop at BAU Sabour (1st to 3rd Sep. 2022)
5.	**Replication**	8
6.	**Production system and thematic area**	SPS, ICM
7.	**Performance of the Technology with performance indicators**	No. of effective tillers/m^2, No. of filled grains/panicle, Panicle weight, Test weight, Grain yield, Straw yield, Economics and B:C ratio.
8.	**Final recommendation for micro level situation**	Management as per T.O. II
9.	**Constraints identified and feedback for research**	Lack of knowledge
10.	**Process of farmers participation and their reaction**	Farmers prospectives

Result with table:

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
ICM	**Control – Farmers' practice –** RDF (150:60:40::N:P_2O_5:K_2O Kg/ha)	1.0	1.0	44.6	42860	59249	102109	2.38
	T.O. I – 50% RDN + 100% P_2O_5 & K_2O each + 1 Spray of *Nano Urea* (4ml/L water) at 35DAS	1.0	1.0	38.5	42980	45058	88038	2.05
	T.O. II – 50% RDN + 100% P_2O_5 & K_2O each + 2 Sprays of *Nano urea* (4ml/L water) at tillering (35DAS) and before flowering (55DAS)	1.0	1.0	43.9	44440	55609	100139	2.25

OFT: 3 of F.Y. 2022-23 **Discipline: Plant Pathology**

1.	**Title of On Farm Trial (OFT)**	**Ecofriendly management of fruit borer (*Helicoverpa armigera)* in tomato**
2.	**Problem Diagnosed**	Heavy loss in yield of tomato due to fruit borer infestation.
3.	**Details of Technologies selected for assessment/ refinement (Mention either Assessed or Refined)**	**Control - Farmers' Practice –** Use of Propanophos 50EC **T.O. I:** Installation of pheromone trap @10 trap/ha. **T.O. II:** Installation of pheromone trap @10 trap/ha. + Spraying of Azadirachtin 1500 PPM@5ml/Lit. **T.O. III:** Installation of pheromone trap @10 trap/ha. + Spraying of NPV @250 LE/ha in 500 lit. of water
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	G. B. P. U. of A. & T., Pantnagar
5.	**Replication**	7
6.	**Production system and thematic area**	Rice-lentil-vegetable, IPM
7.	**Performance of the Technology with performance indicators**	1) Fruit damage percent, 2) Yield, 3) Net return, 4) B:C ratio
8.	**Final recommendation for micro level situation**	T.O.III was found superior
9.	**Constraints identified and feedback for research**	Lack of knowledge
10.	**Process of farmers participation and their reaction**	Farmers prospectives

Result with table:

Thematic area	Technology options with detailed treatments	Area (ha)		insect incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual						
IPM	**Control - Farmers' Practice –** Use of Propanophos 50EC	0.5	0.5	19.82	192.30	95670	259605	163935	2.71
	T.O. I: Installation of pheromone trap @10 trap/ha.	0.5	0.5	15.63	228.40	97650	308340	210690	3.15
	T.O. II: Installation of pheromone trap @10 trap/ha. + Spraying of Azadirachtin 1500 PPM@5ml/Lit.	0.5	0.5	9.25	252.60	101480	341010	239530	3.36
	T.O. III: Installation of pheromone trap @10 trap/ha. + Spraying of NPV @250 LE/ha in 500 lit. of water	0.5	0.5	4.15	285.70	102375	385695	283320	3.77

Result: Data pertaining in the above table showed that T.O.III (Installation of pheromone trap @10 trap/ha. + Spraying of NPV @250 LE/ha in 500 lit. of water) was found superior than the other treatment.

OFT: 4 of F.Y. 2022-23 **Discipline: Horticulture**

1.	**Title of On Farm Trial (OFT)**	**Response of Micronutrients on yield and economics of Onion.**
2.	**Problem Diagnosed**	Farmer cultivates onion in large area for better price from a unit area and sale in distinct market for higher price. Farmer use macro nutrients only but fetch lower marketability which is due to little/no application of micro nutrients.
3.	**Details of Technologies selected for assessment/ refinement (Mention either Assessed or Refined)**	Control – Farmers Practice (RDF) T.O. I – RDF(120:100:60) + Boron@10kg/ha T.O. II – RDF(120:100:60) + sulfer@20kg/ha T.O. III – RDF(120:100:60) + sulfer@20kg/ha + Boron@10kg/ha
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	BAU, Sabour
5.	**Replication**	10
6.	**Production system and thematic area**	Onion, INM
7.	**Performance of the Technology with performance indicators**	1) Plant height (cm), 2) No. of leaves, 3) Diameter of bulb (mm), 4) Yield of bulb (q/ha), 5) Splitting of bulb,6) % increase in yield and 7) keeping quality
8.	**Final recommendation for micro level situation**	Response of T.O. III (RDF (120:100:60) + sulfer@20kg/ha + Boron@10kg/ha) showed better yield and quality of Onion.
9.	**Constraints identified and feedback for research**	Assessment of micronutrients.
10.	**Process of farmers participation and their reaction**	Actively participated with adaptation of the technology

Result with table:

Thematic area	**Technology options with detailed treatments**	**Area (ha)**		**Yield (q/ha)**	**Cost of cultivation (Rs./ha)**	**Gross return (Rs/ha)**	**Net return (Rs./ha)**	**BC ratio**
		Proposed	**Actual**					
INM	Control – Farmers Practice (RDF)	0.4	0.4	241.68	117500	389104.80	271604.80	3.31
	T.O. I – RDF(120:100:60) + Boron@10kg/ha	0.4	0.4	260.00	119500	418600.00	299100.00	3.50
	T.O. II – RDF(120:100:60) + sulfer@20kg/ha	0.4	0.4	286.48	121800	461232.80	339432.80	3.79
	T.O. III – RDF(120:100:60) + sulfer@20kg/ha + Boron@10kg/ha	0.4	0.4	325.30	121900	523733.00	401833.00	4.30

Data presenting in T.O.III showed that, it was found better marketable yield (325.30q/ha) and economical B:C ratio (4.30). So, it may be advocated for the farmers for better result.

OFT: 5 of F.Y. 2022-23 **Discipline: Home Science**

1.	**Title of On Farm Trial (OFT)**	**Assessment of preparation methods of Potato flakes for more self-life and enhancement of income.**
2.	**Problem Diagnosed**	Local people consume fresh potatoes as such as vegetables.
3.	**Details of Technologies selected for assessment/ refinement (Mention either Assessed or Refined)**	**Farmers' practice –** Local people consume fresh potatos as such as vegetables. **T.O. I –** Preparation of potato flakes – Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g **T.O. II –**Preparation of potato flakes – Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g, Acetic acid 50.0 ml.
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	Central Potato Research Centre, Shimla
5.	**Replication**	10
6.	**Production system and thematic area**	Farm instead, Income generation through Value addition
7.	**Performance of the Technology with performance indicators**	1) Sensory analysis (fried in edible refined oil) Taste, Texture (crispness), Colour, Flavour, Overall acceptability 2) Packaging material – Metalized polyester 200 gauge 3) Self-life (0,15,30,45,60,75 days at ambient condition)
8.	**Final recommendation for micro level situation**	T.O. II was found more economical.
9.	**Constraints identified and feedback for research**	Lack of knowledge
10.	**Process of farmers participation and their reaction**	Farmers prospectives

Result with table and Photographs:

Table: Sensory Evaluation

T.O.	Detail of technology options	No of trials	Taste	Texture	Colour	Flavour	Overall acceptability	Self-life	Gross Cost (Rs)	Gross Return (Rs)	Net Return (Rs)	B:C ratio
Control	Local people consume fresh potatos as such as vegetables.	10	6.8	6.2	6.1	6.9	6.5	Best before 1 days	55	90	35	1.63
T.O. I	Preparation of potato flakes – Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g		7.1	6.9	6.7	7.3	7.0	60 days	61	129	68	2.11
T.O. II	Preparation of potato flakes – Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g, Acetic acid 50.0 ml.		7.2	7.1	7.5	7.8	7.4	75 days	72	157	85	2.18

Result- On farm trial on the topic of "**Assessment of preparation methods of Potato flakes for more self-life and enhancement of income."** was conducted during the year 2022 – 23 with 03 treatment and 10 replications. All the treatment gave good self-life with texture in comparison to farmers practices. Among the options tested, highest shelf life, colour, texture, taste and maximum Gross Return Rs. 157 with a B:C ratio 2.18 was observed when Preparation of potato flakes with Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g, Acetic acid 50.0 ml.







OFT: 6 of F.Y. 2023-24 **Discipline: Plant Pathology**

1.	**Title of On Farm Trial (OFT)**	**Assessment of efficacy of various fungicides in management of Sheath blight of Rice.**
2.	**Problem Diagnosed**	Heavy loss in yield of Rice due to sheath blight incidence.
3.	**Details of Technologies selected for assessment/ refinement (Mention either Assessed or Refined)**	**Farmers' Practice –** No fungicide spray **T.O. I –** Two sprays of validamycin 3% L@ 2 lit./ha. **T.O. II –** Two sprays of Propiconazole 25EC @500ml/ha **T.O. III –** Two sprays of Propiconazole 13.9% + Difenoconazole 13.9% EC @500ml/ha
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	RAU, Pusa
5.	**Replication**	7
6.	**Production system and thematic area**	Rice-Wheat/Chickpea, IDM
7.	**Performance of the Technology with performance indicators**	1) Disease intensity percent, 2) Yield, 3) Net return, 4) B:C ratio
8.	**Final recommendation for micro level situation**	T.O.III (Two sprays of Propiconazole 13.9% + Difenoconazole 13.9% EC @500ml/ha)
9.	**Constraints identified and feedback for research**	Lack of knowledge in disease & fungicides
10.	**Process of farmers participation and their reaction**	Farmers prospectives

Result with table:

Thematic area	Technology options with detailed treatments	Area (ha in crop)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
IDM	**Farmers' Practice –** No fungicide spray	1.5	1.5	47.35	63480	106679	43199	1.680
	T.O. I – Two sprays of validamycin 3% L@ 2 lit./ha.	1.5	1.5	54.37	66370	129254	62884	1.947
	T.O. II – Two sprays of Propiconazole 25EC @500ml/ha	1.5	1.5	55.72	66105	125537	59432	1.899
	T.O. III – Two sprays of Propiconazole 13.9% + Difenoconazole 13.9% EC @500ml/ha	1.5	1.5	62.66	68270	141172	72933	2.068

Data presented in table revealed that the minimum disease severity (14.39%), maximum yield (62.66 q/ha) and maximum B:C ratio (2.068) were found in plot with two sprays of Propiconazole 13.9% + Difenoconazole 13.9% EC @500ml/ha followed by plot spraying of Validamycin 3% L@ 2 lit./ha and maximum disease severity (62.43%), minimum yield (47.35 q/ha) and minimum B:C ratio (1.680) were found in Farmers' practoices plot which was no spray of fungicide.

OFT: 7 of F.Y. 2023-24 **Discipline: Vet. Sc. & A.H.**

1.	**Title of On Farm Trial (OFT)**	**Effect of supplementation of Shatavari (Asparagus racemosus) on production performance of lactating bovines.**
2.	**Problem Diagnosed**	Low milk production
3.	**Details of Technologies selected for assessment/ refinement (Mention either Assessed or Refined)**	**Control - Farmers' practice:** Normal feeding with available resource **T.O. I –** 50 gm mineral mixture per day for 60 days **T.O. II** – 50 gm mineral mixture + 50 gm Shatavari per day for 60 days
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	Guru Angad Dev Veterinary and Animal Sciences University, Ludhiāna, Punjab, India
5.	**Replication**	8
6.	**Production system and thematic area**	Farm stead, Dairy Management
7.	**Performance of the Technology with performance indicators**	Milk production and economics
8.	**Final recommendation for micro level situation**	Shatavari being lactogenic improve milk production.
9.	**Constraints identified and feedback for research**	Lack of knowledge of its application.
10.	**Process of farmers participation and their reaction**	Trainings, field visits and farmers perspective.

Result with table & Photographs:

Thematic area	Technology options with detailed treatments	Nos (in livestock)		Milk Yield (l/day)	Cost of cultivation (Rs./day)	Gross return (Rs/day)	Net return (Rs./day)	BC ratio
		Proposed	Actual					
Dairy Management	Control - Farmers' practice: Normal feeding with available resource	8	8	11.15	270.0	446.0	176.0	1.65
	T.O. I –50 gm mineral mixture per day for 60 days	8	8	11.60	276.0	464.0	188.0	1.68
	T.O. II – 50 gm mineral mixture + 50 gm Shatavari per day for 60 days	8	8	12.25	285.0	490.0	205.0	1.72

Average milk production per day in Control, T.O. I & T.O. II were 11.15, 11.60 & 12.25 Liters respectively. By taking in account the expenditure of feeding of Shatavari and Mineral Mixture, the cost benefit ration of the Control, T.O. I & T.O. II were 1.65, 1.68 & 1.72 respectively. The higher milk production in T.O. II may be due to lactogenic properties of Shatavari that improve the milk production and economical for feeding to dairy animals.

FT – 8 (F.Y. 2023-24) **Discipline: Vet. Sc. & A. H.**

1.	Title of On farm Trial (OFT)	**Assessment of deworming and chelated mineral mixture supplementation during pre-partum period on performance of goat.**
2.	Problem diagnosed	Low body weight and higher mortality of kids.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Control - Farmers' practice: No deworming and mineral mixture supplementation. T.O. I – Deworming with Fenbendazole 7.5 mg/Kg body weight. T.O. II – Deworming with Fenbendazole 7.5 mg/Kg body weight + Chelated mineral mixture (10g/day/goat) 30 days prior to parturition.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR
5.	Replication	8
6.	Production system and thematic area	Farm stead, Goatry
7.	Performance of the Technology with performance indicators	Birth weight of kids, weight of kids in two months & economics.
8.	Final recommendation for micro level situation	Improvement in birth weight of kids and milk production by Does.
9.	Constraints identified and feedback for research	Lack of knowledge.
10.	Process of farmers participation and their reaction	Trainings, field visits and farmers perspective.

Result with table and Photographs:

Thematic area	Technology options with detailed treatments	Nos (in livestock)		Birth weight of Kids (Kg)	Avg. body weight (Kg@2 Months)	Cost of cultivation (Rs./kid)	Gross return (Rs/kid)	Net return (Rs./kid)	BC ratio
		Proposed	Actual						
Goatry	**Control -** Farmers' practice: No deworming and mineral mixture supplementation.	8	8	0.98	1.50	275.0	500.0	125.0	1.81
	T.O. I – Deworming with Fenbendazole 7.5 mg/Kg body weight.	8	8	1.05	1.75	290.0	580.0	190.0	2.0
	T.O. II – Deworming with Fenbendazole 7.5 mg/Kg body weight + Chelated mineral mixture (10g/day/goat) 30 days prior to parturition.	8	8	1.20	2.15	305.0	650.0	240.0	2.13

The data represent that T.O. II, i.e. Pregnant Does fed Chelated Mineral Mixture (10g/day/goat) 30 days prior to parturition along with deworming produce kids of higher body weight. The growth of the kids were higher among T.O. II group of kids, it may be due to taking of optimum milk by the kids from their lactating Does and so more immunity and growth rate. At 2 months of age, average body weight Control, T.O. I and T.O. II group of kids were 1.50 Kg, 1.75 Kg and 2.15 Kg respectively. The increase body weight of T.O. II was more remunerative with the higher B:C ratio against rest of technology.

OFT – 9 (F.Y. 2023-24) **Discipline: Home Science**

1.	Title of On farm Trial (OFT)	**Assessment of preparation methods of ripe Mango fruits Papad/Bar.**
2.	Problem diagnosed	Local people consume fresh ripe mango as such as fruits.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers' practice –** Local people consume ripe many fruits as such as ripe. **T.O. I –** Preparation of mango papad from ripe mango *Formulation – Ingredients* Mango Pulp – 1Kg, Sugar – 100gm, Citric acid – 5.0g, Potassium Metabisulfite – 1.0 gm, candaman flavour – 5 pc **T.O. II –**Preparation of mango papad from ripe mango with ginger extract (5gm) and black salt (5 gm) ***Formulation – Ingredients –*** Ripe mango pulp – 1 Kg, Sugar – 100 gm, Citric acid – 5 gm, Potassium Metabisulfite - 1.0 gm + Ginger extract – 5gm + Black Salt – 5gm
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Directorate of Research on women in Agriculture, Bhubaneshwar, Odisha
5.	Replication	10
6.	Production system and thematic area	Farm instead, Value addition
7.	Performance of the Technology with performance indicators	Sensory analysis (Taste, Texture, Colour, Flavour, Overall acceptability) Self-life (15,30,45,60,75 days at ambient condition/refrigerated condition)
8.	Final recommendation for micro level situation	T.O. II had maximum self-life and economical too.
9.	Constraints identified and feedback for research	Lack of knowledge.
10.	Process of farmers participation and their reaction	Trainings and farmers perspective.

Table -1
Sensory Evaluation & Economics

			Sensory Evaluation						Economics			
Sr.no	**T.O.**	**No of trials**	**Taste**	**Texture**	**Colour**	**Flavour**	**Overall acceptability**	**Self-life**	**Gross cost (Rs)**	**Gross return (Rs)**	**Net return for (Rs)**	**B:C ratio**
Control	Local people consume ripe many fruits as such as ripe.		7.3	7.4	7.1	6.9	7.18	Best before 7 days	50	60	10	1.20

T.O.1	Preparation of mango papad from ripe mango *Formulation – Ingredients* Mango Pulp – 1Kg, Sugar – 100gm, Citric acid – 5.0g, Potassium Metabisulfite – 1.0 gm, candaman flavour – 5 pc	10	7.5	7.3	7.3	7.1	7.30	60 days	60	75	15	1.25
T.O.2	Preparation of mango papad from ripe mango with ginger extract (5gm) and black salt (5 gm) ***Formulation – Ingredients –*** Ripe mango pulp – 1 Kg, Sugar – 100 gm, Citric acid – 5 gm, Potassium Metabisulfite - 1.0 gm + Ginger extract – 5gm + Black Salt – 5gm		7.7	7.5	7.2	7.2	7.40	75 days	60	76	16	1.27

Result-

On farm trial on the topic of "**Assessment of preparation methods of ripe Mango fruits Papad/Bar..**"was conducted during the year 2023 – 24 with 03 treatment and 10 replications. All the treatment gave good self life with **Sensory Evaluation** in comparision to farmers practices. Among the options tested,highest shelf life,colour,texture,taste and maximum gross return 16 with a B:C ratio 1.27 was observed when Preparation of mango papad from ripe mango with Ripe mango pulp – 1 Kg, Sugar – 100 gm, Citric acid – 5 gm, Potassium Metabisulfite - 1.0 gm + Ginger extract – 5gm + Black Salt – 5gm

OFT: 10 of F.Y. 2023-24 **Discipline: Horticulture**

1.	**Title of On Farm Trial (OFT)**	**Assessment of fruit bagging in Guava for quality improvement.**
2.	**Problem Diagnosed**	Farmer cultivates guava for better price from a unit area and sale in distinct market for higher price. Farmer fetch inferior quality and lower marketability which is due to insect infestation and spots.
3.	**Details of Technologies selected for assessment/ refinement (Mention either Assessed or Refined)**	Control – Farmers Practice: No bagging T.O. I – Cellophane bag cover T.O. II – Paper bagging
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	BAU, Sabour
5.	**Replication**	10 (5 plant/treatment)
6.	**Production system and thematic area**	Guava, IPM
7.	**Performance of the Technology with performance indicators**	1) Days to maturity, 2) Fruit fly damage (%), 3) Disease incidence, 4) Physical damage, 5) Fruit weight (g), 6) Appearance pulp colour, 7) Shelf life (days), 8) Yield per tree and 9) Economics (Rs./ha.)
8.	**Final recommendation for micro level situation**	-
9.	**Constraints identified and feedback for research**	-
10.	**Process of farmers participation and their reaction**	-

Result: Result awaited.

OFT: 11 of F.Y. 2023-24 **Discipline: Horticulture**

1.	**Title of On Farm Trial (OFT)**	**Crop regulation in Guava (Allahabad Safeda)**
2.	**Problem Diagnosed**	Low yield of winter guava
3.	**Details of Technologies selected for assessment/ refinement (Mention either Assessed or Refined)**	Control – Farmers Practice (Harvesting rainy season crops) T.O. I – Single spray of 10% urea in bloom stage (In May) T.O. II – Two spray of urea 10% in bloom stage at 10 days interval (In April-May) T.O. III – Pruning of 50% length of current season shoot (In May)
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	ICAR research complex for Palandu, Ranchi
5.	**Replication**	8 (5 plants/treatment)
6.	**Production system and thematic area**	Guava and vegetable, Small production system
7.	**Performance of the Technology with performance indicators**	1) Fruit weight (g), 2) Total yield (q / year) 3) Net return 4) B:C ratio
8.	**Final recommendation for micro level situation**	-
9.	**Constraints identified and feedback for research**	-
10.	**Process of farmers participation and their reaction**	-

Result: Result awaited

OFT: 12 of F.Y. 2023-24 **Discipline: Crop Production**

1.	**Title of On Farm Trial (OFT)**	**Improvement of Nitrogen use efficiency in wheat.**
2.	**Problem Diagnosed**	Reduction in soil organic carbon status of soil leading to adverse effect on soil health and ultimately unsustainable wheat yield.
3.	**Details of Technologies selected for assessment/ refinement (Mention either Assessed or Refined)**	Control – Farmers' practice – RDF (150:60:40::N:P2O5:K2O Kg/ha) T.O. I – 50% RDN + 100% P2O5 & K2O each + 1 Spray of Nano Urea (4ml/L water) at 35DAS T.O. II – 50% RDN + 100% P2O5 & K2O each + 2 Sprays of Nano urea (4ml/L water) at tillering (35DAS) and before flowering (55DAS)
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	OFT finalization workshop at BAU Sabour (1st to 3rd Sep. 2022)
5.	**Replication**	8
6.	**Production system and thematic area**	SPS, ICM
7.	**Performance of the Technology with performance indicators**	No. of effective tillers/m2, No. of filled grains/panicle, Panicle weight, Test weight, Grain yield, Straw yield, Economics and B:C ratio.
8.	**Final recommendation for micro level situation**	-
9.	**Constraints identified and feedback for research**	-
10.	**Process of farmers participation and their reaction**	-

Result with table: OFT is ongoing.

OFT: 13 of F.Y. 2023-24 **Discipline: Home Science (Sr. Scientist & Head)**

1.	**Title of On Farm Trial (OFT)**	Assessment of different kind of preservatives (vinegar) for increasing shelf life of mushroom pickles.
2.	**Problem Diagnosed**	Rural people have no idea about nutrition, preservation and preservatives or increase shelf life of Mushroom product.
3.	**Details of Technologies selected for assessment/ refinement (Mention either Assessed or Refined)**	Farmer practices: - No use of chemical preservative T.O. I- Use of Apple vinegar T.O. II- Use of jamun vinegar
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	RAU, Pusa, Samastipur
5.	**Replication**	10
6.	**Production system and thematic area**	Farm instead, Value Addition
7.	**Performance of the Technology with performance indicators**	Quarterly evaluation of colour, taste, texture and shelf life
8.	**Final recommendation for micro level situation**	-
9.	**Constraints identified and feedback for research**	-
10.	**Process of farmers participation and their reaction**	-

Result with table: OFT is ongoing.

OFT: 14 of F.Y. 2023-24 **Discipline: Home Science**

1.	**Title of On Farm Trial (OFT)**	**Assessment of enrichment of Multigrain Aata on health status of lactating women.**
2.	**Problem Diagnosed**	Poor nutritional status of lactating women.
3.	**Details of Technologies selected for assessment/ refinement (Mention either Assessed or Refined)**	**Farmers' practice –** Local people consume wheat aata only. **T.O. I –** 65% Wheat flour + 15% Gram flour + 10% Ragi flour + 5% Bajara flour + 5% Soyabean flour **T.O. II –** 65% Wheat flour + 15% Gram flour + 10% Ragi flour + 10% Bajra flour
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	CSA, Kanpur
5.	**Replication**	10
6.	**Production system and thematic area**	Farm instead, Women and child care
7.	**Performance of the Technology with performance indicators**	Body weight, Sensory analysis (Taste, Texture, Colour, Flavour, Overall acceptability), cost (Rs/Kg)
8.	**Final recommendation for micro level situation**	-
9.	**Constraints identified and feedback for research**	-
10.	**Process of farmers participation and their reaction**	-

Result with table: OFT is ongoing.

Please provide all the OFTs in same format Photographs in jpg. (Attach separately also with captions)

3.3 ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS (FLD)

A. Overall achievements of FLDs conducted during the year 2023

S. No.	Crop category	No. of FLD	Area (ha) or Unit (Nos.)	No of beneficiaries	Yield in Demo (q/ha)	Yield in check (q/ha)
1.	Cereals (Paddy)	01	27.0	55	49.50	41.25
2.	Cereals (Finger Millets)	01	0.4	8		
3.	Cereals (Wheat)	01	3	14	Crop standing	Crop standing
4.	Oil Seed (Mustard)	01	4.0	20	Crop standing	Crop standing
5.	Pulses (Red gram)	01	9.0	92	Crop standing	Crop standing
6.	Pulses (Chickpea)	01	10.0	120	Crop standing	Crop standing
7.	Horticulture Crops (Bitter gourd)	01	0.4	25	105.6	84.18
8.	Horticulture Crops (Cabbage)	01	0.4	30	Crop standing	Crop standing
9.	Horticulture Crops (Veg. Saplings)	01	30000 Nos.	50	Crop standing	Crop standing
10.	Livestock (Dewormer for Dairy)	01	100 Nos.	50	7.10 l/day	6.55 l/day
11.	Livestock (Dewormer for Goat)	01	100 Nos.	40	84.5% (Survival rate)	61% (Survival rate)
12.	Livestock (Berseem)	01	2.0	50	Continue	
13.	Other enterprises (Button Mushroom)	02	60 Nos.	60	Result awaited	
14.	Other enterprises (Kitchen Garden - Millets)	01	1.1 ha	44	Result awaited	
15.	Other enterprises (Kitchen Garden)	01	100	100	Result awaited	
16.	Other enterprises (Ragi based supplement infant food)	01	30 Nos	30	Result awaited	
	Grand Total	17		788		

B. Details of FLDs conducted during the year 2023

1. Cereals

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Wheat – Biofortified (BHU25, BHU31) **(2022-23)**	Crop Production	Seed, seed treating chemicals	21	7.5	38.2	33.4	14.4	43900	87373	43473	1.99	41520	76701	35181	1.85
Wheat Biofortified Mini Kit (BHU25, BHU31) **(2022-23)**	Crop Production	Seed, seed treating chemicals	11	1.1	38.7	33.4	15.9	43900	88506	44606	2.01	41520	76701	35181	1.85
Finger Millets (var. Bhairvi) **(2023-24)**	Crop Production	Seed, Seed treating chemicals	8	0.4	8.75	7.4	18.24	17890	33852	15962	1.89	17650	28560	10910	1.62
Demonstration under SCSP															
Paddy (var. Sabour Shree) **(SC-SP 2023-24)**	Crop Production	Seed, Seed treatment with chemical	55	27.0	49.50	41.25	20.0	41965	103950	61985	2.47	39982	86625	46643	2.16
		Total	95	36.0											

2. Oilseeds (Demonstration under SCSP)

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Mustard (var. RH-725) **(SC-SP 2023-24)**	Crop Production	Seed	20	4.0	Crop standing										
Total			20	4.0											

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

3. Pulses (Demonstration under SCSP)

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Lentil (HUL-57) **(SCSP 2022-23)**	Crop Production	Seed, seed treating chemicals	27	4.0	9.13	8.00	14	24020	55575	31555	2.31	23600	48400	24000	2.05
Red gram (var. IPA-203) **(SCSP 2023-24)**	Crop Production	Seed	92	9.0	Crop standing										
Chickpea (var. GNG-2299) **(SC-SP 2023-24)**	Crop Production	Seed	120	10.0	Crop standing										
Total			239	23.0											

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

4. Horticultural crops (separately Fruit, Vegetables, Flower, Medicinal and aromatics, etc.

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Bitter gourd (var. Vishakha) **(2023-24)**	Crop Production	Seed	25	0.4	105.6	84.18	20.4	65540.50	211200.00	145659.50	3.2	63150.50	151524.00	88373.50	2.4
Cabbage (var. Green Wonder F1) **(2023-24)**	Crop Production	Seed	30	0.4	Crop standing										
Demonstration under SCSP															
Vegetable Sapling **(SC-SP 2023-24)**	Crop Production	Vegetable Sapling	50	30000 Nos.	Crop standing										
Total			105	0.8 ha & 30000 Nos.											

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

5. Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
		Total															

6. Demonstration details on crop hybrid varieties

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals										
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total Cereals										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total Oilseeds										
Pulses										

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl. specify)										
Total Pulses										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										
Total Veg. Crops										
Commercial Crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total Commercial Crops										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total Fodder Crops										

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

** BCR= GROSS RETURN/GROSS COST

7. Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy (Dewormer) (2023-24)	Animal Disease Management	Dewormers	50	100	7.10 l/day	6.55 l/day	8.40	-	-	4650	8450	3800	1.82	4605	7850	3245	1.70
Sheep and goat (Dewormer) (2023-24)	Goatry	Endoparasiticide + Liver tonic	40	100	84.5% (Survival rate)	61% (Survival rate)	38.50	-	-	625	2000	1375	3.20	550	1525	975	2.77
Others, Fodder Crop (Berseem) (2022-23)	Fodder Production	Seed demo.	47	2.0 ha	518 q/ha	445 q/ha	16.40	-	-	25725	104550	78825	4.06	23850	88340	64490	3.70
Others, Fodder Crop (Berseem) (2023-24)	Fodder Production	Seed demo.	50	2.0 ha	Crop standing												
Buffalo																	
Rabbitry																	
Piggery																	
Sheep and goat																	
Duckery																	
Demonstration under SCSP																	
Feed supplement for animals (Cow) (SCSP) – 2022-23	Feed Management	Mineral supplements	13	13	7.85 l/day	7.20 l/day	9.0	-	-	4250	7065	2815	1.66	4130	6480	2350	1.57
Poultry farming (SCSP) – 2022-23	Poultry farming	Breed demo.	75	75 (750 chicks)	2.25 (Body weight Kg@5 Months)	1.65 (Body weight Kg@5 Months)	36.36	18 (Egg laying @1 Month)	12 (Egg laying @1 Month)	560.0	1620.0	1060.0	2.89	510.0	1150.0	640.0	2.25
Total			275	288 Nos. & 4 ha													

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

** BCR= GROSS RETURN/GROSS COST

8. Fisheries

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

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

9. Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Button Mushroom **(2023-24)**	Enterprise development	30	30 Nos.	Result awaited												
Vermicompost																
Kitchen Garden (Veg. Seeds Kit) **(2022-23)**	Nutrition Management	100	100 [200 sq.m (each)]	225 Kg	220 Kg	2.27	-	-	1125	2400	1275	2.13	1000	1760	760	1.76
Kitchen Garden - Finger Millet (Bhairvi) & Sanwa (DHBM-933) **(2023-24)**	Nutrition Management	44	1.1 ha	Result awaited												
Ready to use infant food **(2023-24)**	Ragi based Supplementary food	30	30 Nos.	Result awaited												
Sericulture																
Apiculture																

Demonstration under SCSP																
Oyster mushroom **(SC-SP, 2022-23)**	Enterprise development	50	50 (2 kg spawn with full package)	18 bags per unit	12 Bags per unit	50.00	-	-	550	2700	2150	4.91	500	2160	1660	4.32
Button Mushroom **(SCSP 2023-24)**	Enterprise development	30	30 Nos.	Result awaited												
Demonstration under NARI Project																
Kitchen Garden **(NARI 2023-24)**	Nutrition Management	100	100 Nos.	Result awaited												
Total		**386**	**340 Nos. & 1.1 ha**													

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

10. Women empowerment

Name of technology	**No. of demonstrations**	**Name of technology**	**Observations**		**No. of Beneficiaries**
			Check	**Demonstration**	
Women					
Drudgery Reduction					
Enterprises					
Farming System					
Health and nutrition					
Kitchen Garden					
Nutrigarden					
Storage Technique					
Value addition					
Women Empowerment					
Others					
Total - Women					
Children					
Health and nutrition					
Others					
Total - Children					
Other if any					
Total others					
Grand Total	0	0			

11. Farm implements and machinery

Category	No. of FLDs	Name of the implement	Crop	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)	Cost reduction (Rs./ha or Rs./Unit)
						Demonstration	Check			
Sowing and planting tools and machineries										
Total Sowing and planting Machineries										
Intercultural operation tools and machineries										
Irrigation management tools and machineries										
Plant protection tools and machineries										
Harvesting tools and machineries										
Postharvest processing tools and machineries										
Total mechanization tools and machineries										
Others										
Total of Others										

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

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days				
2.	Farmers Training				
3.	Media coverage				
4.	Training for extension functionaries				

Technical Feedback on the demonstrated technologies (if any)

Sl. No	Crop	Feed Back

A. PERFORMANCE OF THE DEMONSTRATION UNDER CFLD ON PULSE AND OILSEED CROPS (CFLD) (During Kharif, Rabi and Summer)

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif, Rabi and summer 2022-23

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha) 7 years	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1.	Chick Pea **(FY 2022-23)**	Local variety (Small seed size)	7.07	786	980	1800-2000	RVG-202	69	20	14.6	8.3	9.84	25.19	0.40	-45.33
2.	Lentil **(FY 2022-23)**	Local variety (Small seed size)	6.75	890	932	1400-1800	IPL-220 + Bio-fertilizer + Weedicide + Sulfur	68	20	10.71	6.5	8.60	-3.3	-7.7	-38.57
3.	Summer Moong **(FY 2022-23)**	Local	6.74	776	695	1300-1600	Shikha + Seed, Rhizobium, PSB, Sulphur, Weedicide, Imidacloprid, Saaf	66	20	9.76	5.4	8.38	7.98	20.57	-35.5
4.	Lentil **(FY 2023-24)**	Local variety (Small seed size)	6.75	890	932	1800-2000	IPL-316 + Bio-fertilizer	70	20	Crop Standing					

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1.	**Chick Pea** RVG-202 **(2022-23)**	23720	41136	17416	1.73	27970	56403	28433	2.01
2.	**Lentil** IPL-220 + Bio-fertilizer + Weedicide + Sulfur **(2022-23)**	22672	39936	17264	1.76	24390	51760	27370	2.12

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
3.	**Summer Moong** Shikha + Seed, Rhizobium, PSB, Sulphur, Weedicide, Imidachlorpid, Saaf **(2022-23)**	19480	52668	32778	2.68	21455	64986	43551	3.02
4.	**Lentil** IPL-316 + Bio-fertilizer **(2023-24)**	Crop Standing							

C. Socio-economic impact parameters 2022-23

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/ house hold)
1.	Chick Pea (RVG-202)	984	759.0	65.0	100	125	Household expenditure, Children education, health	12
2.	Lentil (IPL-220)	860	710.0	55.0	60	90	Household expenditure, Children education, health	12
3.	Summer Moong (Shikha)	838	768.0	75.0	20	50	Household expenditure and children expenditure and health issue	18

D. Pulses/Oilseed Farmers' perception of the intervention demonstrated 2022-23

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

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmers attended
1.	Trainings	23-11-2022 (KVK Arwal)	30
		24-11-2022 (KVK Arwal)	30
		03-04-2023 (KVK Arwal)	26
		06-04-2023 (KVK Arwal)	24
		02-12-2023 (KVK Arwal)	28
		05-12-2023 (KVK Arwal)	21
		08-12-2023 (KVK Arwal)	19

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

H. Farmers' training photographs

I. Quality Action Photographs of field visits/field days and technology demonstrated.

J. Details of budget utilization

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

3.4 ACHIEVEMENTS ON TRAINING /CAPACITY BUILDING PROGRAMMES

(Mandated KVK trainings/sponsored training /FLD training programmes):

A. Farmers and farm women including the sponsored training programme (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	1	15	10	25	0	13	13	0	0	0	15	23	38
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	1	60	2	62	7	4	11	0	0	0	67	6	73
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture	0	0	0	0	0	0	0	0	0	0	0	0	0
a) Vegetable Crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	1	7	2	9	8	4	12	0	0	0	15	6	21
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	4	20	11	31	33	24	57	0	0	0	53	35	88
Production of low volume and high value crops	2	9	17	26	6	25	31	0	0	0	15	42	57
Off-season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	1	0	0	0	22	7	29	0	0	0	22	7	29
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	1	10	2	12	5	13	18	0	0	0	15	15	30
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairy Management	1	1	0	1	5	14	19	0	0	0	6	14	20
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed management	1	25	2	27	6	0	6	0	0	0	31	2	33
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	0	19	19	0	14	14	0	0	0	0	33	33
V. Home Science/Women empowerment	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security by kitchen gardening and nutrition gardening	4	35	32	67	3	40	43	0	0	0	38	72	110
Design and development of low/minimum cost diet	1	0	11	11	0	4	4	0	0	0	0	15	15
Designing and development for high nutrient efficiency diet	1	0	7	7	0	8	8	0	0	0	0	15	15
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	2	2	17	19	0	32	32	0	0	0	2	49	51
Value addition	2	0	36	36	0	28	28	0	0	0	0	64	64
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	0	17	17	0	11	11	0	0	0	0	28	28
VI. Agril. Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
VII. Plant Protection	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	6	123	6	129	7	1	8	0	0	0	130	7	137
Integrated Disease Management	1	23	1	24	0	0	0	0	0	0	23	1	24
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	3	36	7	43	31	14	45	0	0	0	67	21	88
VIII. Fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**35**	**366**	**199**	**565**	**133**	**256**	**389**	**0**	**0**	**0**	**499**	**455**	**954**

B) Rural Youth Including the sponsored training programmes (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	2	2	31	33	0	15	15	0	0	0	2	46	48
Bee-keeping	1	9	11	20	21	15	36	0	0	0	30	26	56
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	1	13	3	16	5	2	7	0	0	0	18	5	23
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	1	0	0	0	8	22	30	0	0	0	8	22	30
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	2	0	11	11	0	47	47	0	0	0	0	58	58
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	2	35	3	38	18	1	19	0	0	0	53	4	57
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	1	0	10	10	0	10	10	0	0	0	0	20	20
Enterprise development	1	0	10	10	0	20	20	0	0	0	0	30	30
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**11**	**59**	**79**	**138**	**52**	**132**	**184**	**0**	**0**	**0**	**111**	**211**	**322**

C) Extension Personnel Including the sponsored training programmes (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	1	18	1	19	9	0	9	0	0	0	27	1	28
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	15	15	0	1	1	0	0	0	0	16	16
Protected cultivation technology	1	0	18	18	0	4	4	0	0	0	0	22	22

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	1	0	15	15	0	2	2	0	0	0	0	17	17
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**4**	**18**	**49**	**67**	**9**	**7**	**16**	**0**	**0**	**0**	**27**	**56**	**83**

D) Farmers and farm women Including the sponsored training programmes (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	4	55	0	55	9	0	9	0	0	0	64	0	64
Resource Conservation Technologies	1	15	0	15	3	0	3	0	0	0	18	0	18
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	3	72	0	72	3	0	3	0	0	0	75	0	75
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	1	14	0	14	2	0	2	0	0	0	16	0	16
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	15	240	2	242	25	4	29	0	0	0	265	6	271
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	4	55	0	55	4	0	4	0	0	0	59	0	59
II. Horticulture	0	0	0	0	0	0	0	0	0	0	0	0	0
a) Vegetable Crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	1	18	2	20	3	0	3	0	0	0	21	2	23
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	3	24	8	32	17	23	40	0	0	0	41	31	72
Production of low volume and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	1	0	0	0	15	8	23	0	0	0	15	8	23
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	0	0	0	8	15	23	0	0	0	8	15	23
c) Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	1	13	1	14	4	3	7	0	0	0	17	4	21
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairy Management	3	23	8	31	12	14	26	0	0	0	35	22	57
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	6	76	13	89	14	46	60	0	0	0	90	59	149
Feed management	2	13	11	24	4	6	10	0	0	0	17	17	34
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	2	5	18	23	6	17	23	0	0	0	11	35	46
V. Home Science/Women empowerment	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security by kitchen gardening and nutrition gardening	6	9	77	86	0	15	15	0	0	0	9	92	101
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	2	0	23	23	0	15	15	0	0	0	0	38	38
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	2	0	39	39	0	17	17	0	0	0	0	56	56
Enterprise development	5	206	15	221	6	0	6	0	0	0	212	15	227
Value addition	8	143	40	183	24	22	46	0	0	0	167	62	229

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	1	22	0	22	0	0	0	0	0	0	22	0	22
Women and child care	6	0	49	49	0	46	46	0	0	0	0	95	95
Others, if any	4	27	48	75	1	25	26	0	0	0	28	73	101
VI. Agril. Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	8	179	11	190	22	1	23	0	0	0	201	12	213
Integrated Disease Management	4	88	1	89	14	2	16	0	0	0	102	3	105
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	4	193	7	200	10	0	10	0	0	0	203	7	210
VIII. Fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**98**	**1490**	**373**	**1863**	**206**	**279**	**485**	**0**	**0**	**0**	**1696**	**652**	**2348**

E) RURAL YOUTH Including the sponsored training programmes (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	2	0	33	33	0	1	1	0	0	0	0	34	34
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	2	0	30	30	0	10	10	0	0	0	0	40	40
TOTAL	**4**	**0**	**63**	**63**	**0**	**11**	**11**	**0**	**0**	**0**	**0**	**74**	**74**

F) Extension Personnel Including the sponsored training programmes (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	18	1	19	5	0	5	0	0	0	23	1	24
Integrated Pest Management	1	24	1	25	4	1	5	0	0	0	28	2	30
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	1	24	1	25	4	1	5	0	0	0	28	2	30
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	22	3	25	4	1	5	0	0	0	26	4	30
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	1	21	0	21	4	0	4	0	0	0	25	0	25
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**5**	**109**	**6**	**115**	**21**	**3**	**24**	**0**	**0**	**0**	**130**	**9**	**139**

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	4	55	0	55	9	0	9	0	0	0	64	0	64
Resource Conservation Technologies	1	15	0	15	3	0	3	0	0	0	18	0	18
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	4	87	10	97	3	13	16	0	0	0	90	23	113
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	1	14	0	14	2	0	2	0	0	0	16	0	16
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	16	300	4	304	32	8	40	0	0	0	332	12	344
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	4	55	0	55	4	0	4	0	0	0	59	0	59
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	2	25	4	29	11	4	15	0	0	0	36	8	44
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	7	44	19	63	50	47	97	0	0	0	94	66	160

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of low volume and high value crops	2	9	17	26	6	25	31	0	0	0	15	42	57
Off-season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	2	0	0	0	37	15	52	0	0	0	37	15	52
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits													
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	0	0	0	8	15	23	0	0	0	8	15	23
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	1	13	1	14	4	3	7	0	0	0	17	4	21
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	1	10	2	12	5	13	18	0	0	0	15	15	30
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management													
Dairy Management	4	24	8	32	17	28	45	0	0	0	41	36	77
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	6	76	13	89	14	46	60	0	0	0	90	59	149
Feed management	3	38	13	51	10	6	16	0	0	0	48	19	67
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	3	5	37	42	6	31	37	0	0	0	11	68	79
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	10	44	109	153	3	55	58	0	0	0	47	164	211
Design and development of low/minimum cost diet	1	0	11	11	0	4	4	0	0	0	0	15	15
Designing and development for high nutrient efficiency diet	3	0	30	30	0	23	23	0	0	0	0	53	53
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	2	0	39	39	0	17	17	0	0	0	0	56	56
Enterprise development	7	208	32	240	6	32	38	0	0	0	214	64	278
Value addition	10	143	76	219	24	50	74	0	0	0	167	126	293
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	1	22	0	22	0	0	0	0	0	0	22	0	22
Women and child care	6	0	49	49	0	46	46	0	0	0	0	95	95
Others, if any	5	27	65	92	1	36	37	0	0	0	28	101	129
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection													
Integrated Pest Management	14	302	17	319	29	2	31	0	0	0	331	19	350
Integrated Disease Management	5	111	2	113	14	2	16	0	0	0	125	4	129
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	7	229	14	243	41	14	55	0	0	0	270	28	298
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)													
TOTAL	**133**	**1856**	**572**	**2428**	**339**	**535**	**874**	**0**	**0**	**0**	**2195**	**1107**	**3302**

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Mushroom Production	2	2	31	33	0	15	15	0	0	0	2	46	48
Bee-keeping	1	9	11	20	21	15	36	0	0	0	30	26	56
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	1	13	3	16	5	2	7	0	0	0	18	5	23
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	1	0	0	0	8	22	30	0	0	0	8	22	30
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	4	0	44	44	0	48	48	0	0	0	0	92	92
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	2	35	3	38	18	1	19	0	0	0	53	4	57
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	1	0	10	10	0	10	10	0	0	0	0	20	20
Enterprise development	1	0	10	10	0	20	20	0	0	0	0	30	30
Others, if any	2	0	30	30	0	10	10	0	0	0	0	40	40
TOTAL	**15**	**59**	**142**	**201**	**52**	**143**	**195**	**0**	**0**	**0**	**111**	**285**	**396**

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	18	1	19	5	0	5	0	0	0	23	1	24
Integrated Pest Management	2	42	2	44	13	1	14	0	0	0	55	3	58
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	1	24	1	25	4	1	5	0	0	0	28	2	30
Value addition	1	0	15	15	0	1	1	0	0	0	0	16	16
Protected cultivation technology	1	0	18	18	0	4	4	0	0	0	0	22	22
Formation and Management of SHGs	1	22	3	25	4	1	5	0	0	0	26	4	30
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	1	21	0	21	4	0	4	0	0	0	25	0	25
Household food security	1	0	15	15	0	2	2	0	0	0	0	17	17
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**9**	**127**	**55**	**182**	**30**	**10**	**40**	**0**	**0**	**0**	**157**	**65**	**222**

Please furnish the details of training programmes as Annexure in the proforma given below **(Annexture-I, attached at end of Report)**

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of SC/ST			Number of participants (others)			Over all participants
					M	F	Total	M	F	Total	
Annexture-I, attached at end of Report											

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth (more than 4 days)

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			No. of persons employed else where
				Male	Female	Total	Type of units	No. of units	No. of persons employed	
Pickles	Preservation of fruit and vegetables	Preparation of Amla Murabba, Amla Pickles and Red Chilli Pickles	6	0	30	30				
Rural craft	Rural craft	Hand painting on cloths	7	0	20	20				
Dairy	Dairy Management	Scientific dairy farming	5	25	0	25	Self	4	4	-
Beekeeping	Beekeeping	Beekeeping	5	30	26	56				
Dairy	Dairy Management	Dairy Pashupalan - ek vyavshaay	5	28	4	32	Self	8	8	-
Millets	Value addition	Preparation of value-added product prepared by millets (Ragi, Bajra, Sanwa)	5	0	37	37				
Mushroom	Enterprise	Mushroom Cultivation	5	2	23	25	Self	5	5	-
TOTAL				**85**	**140**	**225**				

**Training title should specify the major technology /skill transferred*

I) Sponsored Training Programmes (*Annexture-II, attached at end of Report*)

Sl.	Title	Thematic area	Month	Duration (days)	Client PF/RY/EF	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
Annexture-II, attached at end of Report																	

Area of training	**No. of Courses**	**No. of Participants**											
		General			**SC**			**ST**			**Grand Total**		
		M	**F**	**Total**	**M**	**F**	**Total**	**M**	**F**	**Total**	**M**	**F**	**Total**
Crop production and management													
Increasing production and productivity of crops	16	310	0	310	20	0	20	0	0	0	330	0	330
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													
Other	09	256	24	280	42	27	69	0	0	0	298	51	349
Total	**25**	**566**	**24**	**590**	**62**	**27**	**89**	**0**	**0**	**0**	**628**	**51**	**679**
Post harvest technology and value addition													
Processing and value addition													
Other													
Total													
Farm machinery													
Farm machinery, tools and implements													
Other													
Total													
Livestock and fisheries													
Livestock production and management	01	49	1	50	0	0	0	0	0	0	49	1	50
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management													
Other	02	0	19	19	0	14	14	0	0	0	0	33	33
Total	**03**	**49**	**20**	**69**	**0**	**14**	**14**	**0**	**0**	**0**	**49**	**34**	**83**
Home Science													
Household nutritional security	17	230	136	366	6	91	97	0	0	0	236	227	463
Economic empowerment of women													
Drudgery reduction of women													
Other	04	87	26	113	12	14	26	0	0	0	99	40	139
Total	**23**	**362**	**166**	**528**	**22**	**108**	**130**	**0**	**0**	**0**	**384**	**274**	**658**
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total	**50**	**977**	**210**	**1187**	**84**	**149**	**233**	**0**	**0**	**0**	**1061**	**359**	**1420**

J. Information on ASCI Skill Development Training Programme funded by ICAR undertaken during 2023: NA

Total no. of training organized	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
-	-	-	-	-	-	-	-	-	-	-	-	-	-

K. Information on Skill Development Training Programme (other agency if any) if undertaken:

Total no of training organized	Name of QP/Job role	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
01	Agriculture Extension Service Provider	Agriculture Extension Service Provider	80	8	0	-	-	21	01	29	01	30	2,41,876/-

3.5. A. ACHEVEMENTS OF EXTENSION/OUTREACH ACTIVITIES

(Including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Kisan Mela (Organized)	0	0	0	0	0.00	0	0	0	0	0	0
Kisan Mela (Participation)	1	150	0	150	16.67	0	0	0	150	0	150
Field Day	2	34	12	46	20.08	0	0	0	34	12	46
Kisan Gosthi	4	27	31	58	21.21	0	0	0	27	31	58
Exhibition (Organized)	3	117	151	268	15.11	0	0	0	117	151	268
Exhibition (Participation)	1	60	15	75	0.00	0	0	0	60	15	75
Film Show	0	0	0	0	0.00	0	0	0	0	0	0
Method Demonstrations	0	0	0	0	0.00	0	0	0	0	0	0
Farmers Seminar	0	0	0	0	0.00	0	0	0	0	0	0
Workshop	0	0	0	0	0.00	0	0	0	0	0	0
Group meetings	0	0	0	0	0.00	0	0	0	0	0	0
Lectures delivered as resource persons	106	11965	11202	23167	19.79	0	0	0	11965	11202	23167
Advisory Services	2989	2651	338	2989	16.02	0	0	0	2651	338	2989
Scientist visit to farmers field	154	1819	392	2211	20.34	0	0	0	1819	392	2211
Farmers visit to KVK	6139	3826	2313	6139	27.95	0	0	0	3826	2313	6139
Diagnostic visits	34	276	7	283	13.99	0	0	0	276	7	283
Exposure visits	9	736	37	773	22.51	0	0	0	736	37	773
Ex-trainees Sammelan	0	0	0	0	0.00	0	0	0	0	0	0
Soil Health Camp	0	0	0	0	0.00	0	0	0	0	0	0
Animal Health Camp	0	0	0	0	0.00	0	0	0	0	0	0
Agri mobile clinic	0	0	0	0	0.00	0	0	0	0	0	0
Soil test campaigns	0	0	0	0	0.00	0	0	0	0	0	0
Farm Science Club Conveners meet	0	0	0	0	0.00	0	0	0	0	0	0
Self Help Group Conveners meetings	0	0	0	0	0.00	0	0	0	0	0	0

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Mahila Mandals Conveners meetings	0	0	0	0	0.00	0	0	0	0	0	0
Special Programme	15	128	340	468	29.27	0	0	0	128	340	468
Sankalp Se Siddhi	0	0	0	0	0.00	0	0	0	0	0	0
Swachhta Hi Sewa	21	118	416	534	24.56	0	0	0	118	416	534
Celebration of important days	18	803	1029	1832	33.96	0	0	0	803	1029	1832
Any Other (Specify)	0	0	0	0	0.00	0	0	0	0	0	0
Total	**9476**	**22710**	**16283**	**38993**	**281.453**	**0**	**0**	**0**	**22710**	**16283**	**38993**

B. Other Extension/content mobilization activities

Nature of Extension Activity	No. of activities
Newspaper coverage	25
Radio talks	01
TV talks	-
Popular articles published	13
Extension Literature (Bulletin)	02
Electronic media	-
Any other (Newsletter)	02
Any other (Farmers' WhatsApp Group)	02 Group (Mass Activities & Advisories)

C. Technology week celebration: NA

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

D. Celebration of important days in KVKs

Celebration of Important Days	No. of activities	Farmers			Extension Officials			Total		
		M	F	Total	M	F	Total	M	F	Total
Republic day (26th Jan.)	1	20	10	30	0	0	0	20	10	30
International wetland's day (2nd Feb.)	1	33	0	33	0	0	0	33	0	33
International Women's Day (8th Mar.)										
Ambedkar Jayanti (14th Apr.)										
World's Veterinary Day (Last week of April)										
World 'Milk Day										
World Environment Day (6th Jun.)	1	68	107	175	0	0	0	68	107	175
International Yoga Day (21st Jun.)	1	13	8	21	0	0	0	13	8	21
Independence Day (15th Aug.)	1	7	10	17	0	0	0	7	10	17
Parthenium Awareness Week	2	23	12	35	0	0	0	23	12	35
Nutrition Month (Sep.)	4	6	134	140	0	0	0	6	134	140
Hindi Diwas (14th Sep.)										
Gandhi Jayanti (2nd Oct.)										
Mahila Kisan Diwas (15th Oct.)	1	0	44	44	0	0	0	0	44	44
World Food Day (16th Oct.)	1	7	40	47	0	0	0	7	40	47
Vigilance Awareness Week										
National Unity Day (31st Oct.)										
World Science Day (10th Nov.)										
National Education Day (11th Nov.)										
Fisheries day (21 Nov)										
National Constitution Day (26th Nov.)										

World Soil Day (5th Dec.)	2	33	9	42	0	0	0	33	9	42
Kisan Diwas (23rd Dec.)	2	586	644	1230	0	0	0	586	644	1230
Any other day (Har Ghar Tiranga, 13th to 15th Dec 2023)	1	7	10	17	0	0	0	7	10	17

E. Interaction/Live telecast programme of Hon'ble PM/Hon'ble or Argil Minister

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total
1.	27-02-2023	Live telecast of 13th PM-Kisan Samman Nidhi Programme	Hon'ble PM	90	9	2	101
2.	27-07-2023	Live telecast of 14th PM-Kisan Samman Nidhi Programme	Hon'ble PM	106	11	2	119
3.	30-09-2023	Live telecast of Inauguration of Sankalp Saptah	Hon'ble PM	30	9	0	39
4.	13-10-2023	Kisano Se Baat Krishi Mantri Ke Sath - Hon'ble AM, GoB	Hon'ble AM, GoB	21	9	0	30
5.	03-11-2023	Inauguration of World Food India 2023	Hon'ble PM	24	10	0	34
6.	15-11-2023	Live telecast of 15th PM-Kisan Samman Nidhi Programme	Hon'ble PM	75	4	2	81
7.	09-12-2023	Viksit Bharat Sankalp Yatra	Hon'ble PM	29	11	0	40
8.	16-12-2023	Viksit Bharat Sankalp Yatra (Urban)	Hon'ble PM	12	6	0	16
9.	27-12-2023	Viksit Bharat Sankalp Yatra (Rural)	Hon'ble PM	13	9	0	22

3.5 a. Production and supply of Technological products

A. Seed production at seed village: NA

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

B. Seed production at KVK farm (Rabi 2022-23, Summer 2023 & Kharif 2023)

Type of seed produced	Crop & Variety	Quantity of seed Produced (q)	Seed Sold (q)	Value (Rs)	Number of farmers to whom seed provided			
					SC	ST	Other	Total
Cereals	Wheat (HD-2967)	35.55	28.0	1,26,000.00	6	0	49	55
	Wheat (HI-1563)	11.70	10.0	45,000.00	3	0	12	15
	Paddy (Sab. Sampanna)	155.80*	-	-				

	Paddy (R. Sweta)	40.50*	-	-				
	Pearl Millet (HHB-67)	1.05*	-	-				
	Barnyard Millet (DHBM 93-3)	0.78*	-	-				
Oil seed	Mustard (RH-725)	0.85	0.50	6000.00	8	0	42	50
Pulses	Lentil (HUL-57)	2.40	1.00	11000.00	0	0	12	12
	Lathyrus (Prateek)	0.10	0.10	300.00	0	0	3	3
	Green Gram (Virat)	0.81	-	-				
Green Manure								
Commercial crop	Potato (Local)	9.40	9.40	5640.00	Non-Seed			
Vegetables								
Fodder								
Spices								
Fruits								
Forest crop								
Ornamental/flower								
Medicinal								
Grand Total		**258.94**	**49.0**	**1,93,940.00**	**17**	**0**	**118**	**135**

** First weight*

C. Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower (Rabi 2022-23)	White Queen	5900	2950.00	5	0	20	25
Cabbage (Rabi 2022-23)	Green Wonder	3890	1945.00	7	0	15	22
Tomato (Rabi 2022-23)	Selection-22	5140	2570.00	10	0	10	20
Brinjal (Rabi 2022-23)	Akshay F1	5900	2950.00	2	0	14	16
Chilli (Rabi 2022-23)	Kohinoor 702 F1	5900	2950.00	5	0	5	10
Onion							
Others							
Commercial seedlings							
Mulberry							
Sugarcane,							
Sweet Potato							
Turmeric							
Zinger							
Others							
Fruits seedlings							
Mango							
Guava (Kharif 2023)	L49	500	-	-	-	-	-
Lime/Citrus (Kharif 2023)	Pant Lemon	500	-	-	-	-	-
Papaya							
Banana							
Ornamental plants							

Marigold							
Annual chrysanthemum							
Tuberose							
Others							
Medicinal and Aromatic							
Plantation							
Tuber Elephant yams							
Spices							
Grand Total		**27730**	**13365.00**	**29**	**0**	**64**	**93**

D. Forest species:

Crop	**Variety**	**No. of planting materials**	**Value (Rs)**	**Number of farmers to whom planting material provided**			
				SC	**ST**	**Other**	**Total**

E. Fodder crops saplings:

Crop	**Variety**	**No. of planting materials**	**Value (Rs)**	**Number of farmers to whom planting material provided**			
				SC	**ST**	**Other**	**Total**

F. Production of Bio-Products

Name of product	**Quantity (Kg)**	**Value (Rs.)**	**No. of Farmers benefitted**			
			SC	**ST**	**Other**	**Total**
Bio-fertilizers						
Bio-food (Spirulina etc)						
Bio-pesticide						
Bio-agents (Trichocard etc)						
Worms (earthworm, silk worms etc)						
Bio-fungicide						
Others, please specify (Biochar)	4800		Used in KVK Farm			
Total	**4800**					

G. Production of livestock & fisheries materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat							
Other, please specify							
Poultry							
Broilers							
Layers							
Duals (broiler and layer)							
Japanese Quail							
Turkey							
Emu							
Ducks							
Others (Pl. specify)							
Piggery							
Piglet							
Hog							
Others (Pl. specify)							
Rabbitry							
Fisheries							
Indian carp							
Exotic carp							
Mixed carp							
Fish fingerlings							
Spawn							
Others (Pl. specify)							
Grand Total							

H. SOIL & WATER TESTING

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

Sl. No	Name of the Equipment	Qty.
01	Mini Soil testing kit	01

b. Details of samples analyzed so far

Total number of soil samples analyzed till now		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
-	-	-

c. Detail of Soil, Water and Plant analysis at KVK (2023)

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

d. Details of World Soil Day Celebration

Sl. No.	No. of Activity conducted	Soil Health Cards distributed	No. of farmers benefitted	No. of VIPs Number of	Name (s) of VIP(s) involved if any	Total No. of Participants attended the program
1.	02	-	42	-	-	42

I. Activities under Rain Water Harvesting structure and micro irrigation system

S.No	No of training programme conducted	No. of demonstrations	No. of plant material produced	Visit by the farmers (No.)	Visit by the officials (No.)

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

1. Name of Seed Hub Centre:

Name of Nodal Officer:	
Address :	
e-mail :	
Phone No. : Mobile :	

2. Quality Seed Production of Pulses

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2023						
Rabi 2023						
Summer/ Spring 2023						

3. Financial Progress

Fund received (2016-17, 2017-18, 2019, 2020 and 2021)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17				
2017-18				
2018-19				
2019				
2020				
2021				
2022				
2023				

4. Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	
Nursery	
Animal sector	
Mushroom / other enterprises	
Others	

3.6 PUBLICATIONS, HUMAN RESOUSES DEVELOPMENT & AWARDS & RECOGNITION

A. Details of Research papers published by KVK (with full title, author & journal)

S.No	Item	Details of publication bibliographic form	NASS Rating
1	Research paper	-	-

B. Details of Other Publications

Particulars	Details of publication bibliographic form	No of copies published (if any)	No of copies distributed (if any)
Seminar/conference/ symposia papers			
Books			
Book Chapter			
Abstract	"Climate Change and Secondary Agriculture Adapting to New Realities" in National Seminar on Evolving Extension Science Towards Secondary Agriculture for Sustainable Development, 22-24, June 2023 at UAS, Bengaluru.	-	-

	"Combating Malnutrition Through Establishment of Nutri Garden At Anganwadi Centres In Khagaria District Of Bihar" in National Seminar on Evolving Extension Science Towards Secondary Agriculture for Sustainable Development, 22-24, June 2023 at UAS, Bengaluru.	-	-
Popular articles	Apni Kyari Apni Thali: An Innovative Model for Nutritional Security of Rural Woman and Children	e-Magazine	e-Magazine
	मूल्यवर्धित पोषक मोटा अनाज - स्वाद के साथ स्वास्थ्य	1000	1000
	बेबी कॉर्न - एक स्वादिष्ट एवं पौष्टिक आहार	1000	1000
	धान की उन्नत खेती में समेकित पोषक तत्व प्रबंधन	1000	1000
	मतस्य रोगों का नियंत्रण एवं रोकथाम	1000	1000
	कृषक उत्पादक संगठनों की स्थापना एवं संवर्धन	1000	1000
	ग्रामीण स्तर पर दुग्ध पदार्थों से बनने वाले मिठाइयों का निर्माण	1000	1000
	पोषण वाटिका - एक परिचय	1000	1000
	पशुओं में रेबीज रोग : प्राथमिक उपचार	1000	1000
	रागी है एक सुपर फूड	1000	1000
	सोयाबीन - पौष्टिक एवं बहुपयोगी	1000	1000
	फल एवं सब्जी परिरक्षण के बुनियादी सिद्धांत	1000	1000
Success story	Urge of experimenting new facilitates growth	100	100
	Dairy farming brings prosperity for farmer	100	100
	Millionaire Farmers	100	100
	Waste to Best Production	100	100
Bulletins	रागी की उन्नत खेती	1000	1000
	बाजरे की उन्नत उत्पादन तकनीक	1000	1000
Agro-advisory bulletins			
Extension Folders			
Technical reports			
News letter	कृषक समाचार (जुलाई 2023 से सितंबर 2023)	1000	1000
	कृषक समाचार (अक्टूबर 2023 से दिसंबर 2023)	1000	1000
Electronic Publication (CD/DVD etc)			
TOTAL		**15400**	**15400**

C. Details of HRD programmes undergone by KVK personnel

Sl. No.	Name of KVK personnel and designation	Name of course/training program attended	Date and Duration	Organizer/Venue
1.	Dr. Uday Prakash Narayan, SMS (Plant Pathology)	Awareness & Promotional Webinar on Organic & Natural Farming for KVKs	31-07-2023 (1 day)	National Centre for Organic & Natural Farming, New Delhi
2.	Dr. Uday Prakash Narayan, SMS (Plant Pathology)	State level workshop on Natural Farming	17-18 Sep 2023 (2 days)	ATARI-ICAR, Patna

3.	Dr. Anita Kumari, Sr. Scientist & Head	Importance and Use of Statistical Analysis in Agriculture and Allied Fields	14-18 Oct. 2023 (5 days) Virtual Mode	Society of Krishi Vigyan
4.	Dr. Uday Prakash Narayan, SMS (Plant Pathology)	Safe use of Glyphosate for PCOs	11 Oct 2023 (1 day)	NIPHM, Hyderabad
5.	Dr. Kavita Dalmia, SMS (Home Science)	National Seminar of Society of Krishi Vigyan	27-28 Oct 2023	Society of Krishi Vigyan

D. Details of attachment training (RAWE/ FET for ARS/Others) through KVK

Type of attachment	No of student trained	No of days stayed
-	-	-

E. Awards/Recognition

Institutional Award received by KVK

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

Award received by KVK Scientists

Sl.	Name of the Award	Name of the Scientist	Value in Amount/	Purpose	Conferring Authority
-	-	-	-	-	-

Award received by Farmers

Sl.	Name of the Award	Name of the Farmer	Address	Contact No.	Aadhar No.	Amount	Purpose	Conferring Authority
1.	Krishak Protsahan Puraskar	Smt. Anita Kumari	Vill – Koriyam, Block + Distt – Arwal	7979882975	707572357048	-	Innovative work	Bihar Agricultural University, Sabour, Bhagalpur
2.	Millionaire Farmer Award	Sri Dilip Kumar	Vill – Jhunathi, Block – Karpi, Distt – Arwal	7250853454	725842293104	-	Dairy Entrepren-eurship	Krishi Jagaran, New Delhi

3.7. TECHNOLOGY DEVLOPMENT

A. Give details of Innovative Methodology/Process/Product or Innovative Technology developed by KVK

Sl. No.	Name/ Title of the technology	Brief details of the Innovative Technology	Impact of the technology	Status of commercialization/Patent
-	-	-	-	-

B. Give details of Organic farming practiced/Indigenous Technology/ITK practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

Sl. No.	Enterprise	Brief details of the ITK Practiced	Purpose/Impact of ITK	Impact of the technology

Give details of by the farmer (if Any)

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)

C. Indicate the Specific Training Need Analysis Tools/Methodology followed by KVKs

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed

4. IMPACT

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

Name of specific technology/ skill transferred/training	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Mushroom Production	100	10	-	10000.00
Intervention in Cropping System • DSR – ZT Wheat – ZT Moong • PTR (AW&D) – INM Wheat – ZT Moong • PTR (INM) – ZT Wheat – ZT Moong	400	15	• Rs. 1,44,751/ha • Rs. 1,32,235/ha • Rs. 1,39,575/ha	• Rs. 2,09,311/ha • Rs. 1,75,675/ha • Rs. 1,83,373/ha

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

4.2. Cases of large-scale adoption (Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Mushroom Production	25 villages
Intervention in Cropping System • DSR – ZT Wheat – ZT Moong • PTR (AW&D) – INM Wheat – ZT Moong • PTR (INM) – ZT Wheat – ZT Moong	5 villages

Give information in the same format as in case studies

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

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms

4.4. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Mushroom Production
Name & complete address of the entrepreneur	Smt. Nagmani Devi (Vill – Muradpur Huzra, Distt - Arwal), Smt. Anita Kumari, (Vill – Koriyam, Distt - Arwal) Smt. Meena Devi (Vill – Muradpur Huzra, Distt - Arwal) Smt. Tanuja Kumari (Vill – Bara, Distt - Arwal)

Role of KVK with quantitative data support:	Providing seeds & trainings to about 100 farmers of the district for Mushroom Production
Timeline of the entrepreneurship development	2 years
Technical Components of the Enterprise	Improving productivity
Status of entrepreneur before and after the enterprise	Before – Unidentified After – Well conditioned & popularized
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Presently self-working for mushroom production, seed purchased from market or self-produced, Local level marketing of the raw mushroom as vegetables.
Horizontal spread of enterprise	25 villages

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

Success Story - 1

Name of farmer	Sri Rajeev Lochan
Address & Contact details (Phone, mobile, email Id)	Vill – Belsar, Block – Kaler District – Arwal (Bihar) Mob.: 9661648008
Assets (Landholding (in ha.)/Livestock)	Land: 1.21 ha (3 acre) Livestock: Cattle – 05 Buffalo – 01 Calves – 02 Gobar Gas Plant: 01
Name and description of the farm/ enterprise	Sri Rajeev Lochan is a successful youth dairy farmer presently having 5 lactating cattle at his farm, average milk yield about 25 to 30 liter/animal and 1 lactating buffalo. The farm is well organized and in scientific way to keep the livestock in healthy and productive condition. He markets milk through milk co-operative society and utilize the waste material/Gobar obtained from the animals in Gobar Gas Plant of 2 cubic meter capacity. He uses regularly 50 to 55 Kg Gobar with water that provide cooking gas almost equivalent to 2 LPG cylinder and sufficient for making food of his 6 members family.
Achievement of the farmers	The hard work and optimistic nature of Sri Rajeev Lochan make him successful in dairy sector. He gets trained as A.I. worker through Sudha Milk Co-operative and keep up in practical on the field in and around his village. It lead to some more improvement in his income. Beside it, he is also interested in well planned and scientific cultivation of agricultural crop by taking in account of present climate. He utilized the slurry obtained from the Gobar Gas Plant with irrigation water channel in his plot, that saves about 25-30% expenditure occurred in fertilizer.
KVK intervention (planning & Implementation)	His native village Belsar is near to KVK and in way of working field. So, he remains always in touch of KVK for successful performance of the dairy farm as well as crop cultivation. KVK every time guide for clean and hygienic in the farm for being a successful dairy entrepreneur.
Impact (Economic/ Social/Environmental)	With the dairy unit, Rajeev jee earn average Rs. 20,000/- monthly by selling the milk as well as with the Gobar Gas Plant indirectly save Rs. 1500 per month in the form of cooking gas, a replacement at the place of LPG. It also prevents global warming, favourable for the environment since in Gobar Gas Plant the methane gas

	obtained from the dung utilized as cooking gas. He uses minimum chemical fertilizer as possible as. The Gobar Gas Plant slurry utilized as manure for the cultivable crop that prevent the land deterioration and beneficial for microbes.
Outcome (Horizontal/ Vertical spread)	He is well identified youth entrepreneur in and around his locality due to his successful hard work and serving capacity as A.I. worker or the dairy farm. By inspiring 6 other families of the village also utilized their animal waste in Gobar Gas Plant as well as organic manure for the cultivable crop.
Activity photographs	 

Success Story - 2

Name of farmer	Sri Shashi Kant Sinha
Address & Contact details (Phone, mobile, email Id)	Vill – Belawan, Block – Kaler District – Arwal (Bihar) Mob.: 6207875947
Assets (Landholding (in ha.)/Livestock)	Land: 0.5 ha Livestock: Lactating Cattle – 03 Heifer – 02 Calf – 01
Name and description of the farm/ enterprise	The active youth of village Belawan Sri Shashi Kant Sinha is now a successful dairy farmer in the locality due to his hard-working ability and zeal to do something more. He has well-arranged dairy farm, maintaining clean and hygienic milk production for being healthy dairy unit, so get optimum benefits. Presently he has three lactating cows yielding average 14-15 liter milk per day and market it through milk co-operative societies.
Achievement of the farmers	He is Secretory of Belawan Milk Co-Operative Collection Center, in which about 90 members added for contribution of milk for marketing. He keeps all the members together in friendly way and always assist them. He performs his duty very transparently. All the members of the co-operative accompany him and adopted his farming techniques. He gets trained as A.I. worker through Sudha Milk Co-operative and keep-up in the field in and around his locality.

	Besides it, he cultivated crops in area about 0.5 ha scientifically and utilize decomposed animal waste/gobar in the field as manure so, minimize the chemical fertilizer application as possible. He also cultivates fodder crop in some area to available the green fodder for the animal round the year.
KVK intervention (planning & Implementation)	He along with a number of dairy farmers remain in regular touch with KVK for the all-farm activities. KVK planned on time to make available the need-based requirement and scientific guideline for successful farm operations.
Impact (Economic/ Social/Environmental)	The dairy farm and his work as A.I. person as well as animal attendant in the locality making earning about Rs. 20,000/- per month. It provides him the employment at his native place. Now he is able to educate his little children in well-organized way to secure their future. Beside it with the cultivation of crop at scientific pattern he is able to make available feed for the family and as well as farm animal round the year. It minimized their expenditure and lead to maximum gain.
Outcome (Horizontal/ Vertical spread)	Being a good speaker, he always spread his adoption of scientific techniques in farming system all-round the area and able to incorporate new commers towards successful path.
Activity photographs	 

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Sl. No.	Name of organization	Nature of linkage
1.	ICAR Complex for East region Patna	Technical know-how of water saving technology for different crop.
2.	Agricultural Technology Management Agency (ATMA), Arwal	Conduct training and demonstration in the farmers' field.
3.	District Agricultural Office, Arwal	Technical feedback, Human Resource development & transfer of technology.
4.	District Horticulture Office, Arwal	Technical feedback, Human Resource development & transfer of technology.
5.	District Dairy Development Office, Arwal	Technical feedback, Human Resource development & transfer of technology.
6.	District Animal Husbandry Office, Arwal	Technical feedback on dairy development
7.	Bihar Agricultural Management Extension Training Institute (BAMETI), Patna	Technical feedback, Human Resource development transfer of technology.
9.	Women & Child Development Dept., Arwal/ ICDS	Technical feedback, Human Resource development & transfer of technology.
10.	JEEVIKA, Arwal and other NGOs of the district	Capacity building of farmers, farm women and rural youth for income generation.
11.	NABARD	Creating Awareness on Agriculture among farmers and formation of Kisan club
12.	BSDM, Patna	Skill Development Training
13.	ASCI, New Delhi	Skill Development Training
14.	Other KVKs of the state	Seed & planting material, training and exposure visit of farmer.

5.2. Details of Externally funded project & Programmes during 2023 (Eg. ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies) (information of previous years should not be provided)

a) Programmes for infrastructure development

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

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

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

6. PERFORMANCE INDICATORS

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/ breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Biochar	2021	50	-	Biochar	48.0 q	8500.00	Used in Farm	-
2.	Poly house	2022	750	White Queen	Cauliflower	5900 Nos.	6000.00	13365.00	-

3.	Shade Net	2022	1000	Green Wonder Selection-22 Akshay F1 Kohinoor 702 F1 L49 Pant Lemon	Cabbage Tomato Brinjal Chilli Guava Lime/Citrus	3890 Nos. 5140 Nos. 5900 Nos. 5900 Nos. 500 Nos. 500 Nos.			
4.	Vermi Compost Unit	2023	25	-	-	-	-	-	Started
5.	Nutritional Garden	2023	100	-	-	-	-	-	Started
6.	Pond	2023	1750	-	-	-	-	-	Started
	Total		**3675**			**48q and 27730 Nos.**	**14500.00**	**13365.00**	

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty. (q)	Cost of inputs	Gross income	
Wheat	07-12-2023	-	3.0	HD-2967	C/S	35.55	-	126000.00	-
Wheat	20-12-2023	-	1.0	HI-1563	F/S	11.70	-	45000.00	-
Lentil	02-12-2023	-	1.0	HUL-57	F/S	2.40	-	11000.00	-
Paddy	15-07-2023	-	4.0	Sabour Sampanna	C/S	155.80*	-	-	Crop standing
Paddy	10-07-2023	-	1.0	R. Sweta	C/S	40.50*	-	-	

** First weight*

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Biochar	4800	8500/-	Used in KVK Farm	-

6.4. Performance of Instructional Farm (livestock and fisheries production)

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

6.5. Performance of Automatic Weather Station in KVK

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

6.6. Utilization of hostel facilities

Accommodation available (No. of beds)

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

(For whole of the year)

6.7 Utilization of staff quarters

- Whether staff quarters have been completed: Not completed
- No. of staff quarters:
- Date of completion:
- Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
RAU Unit Main Account Krishi Vigyan Kendra Arwal	Punjab National Bank	Arwal IFSC - PUNB0448400	4484002100000771
RAU Unit Revolving Fund Krishi Vigyan Kendra, Arwal	Punjab National Bank	Arwal IFSC - PUNB0448400	4484000100013373
UGPF/CPF Krishi Vigyan Kendra Arwal	Punjab National Bank	Arwal IFSC - PUNB0448400	4484000100058145
GIS Account Krishi Vigyan Kendra Arwal	Punjab National Bank	Arwal IFSC - PUNB0448400	4484000100030811
Cluster Frontline Demonstration on Pulses	Punjab National Bank	Arwal IFSC - PUNB0448400	4484000100166112
Cluster Frontline Demonstration on Oilseeds	Punjab National Bank	Arwal IFSC - PUNB0448400	4484000100166088
RPL/Up Scaling	Punjab National Bank	Arwal IFSC - PUNB0448400	4484000100166103
Skill Development Training Programme	Punjab National Bank	Arwal IFSC - PUNB0448400	4484000100166097

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
-	-	-	-	-	-

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2023
	Kharif	Rabi	Kharif	Rabi	
Lentil	-	0.0	-	1,10,238.00 (upto Dec.2023)	-

7.4. Utilization of KVK funds during the year 2023 (Not audited)

Sl.	Head	Sanctioned Amount (Rs.)	O.B. as on 01-04-2023	Fund received (Rs.)	Total (Rs.)	Expenditure (Rs.) (1st Apr. to 31st Dec. 2023)	Balance (Rs.)
1	Pay allowances	1,74,49,500.00	2,36,052.00	1,37,23,600.00	1,39,59,652.00	1,26,40,691.00	13,18,961.00
	TOTAL Pay (1)	**1,74,49,500.00**	**2,36,052.00**	**1,37,23,600.00**	**1,39,59,652.00**	**1,26,40,691.00**	**13,18,961.00**
2	TA	90,000.00	-	90,000.00	90,000.00	72,650.00	17,350.00
3	HRD	30,000.00	-	30,000.00	30,000.00	30,000.00	0.00

4	(i) Stationary/POL	4,00,000.00	-	4,00,000.00	4,00,000.00	4,31,762.00	-31,762.00
5	(ii) (1-a) Training of Farmers	6,25,000.00	-	6,21,000.00	6,21,000.00	2,02,529.00	2,33,991.00
	(1-b) Training Materials					24,805.00	
	(1-c) Training of Extension Functionaries					6,752.00	
	(1-d) Training of Rural Youth					37,980.00	
	(iii) FLD					71,435.00	
	(iv) OFT					43,508.00	
	(v) CNC-NARI	50,000.00	-	50,000.00	50,000.00	25,701.00	24,299.00
	(vi) Maintenance of building	40,000.00	-	40,000.00	40,000.00	30,457.00	9,543.00
	(vii) Extension activities/ Exhibition, Kisan Mela	25,000.00	-	25,000.00	25,000.00	0.00	25,000.00
	TOTAL Contingency (2 to 5)	**12,60,000.00**	**0.00**	**12,56,000.00**	**12,56,000.00**	**9,77,579.00**	**2,78,421.00**
6	SCSP General	3,50,000.00	-	1,82,000.00	1,82,000.00	2,40,427.00	-58,427.00
	SCSP Capital	1,20,000.00	-	58,800.00	58,800.00	0.00	58,800.00
	TOTAL SCSP (6)	**4,70,000.00**	**0.00**	**2,40,800.00**	**2,40,800.00**	**2,40,427.00**	**373.00**
7	CFLD Pulses	0.00	-	0.00	0.00	1,10,238.00	-1,10,238.00
	TOTAL CFLD Pulses (7)	**0.00**	**0.00**	**0.00**	**0.00**	**1,10,238.00**	**-1,10,238.00**

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2021 (2021-22)	**31,28,296.89**	**11,53,594.00**	**4,88,489.04**	**37,93,401.85**
2022 (2022-23)	**37,93,401.85**	**10,50,336.33**	**5,77,683.55**	**42,66,054.63**
2023 (2023-24)	**42,66,054.63**	**6,25,103.00**	**4,43,792.00**	**44,47,365.63 (Upto Dec. 2023)**

7.6. (i) Number of SHGs formed by KVKs
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both
Lectures delivered as resource persons on Beekeeping	1		ADH, Arwal	-	-
Farmers-Scientist Interface Programme	2	Rabi 2022-23	-	ATMA Arwal	-
Lectures delivered as resource persons in DAESI training programme	1		DAO Arwal		
Lectures delivered as resource persons on training of Input dealers	1		ADPP Arwal	-	-
Lectures delivered as resource persons on Beekeeping	1		ADH, Aurangabad	-	-
Lectures delivered as resource persons in different training programmes	19	Rabi, Kharif & Summer	-	ATMA Arwal	-
District level Kharif workshop	1	Kharif 2023	-	ATMA Arwal	
Lecture delivered in Kharif Abhiyan 2023	5	Kharif 2023	-	ATMA Arwal	

Lecture delivered as resource persons in different training programme	5		Soil Conservation Dept, Arwal	-	-
District level Rabi Abhiyan	1	Rabi 2023-24	-	ATMA Arwal	
Lecture delivered in Rabi Abhiyan 2023-24	5	Rabi 2023-24	-	ATMA Arwal	
Farmers-Scientist Interface Programme	2	Rabi 2023-24	-	ATMA Arwal	
Lectures delivered as resource persons on Milk Production	1		COMFED, Magadh Zone	-	-
Lectures delivered as resource persons on IPM in Rabi crops	2		BAMETI Patna	-	-
Training programme on Energy conservation in Agricultural sector	1		BREDA, Patna		
Lectures delivered as resource persons on IPM in Rabi Crops	1		ADPP, Arwal		

7.8 Revenue generation

Sl. No.	Name of Head	Income (Rs.)	Sponsoring agency
1.	Institutional charge	2000.00	ATMA, Arwal
2.			
3.			

7.9 Resource Generation

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

8. MISCELLANEOUS INFORMATION

8.1. Prevalent diseases in Crops

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

8.2. Prevalent diseases in Livestock/Fishery

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

8.3. Nehru Yuva Kendra (NYK) Training

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

8.4. PPV & FR Sensitization training Programme

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

8.5. KVK Portal and Mobile App

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

8.6 Details of KVK Portal (upto Dec. 2023)

No. of Events added by KVK	**No. of Facilities added by KVK**	**No. of filled Report on Package of Practices**				**No. of filled Profile Report**							
		Crop	Horticulture	Livestock	Fisheries	Employees	Posts	Finance	Soil Health Cards	Appliances	Crops	Resources	Fish
1933	09	1	0	2	0	11	8	1	2	8	7	3	4

8.7 Kisan Mobile Advisory Services/KMAS (m-Kisan Portal/National Farmers Portal/ SMS Portal)

Sl. No.	Discipline	No. of Advisories	No. of Messages (text+ videos)	Total messages	No. of Farmers
1.	Crop	-	-	-	-
2.	Livestock	-	-	-	-
3.	Weather	-	-	-	-
4.	Marketing	-	-	-	-
5.	Awareness	-	-	-	-
6.	Enterprises	-	-	-	-
7.	Others	-	01	01	10105
8.	Total	-	01	01	10105

8.5 Kisan Sarathi

Name of KVK	**No. of Farmers Registered on Portal**
KVK Arwal	5102

8.6. a. Observation of Swachhta hi Sewa (15th Sep. -2nd Oct 2023)

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
15-09-2023 to 02-10-2023	09 (Swachhta Pledge taken, Awareness programmes, cleaning drives at KVK & villages, Shramdaan Programme, Drawing competition etc)	85	129	38	252

b. Observation of Swachta Pakhwada (16th to 31st Dec 2023)

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
16-12-2023 to 31-12-2023	07 (Various awareness programmes, cleaning drives at KVK & villages, Celebration of Kisan Diwas etc)	38	1400	-	1438

c. Details of quarterly budget expenditure on Swachh activities including SAP

S.No	Activities	No of village covered	Total Expenditure (Rs.in Lakhs)
1.	Vermicomposting	-	**2000.00**
2.	Other than vermicomposting activities under Swachata		**92382.00**
	Total		**94382.00**

8.7. Details of '*Pre-Rabi Campaign*' Programme

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

8.8 . Viksit Bharat Sankalp Yatra (LLB and ULB)

Sl.	No of events attended	No. of Gram Panchayat covered	Total no of farmer participated	No of Lecture Delivered on Soil Health/ Natural Farming
1.	60	60 (Rural & Urban)	20929	64

Detail of Viksit Bharat Sankalp Yatra Activities –

Date	Name of district/ KVK	Name of KVK Scientist	Detailsof Gram Panchayat		Details of Lecture Delivered on Soil Health/Natural Farming		No. of Capacity Building Programs to be conducted on the date sheet				No. of people attended
			Name of Gram Panchayat	Number of Gram Panchayat	Name of Lecture Delivered on Soil Health/Natural Farming	Number of Lecture Delivered on Soil Health/ Natural Farming	No of activity	Male	Female	Total	

30-11-2023	Arwal	Dr. Anita Kumari, Dr. Uday Prakash Narayan	Sonbarsha & Sakri	2	Natural Farming Soil health management	4	4	225	106	331	331
01-12-2023	Arwal	Dr. Kavita Dalmia	Pyarechak & Washilpur	2	Use of wheat straw in preparation of compost for cultivation of button mushroom, Use of paddy straw in production of Oyester Mushroom	2	2	310	83	393	393
02-12-2023	Arwal	Dr. C. N. Choudhary	Khbhaini	1	Mrida Swasthya Ke Liye Mitti Jaanch	1	1	160	52	212	212
03-12-2023	Arwal	Dr. C. N. Choudhary	Sarauti	1	Soil health management & Soil health card	1	1	143	43	186	186
04-12-2023	Arwal	Dr. Uday Prakash Narayan	Parasi & Rampur Baina	2	Mushroom Production Natural Farming	2	2	169	136	305	305
05-12-2023	Arwal	Dr. Bibha Kumari	Bhadasi & Prakharpur	2	Pashupalan ka Prakritik Kheti me mahatva, Pashuon ke waste se mitti ki gunvatta me sudhaar	2	2	46	40	86	86
06-12-2023	Arwal	Dr. Kavita Dalmia	North Kaler & South Kaler	2	Establishment of Nutritional Garden, Food security by Kitchen Gardening	2	2	295	212	507	507
07-12-2023	Arwal	Dr. Bibha Kumari	Belsar & Pahleja	2	Care of calves, Care of animals in winter	2	2	22	18	40	40
08-12-2023	Arwal	Dr. Kavita Dalmia	Jaypur, & Teri	2	Importance of mushroom in daily life, Awareness about Millet recipe	2	2	238	209	447	447
09-12-2023	Arwal	Dr. Anita Kumari, Dr. Kavita Dalmia & Dr. Bibha Kumari	Injor & Balidad	2	Natural farming, Mushroom Cultivation, Pashupalan & Use of animal waste in farming	4	4	149	92	241	241
10-12-2023	Arwal	Dr. C. N. Choudhary	Sakari Khurd & Ismilepur Koyal	0	0	0	0	0	0	0	0
11-12-2023	Arwal	Sri Ajay Kumar Das	Sohsa & Kamta	2	Hightech horticulture in natural farming, Natural farming in vegetable cultivation	2	2	135	250	385	385
12-12-2023	Arwal	Sri Ajay Kumar Das	Belawan & Mainpura	2	Resource generation through Protected Cultivation, Natural farming in vegetable cultivation	2	2	485	625	1110	1110
13-12-2023	Arwal	Sri Ajay Kumar Das	Bambhai & Usari	2	Natural farming in vegetable cultivation, Hightech horticulture for revenue generation	2	2	360	645	1005	1005
14-12-2023	Arwal	Dr. Bibha Kumari	Kinjer & Pariyari	2	Matasya palan se aamdani, Pashupalan me sambhawnayen	2	2	520	495	1015	1015
15-12-2023	Arwal	Dr. Uday Prakash Narayan	Purainiya Shekha & Nagwan	2	Natural Farming	2	2	735	702	1437	1437
16-12-2023	Arwal	Dr. Bibha Kumari	Khachsa & Aiyara	2	Prakritik Kheti Ke Mahatwa, Pashupalan me rojgaar	2	2	447	485	932	932
17-12-2023	Arwal	Dr. Santosh Kumar	Murari & Nagra	2	Soil testing	2	2	520	510	1030	1030
18-12-2023	Arwal	Sri Ajay Kumar Das	Khajuri & Rohaai	2	Mitti ki janch karwane ke tarike ewam labhkari kheti, Natural farming in Veg. cultivation	2	2	409	556	965	965
19-12-2023	Arwal	Sri Ajay Kumar Das	Puraan & Chauhar	2	Soil health care & farming, Natural farming and horticulture	2	2	501	700	1201	1201
20-12-2023	Arwal	Sri Ajay Kumar Das	Karpi & Dorrah	2	Natural farming in vegetable, Natural farming in horticultural crops	2	2	370	551	921	921
21-12-2023	Arwal	Dr. Santosh Kumar	Keyal & Rampur Chay	2	Natural farming, Soil health Management	2	2	540	450	990	990
22-12-2023	Arwal	Sri Ajay Kumar Das	Belkhara & Shahar telpa	2	Soil health care, Natural farming	2	2	229	398	627	627
23-12-2023	Arwal	Dr. Uday Prakash Narayan	Manikpur & Nidhwan	2	Soil Health management & Natural Farming	2	2	586	644	1230	1230
24-12-2023	Arwal	Dr. C. N. Choudhary	Ibrahimpur & Dhamaul	2	Soil health management & Natural farming	2	2	292	196	488	488

25-12-2023	Arwal	Dr. C. N. Choudhary	Pinjarwa & Kodmarai	2	Soil Health & Natural farming	2	2	312	212	524	524
26-12-2023	Arwal	Sri Ajay Kumar Das	Bara & Sachai	2	Natural farming in vegetable cultivation, Sustainability in farming	2	2	270	403	673	673
27-12-2023	Arwal	Dr. Bibha Kumari	Ahmedpur Harna & Nadaura	2	Natural farming & Pashupalan, Pashupalan me Rojgaar	2	2	510	405	915	915
28-12-2023	Arwal	Sri Ajay Kumar Das	Anua & Sherpur	2	Natural farming in horticultural, Soil health care and farming	2	2	265	446	711	711
29-12-2023	Arwal	Dr. Uday Prakash Narayan	Sonbhadra & Ghamandi	2	Importance of Soil health card, Natural Farming	2	2	399	456	855	855
30-12-2023	Arwal	Dr. C. N. Choudhary	Khadasin & Mali	2	Soil health management, Natural Farming	2	2	297	280	577	577
31-12-2023	Arwal	Dr. Santosh Kumar	Balaura & Khatangi	2	Soil health management, Natural farming	2	2	275	315	590	590
TOTAL				60	0	64	64	10214	10715	20929	20929

8.9. Contingent crop planning

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

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

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
-	-	-	-

10. List of other visitors (MP/MLA/DM/VC/Zila Parishad/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit
26-08-2023	Dr. Amrendra Kumar, Principal Scientist, ATARI, Zone-IV, Patna	SAC Meeting
26-08-2023	Dr. R. K. Sohane, DEE, BAU Sabour	SAC Meeting
02-12-2023	Dr. Ranjeet Kumar, RD, ARI Patna	Visit of KVK

11. PROJECT-WISE REPORTING (Applicable for KVKs identified under the given project)

11.1. Details of Cereal Systems Initiative for South Asia (CSISA)

- Year:
- Introduction / General Information:

Trial Name	Area covered	Variety name	Duration	Method of planting	Sowing	Grain Yield	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	BCR
Kharif										
Rabi										

11.2 Details of Tribal Sub Plan (TSP): NA

a. Achievements of physical output under TSP

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

b. Fund received under TSP in 2023-24 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2023

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

d. Location and Beneficiary Details during 2023

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

11.3. Details of Scheduled Caste Sub Plan (SCSP)

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	07	184
b.	Women		
c.	Rural Youths	01	21
d.	Extension Personnel	-	-
2)	OFT	No. of OFTs	No. of beneficiaries
		-	-
3)	FLD	No. of FLDs	No. of beneficiaries
	(Paddy, Red gram, Button Mushroom, Veg. Sapling, Chickpea, Mustard)	06	367
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		950	950
5)	Other activities		
a.	Participants in extension activities (No.)	1155	
b.	Production of seed (q)	-	
c.	Production of Planting material (No. in lakh)	0.30	
d.	Production of Livestock strains (No. in lakh)	-	
e.	Production of fingerlings (No. in lakh)	-	
f.	Testing of Soil, water, plant, manures samples (Nos.)	-	

11.4. NICRA (Technology Demonstration component) : NA

a. Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

b. Crop Management / Production

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	

c. Livestock and fisheries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

d. Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	

e. Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T

f. Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T

11.5. Formation and Promotion of FPOs as Cluster Based Business Organization (CBBOs)

S.No	No. of blocks allocated	Name of blocks	No. of FPOs registered	Average no of members per FPO	No. of FPO received Management cost	No. of FPO received Equity Grant	No. of FPOs doing business

Number of commodity-based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

S.No	Name of the FPO	Registration No and Date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
1.	Maa Vindhyavashini Farmers Producer Company Ltd.	-	Raj Kharsa, Kaler, Arwal	Fertilizer Marketing, Sattu & Paper plate production and marketing	Fertilizer, Sattu & Paper plate	179		

11.6. Nutri-Sensitive Agricultural Resources and Innovation (NARI)

a. Overall achievement

No. of Nutri smart village developed	Total Area covered	Total No of OFT organized	Total No. of FLD organized	No. of training/capacity development programme	Total No. of farmers/ beneficiaries	No of Extension programmes	Total No. of farmers/ beneficiaries
5		-	2	6	109	13	187

b. Details of OFT/FLD

OFT	-	-
Nutritional Garden	-	-
Bio-fortified Crops	-	-
Value addition (in no. of Unit or no. of Enterprise)	-	-
Other Enterprises (in no. of Unit or no. of Enterprise)	-	-
	Area (ha/ no. of Unit/Enterprise)	**No. of farmers/ beneficiaries**
FLD		
Nutritional Garden	100 units	100
Bio-fortified Crops		
Value addition (in no. of Unit or no. of Enterprise)	15 units	15
Other Enterprises (in no. of Unit or no. of Enterprise)		

c. Details of established Nutrition Garden in Nutri-Smart village

Sl.	Name of Nutri-Smart Village	Type of Nutrition Garden	Number	Area (sqm)	No. of beneficiaries
1.	Muradpur Huzra	Backyard/Kitchen Garden	100	200 sqm each	100
2.		Community level			
3.		Terrace Garden			
4.		Vertical Garden			
TOTAL					

d. Details of Bio-fortified crops used in Nutri-Smart village

Name of Nutri-Smart Village	Season	Activity (OFT/FLD)	Category of crop (cereal/ pulses/ oilseed/ fruits & veg./ others	Name of Crop	Variety	Area (ha)	No. of beneficiaries

e. Details of Value addition in Nutri-Smart village

Name of Nutri Smart Village	Name of Crop/ veg./ fruits/ other	Name of Value-added product	Activity (OFT/FLD)	No. of farmers/ beneficiaries
Muradpur Huzra	Lemon, Cauliflower, Muli	Pickles	FLD	15

f. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Sarwarpur	Kitchen garden	1	11
Muradpur Huzra	Kitchen garden	1	23
Jalwaiya	Kitchen garden	1	17
Kanchan Bigha	Kitchen garden	1	15
Bandhu Bigha	Kitchen garden	1	12
On Campus	Kitchen garden	1	31
Total		6	109

g. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
1) Muradpur Huzra 2) Jalwaiya 3) Sarwarpur 4) Kanchan Bigha 5) Bandhu Bigha	Scientist visit to farmers field	13	187
	Mobile Advisory services	Mass	Mass

h. Details of recipe contest (if applicable)

No of events organized	Name of location/village	No. of participants
01 (Millet Recipe Contest)	KVK Arwal	37

11.7 Attracting and Retaining Youth in Agriculture (ARYA)

Name of enterprises	**No. of entrepreneurial units established**	**No. of Training programs organized**	**No. of rural youth trained**		**No. of youth established units**		**Total entrepreneurial units formed**	**Total entrepreneurial units Functional**
			Male	**Female**	**Male**	**Female**		

11.8 Out-scaling of Natural Farming

a. Overall achievements

S.No	**Name of Activity**	**No. of activities**	**No. of beneficiaries**
1.	Awareness programme		
2.	Training programme		
3.	Demonstrations		

b. Details of Training programmes

S.No	**Name of training programme**	**Date**	**Location/Venue**	**No. of beneficiaries**

c. Details of Awareness programmes

S.No	**Name of Activity**	**Date**	**Location/Venue**	**No. of beneficiaries**

e. Details of Demonstrations

S.No	Name of Crop	Location of Demo.	Area of Demo.

11.9 District Agro Meteorological Unit (DAMU): NA

S. No	No. of Block agromet advisories send	No. of advisory bulletin published	No. of Farmers Awareness programmes organized	No. of farmers feedback received	No. of farmers received agromet advisory bulletin	No. of publication

11.10 KSHAMTA: NA

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

11.11 Agri-Drone: NA

S.No	Name on the project implementation center (PIC)	No. of kisan drones sanctioned	No. of kisan drones purchased by the PIC	Procurement of no of drones in process	Area covered under the kisan drone demonstration (ha)	No. of demonstration conducted	No. of Pilot training proposed	No. of Pilot training conducted

11.12 Integrated Farming System (IFS)

a. Details of KVK Demo. Unit

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

b. Activities under IFS

Sl. No.	Component Name	No. of KVKs under the Component	No. of Components established	Area (ha)	No. of Activities		No. of farmers benefited	
					Demo	Training	Demo	Training
1.								
2.								
3.								

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

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I					
II					
Total					

11.14 Any other programme organized by KVK, not covered above (CRA Programme)

Name of Project/Programme: **Climate Resilient Agriculture (CRA) Programme**
No. of village adopted: 05
Name of Villages: Mehandia, Usari, Shahar telpa, Kharasin, Ekraunja

Sl.	Season	Crop	Intervention	Demo Area (acre)
1.	Rabi 2022-23	Wheat	Zero tillage of wheat	397
2.		Maize	Raised Bed Planting of Maize	5
3.		Mustard	Raised bed planting of Mustard	10
4.		Lentil	Zero tillage of Lentil	70
5.		Chickpea	Zero tillage of Chickpea	80
6.		Wheat	Nutrient expert/green seeker based nutrient management/ INM	58
7.		Potato	Raised bed planting of Potato	3
			Total (Rabi 2022-23)	**623**
8.	Summer 2023	Green gram	Zero tillage of Mung bean	260
			Total (Summer 2023)	**260**
9.	Kharif 2023	Rice	Direct Seeded Rice with Climate Resilient Varieties	300
10.		Rice	Alternate wetting/drying irrigation in Rice	85
11.		Rice	Water harvesting and field bunding in Rice	40
12.		Rice	Green Seeker based Nutrient Management	150
13.		Rice	Community Irrigation/Sub-surface irrigation system (20 demo)	20
14.		-	Laser Land Leveling	60
			Total (Kharif 2023)	**655**
			GRAND TOTAL (Rabi + Summer + Kharif)	**1538**

12 <u>Good quality action photographs with caption in JPEG FORMAT SEPARATELY of overall achievements of KVK during the year (best 10)</u> – *Attached separately*

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Annexture-I (Training programme)

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of SC/ST			Number of participants (others)			Over all participants
					M	F	Total	M	F	Total	
Crop Production	PF	Weed Management in Wheat	1	OFF	2	0	2	13	0	13	15
Horticulture	PF	Package and practices of vegetable crops	1	ON	12	4	16	0	0	0	16
Horticulture	PF	Nursery management of vegetable crops	1	ON	22	7	29	0	0	0	29
Crop Production	PF	Weed Management in Wheat	1	OFF	1	0	1	16	0	16	17
Animal Science	PF	Common viral diseases of cattle	1	OFF	4	3	7	9	0	9	16
Horticulture	PF	Scientific cultivation of vegetable crops	1	ON	0	20	20	2	10	12	32
Plant Pathology	PF	IPM in Chickpea	1	ON	0	0	0	18	0	18	18
Animal Science	PF	Balance feeding of milch animal	1	OFF	1	2	3	6	5	11	14
Home Science	PF	Awareness about daily requirement of Nutrients	2	ON	0	4	4	0	11	11	15
Home Science	PF	Mushroom cultivation	1	OFF	3	0	3	45	1	46	49
Plant Pathology	PF	Mushroom cultivation	1	OFF	3	0	3	45	1	46	49
Animal Science	PF	LSD in dairy animals	1	OFF	0	0	0	49	1	50	50
Home Science	PF	Mushroom cultivation	1	OFF	0	0	0	48	6	54	54
Plant Pathology	PF	Mushroom cultivation	1	OFF	0	0	0	48	6	54	54
Animal Science	PF	Techniques of production enhancement of dairy animals	1	OFF	2	5	7	4	6	10	17
Horticulture	PF	Cultivation of summer vegetable	1	ON	6	8	14	4	2	6	20
Crop Production	PF	Nitrogen management in wheat	1	OFF	1	0	1	12	0	12	13
Crop Production	PF	Nitrogen management in wheat	1	OFF	0	0	0	17	0	17	17
Plant Pathology	PF	IPM in Chickpea and Lentil	1	ON	0	0	0	25	0	25	25
Horticulture	PF	Nutrient management of vegetable	1	ON	8	4	12	7	2	9	21
Home Science	PF	Mushroom cultivation	1	OFF	3	0	3	47	0	47	50
Home Science	PF	Mushroom cultivation	1	OFF	0	0	0	24	8	32	32
Home Science	PF	Mushroom cultivation	1	OFF	0	0	0	42	0	42	42
Plant Pathology	PF	Mushroom cultivation	1	OFF	0	0	0	42	0	42	42
Crop Production	PF	Popularization of millet crops	1	OFF	3	0	3	39	0	39	42
Plant Pathology	PF	Agriculture Extension Service Provider	10	ON	8	0	8	21	1	22	30
Home Science	PF	Awareness programme on production technology of millet recipes among farm women	1	OFF	10	0	10	30	9	39	49
Crop Production	PF	Cultivation of summer moong	1	OFF	0	0	0	14	0	14	14
Home Science	PF	Value addition in ragi bajra by making ragi bajra besan mix ladddu	1	OFF	0	10	10	0	10	10	20
Plant Pathology	PF	IPM in Mango orchard	1	OFF	3	0	3	16	0	16	19
Crop Production	PF	Importance of bio-fertilizers for summer moong	1	OFF	0	0	0	19	0	19	19
Home Science	PF	Awareness programme of millet for nutritional well-being	1	OFF	0	10	10	0	10	10	20
Home Science	PF	Awareness programme of millet for nutritional well-being	1	OFF	0	12	12	0	15	15	27
Animal Science	PF	Management of parasitic infection in dairy animal	1	OFF	2	4	6	8	7	15	21
Plant Pathology	PF	IPM in Moong	1	ON	0	0	0	24	2	26	26
Crop Production	PF	Cultivation of summer moong	1	OFF	0	0	0	15	0	15	15
Plant Pathology	PF	IDM in Moong	1	ON	0	0	0	23	1	24	24
Horticulture	PF	Scientific cultivation of summer vegetables	1	OFF	2	1	3	17	2	19	22
Home Science	PF	Care of new born baby	1	OFF	0	9	9	0	11	11	20
Crop Production	PF	Green Manuring	1	OFF	0	0	0	12	0	12	12

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of SC/ST			Number of participants (others)			Over all participants
					M	F	Total	M	F	Total	
Home Science	PF	Awareness programme on production technology of millet recipes among farm women	2	ON	0	14	14	0	17	17	31
Animal Science	PF	Benefit of Millet products & byproducts	2	ON	0	14	14	0	19	19	33
Horticulture	PF	Nutrient management of vegetable	1	OFF	3	0	3	18	2	20	23
Crop Production	PF	Green Manuring	1	OFF	3	0	3	14	0	14	17
Animal Science	PF	Care & management of goat in rural areas	1	OFF	1	7	8	0	12	12	20
Home Science	PF	Preparation of potato chips	1	ON	0	14	14	0	19	19	33
Home Science	PF	Cultivation of Sri –Ann/ Nutricereals	1	ON	0	13	13	15	10	25	38
Crop Production	PF	Cultivation of Millet	2	ON	0	13	13	15	10	25	38
Plant Pathology	PF	IPM in Moong	1	OFF	2	0	2	18	2	20	22
Crop Production	PF	Raising of Paddy nursery	1	OFF	4	2	6	11	2	13	19
Crop Production	PF	Resource Conservation	1	OFF	3	0	3	15	0	15	18
Animal Science	PF	Management of dairy animals in summer season	1	ON	5	14	19	1	0	1	20
Horticulture	PF	Crop Management in summer vegetables	1	OFF	5	4	9	7	6	13	22
Crop Production	PF	Raising of Paddy nursery	1	OFF	5	0	5	9	0	9	14
Horticulture	PF	Scientific cultivation of off season vegetable	1	ON	6	5	11	7	7	14	25
Crop Production	PF	DSR Technology	1	OFF	2	0	2	12	0	12	14
Crop Production	PF	Millet Production Technology	1	OFF	0	0	0	16	0	16	16
Home Science	PF	Importance of millets in daily diet	1	OFF	0	0	0	21	0	21	21
Crop Production	PF	Millet Production Technology	1	OFF	1	0	1	14	0	14	15
Home Science	PF	Preparation of homemade Atta with the use of ragi & bajra	1	OFF	2	3	5	13	2	15	20
Crop Production	PF	Paddy transplanting technique	1	OFF	0	0	0	15	0	15	15
Plant Pathology	PF	IPM in Rice	1	OFF	6	0	6	16	0	16	22
Home Science	PF	Importance of millet crop in kitchen garden	1	OFF	0	5	5	0	10	10	15
Crop Production	PF	Direct sowing of Rice by drum seeder	1	OFF	0	0	0	22	0	22	22
Home Science	PF	How to prepare nutritional garden	1	OFF	0	4	4	0	11	11	15
Animal Science	PF	Characteristic feature of breed of cattle	1	OFF	2	0	2	17	0	17	19
Home Science	PF	Cultivation of nutri-cereals and millets	1	ON	0	8	8	2	3	5	13
Plant Pathology	PF	IDM in Rice	1	OFF	4	0	4	20	0	20	24
Home Science	PF	Preparation of Ragi based Laddu	1	OFF	0	9	9	0	19	19	28
Crop Production	PF	Cultivation of millets	1	OFF	0	0	0	21	0	21	21
Home Science	PF	Cultivation of nutricereals and millets	1	OFF	0	0	0	22	0	22	22
Crop Production	PF	Importance of millet cultivation	1	ON	7	4	11	60	2	62	73
Home Science	PF	Household food security by Millet	1	OFF	0	3	3	0	23	23	26
Crop Production	PF	Management of aquatic weeds in Rice	1	OFF	3	0	3	11	0	11	14
Crop Production	PF	Weed management in Rice crop	1	OFF	3	0	3	15	0	15	18
Animal Science	PF	Management of common diseases of dairy animal	1	OFF	3	17	20	0	0	0	20
Plant Pathology	PF	IPM & IDM in Okra	1	OFF	4	1	5	23	3	26	31
Home Science	PF	Importance of millets in daily diet.	1	OFF	0	11	11	0	10	10	21
Plant Pathology	PF	IDM in Rice	1	OFF	0	0	0	36	0	36	36
Plant Pathology	PF	IPM in Rice & Millet	1	OFF	0	0	0	42	0	42	42
Crop Production	PF	Management of DSR	1	OFF	1	0	1	19	0	19	20
Animal Science	PF	Worm infestation in Animal & its prevention	1	OFF	3	19	22	0	0	0	22
Horticulture	PF	Root vegetable cultivation	1	OFF	4	3	7	13	1	14	21

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of SC/ST			Number of participants (others)			Over all participants
					M	F	Total	M	F	Total	
Home Science	PF	Causes of Malnutrition and importance of millets in daily life	1	ON	0	11	11	0	17	17	28
Home Science	PF	Preparation of ready to use food for infant	1	ON	0	8	8	0	7	7	15
Home Science	PF	Household food security by Kitchen gardening	1	OFF	0	0	0	3	17	20	20
Crop Production	PF	Water management in Paddy crop	1	OFF	2	0	2	14	0	14	16
Home Science	PF	Preparation of food for lactating women	1	OFF	0	9	9	0	6	6	15
Plant Pathology	PF	Resource Conservation Technology	1	OFF	7	0	7	58	0	58	65
Crop Production	PF	Water and Nitrogen management in Paddy crop	1	OFF	3	0	3	15	0	15	18
Home Science	PF	Preparation method of Multigrain aata for lactating women	1	OFF	0	13	13	0	5	5	18
Animal Science	PF	Prevention and precautionary measures for LSD (Lumpy Skin Disease)	1	OFF	2	3	5	10	5	15	20
Home Science	PF	Child care and their development	1	OFF	0	0	0	0	14	14	14
Plant Pathology	PF	Resource Conservation Technology	1	ON	15	10	25	5	0	5	30
Horticulture	PF	Cultivation of spice crop	1	ON	5	13	18	10	2	12	30
Crop Production	PF	Water and Nitrogen management in Paddy crop	1	OFF	4	0	4	18	0	18	22
Home Science	PF	Millets for nutritional well-being	1	ON	3	3	6	18	4	22	28
Plant Pathology	PF	Resource Conservation Technology	1	ON	8	4	12	10	6	16	28
Horticulture	PF	Cultivation of Rabi vegetable crops	1	ON	10	8	18	6	4	10	28
Crop Production	PF	Benefit of Millet cultivation	1	OFF	0	2	2	27	0	27	29
Home Science	PF	Value addition in millet by preparing millet recipe	1	OFF	2	0	2	27	0	27	29
Home Science	PF	Minimization of nutrient loss in processing	1	OFF	0	7	7	0	14	14	21
Home Science	PF	Post harvest management of millet crops	1	OFF	1	0	1	27	0	27	28
Home Science	PF	Food security by kitchen garden	1	OFF	0	7	7	0	7	7	14
Home Science	PF	Child care and their development	1	OFF	0	8	8	0	6	6	14
Home Science	PF	Minimization of nutrient loss in processing	1	OFF	0	10	10	0	25	25	35
Home Science	PF	Post harvest management of millet crops	1	OFF	10	0	10	22	0	22	32
Home Science	PF	Food security by kitchen garden	1	OFF	0	0	0	6	5	11	11
Animal Science	PF	Management of kids in winter	1	OFF	5	10	15	5	6	11	26
Plant Pathology	PF	IPM in Rabi pulses	1	OFF	6	0	6	19	0	19	25
Home Science	PF	How to develop good kitchen garden for good health	1	OFF	0	2	2	0	21	21	23
Home Science	PF	Daily requirement of nutrients	1	OFF	0	4	4	0	13	13	17
Horticulture	PF	Crop management of Rabi vegetables	1	ON	5	4	9	10	5	15	24
Home Science	PF	Food security by kitchen garden	1	OFF	0	4	4	0	13	13	17
Home Science	PF	Food security by kitchen garden	1	ON	0	16	16	0	15	15	31
Plant Pathology	PF	IDM in Wheat	1	OFF	4	0	4	14	0	14	18
Home Science	PF	Production technique of Button mushroom	1	ON	0	0	0	2	17	19	19
Animal Science	PF	Balance feeding of mulch animal	1	OFF	3	4	7	7	6	13	20
Home Science	PF	Cultivation of Button mushroom	1	ON	0	32	32	0	0	0	32
Animal Science	PF	Benefit of fodder feeding	1	ON	6	0	6	25	2	27	33
Horticulture	PF	Nursery management of Rabi vegetables	1	OFF	15	8	23	0	0	0	23
Plant Pathology	PF	Package of practices and IPM in Lentil	1	ON	5	0	5	21	2	23	28
Animal Science	PF	Care of animals in winter season	1	OFF	8	9	17	2	2	4	21
Plant Pathology	PF	Package of practices and IPM in Lentil	1	ON	0	0	0	20	1	21	21
Crop Production	PF	ZT in Rabi crops	1	OFF	2	0	2	14	0	14	16
Crop Production	PF	Fertilizer management in late sown wheat	1	OFF	3	0	3	12	0	12	15
Plant Pathology	PF	Package of practices and IPM in Lentil	1	ON	2	1	3	15	1	16	19

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of SC/ST			Number of participants (others)			Over all participants
					M	F	Total	M	F	Total	
Horticulture	PF	Crop management of Rabi vegetables	1	OFF	10	18	28	0	0	0	28
Horticulture	PF	High density plantation in fruit crops	1	OFF	8	15	23	0	0	0	23
Plant Pathology	PF	IPM in Chickpea	1	OFF	0	0	0	30	0	30	30
Home Science	PF	Preparation of Millet Products	1	OFF	0	0	0	30	0	30	30
Plant Pathology	PF	IDM in Rapeseed & Mustard	1	OFF	6	2	8	18	1	19	27
Plant Pathology	PF	IDM in Vegetables	1	OFF	1	0	1	15	6	21	22
Home Science	RY	Awareness about Millet based food	1	OFF	0	6	6	0	9	9	15
Home Science	RY	Value addition in millet by making Ragi Laddu	2	ON	0	21	21	0	0	0	21
Home Science	RY	Preparation of Amla Murabba, Amla Pickles and Red Chilli Pickles	6	ON	0	20	20	0	10	10	30
Home Science	RY	Hand painting on cloths	7	ON	0	10	10	0	10	10	20
Animal Science	RY	Scientific dairy farming	5	ON	8	0	8	17	0	17	25
Home Science	RY	Value addition in seasonal fruits and vegetables	1	OFF	0	1	1	0	19	19	20
Horticulture	RY	Scientific cultivation of Vegetable crop production	2	ON	8	22	30	0	0	0	30
Plant Pathology	RY	Beekeeping	5	ON	21	15	36	9	11	20	56
Animal Science	RY	Dairy Pashupalan - ek vyavshaay	5	ON	10	1	11	18	3	21	32
Home Science	RY	Preparation of value added product prepared by millets (Ragi, Bajra, Sanwa)	5	ON	0	26	26	0	11	11	37
Horticulture	RY	Technique of propagation of fruits	2	ON	5	2	7	13	3	16	23
Home Science	RY	Preparation technology of compost for button mushroom	1	ON	0	3	3	0	20	20	23
Home Science	RY	Value addition in food grain	1	OFF	0	0	0	0	14	14	14
Home Science	RY	Nutritional requirement for pregnant and lactating women	1	OFF	0	4	4	0	21	21	25
Home Science	RY	Mushroom cumtivation	5	ON	0	12	12	2	11	13	25
Horticulture	EF	Rejuvenation of old orchards	1	OFF	4	1	5	24	1	25	30
Plant Pathology	EF	Integrated Pest Management in Kharif Crop	1	OFF	4	1	5	24	1	25	30
Crop Production	EF	Scientific production of Kharif crops	1	OFF	5	0	5	18	1	19	24
Home Science	EF	Causes of Malnutrition and cultivation of nutricereals and millets	1	ON	0	2	2	0	15	15	17
Plant Pathology	EF	IPM & IDM in Rice	1	ON	9	0	9	18	1	19	28
Home Science	EF	Preparation of value added product prepared by millets (Ragi, Bajra, Sanwa) - Ragi Laddu & Bajra Kheer	2	ON	0	1	1	0	15	15	16
Horticulture	EF	Nursery management and income generation	2	ON	0	4	4	0	18	18	22
Home Science	EF	Formation and Management of SHGs	1	OFF	4	1	5	22	3	25	30
Animal Science	EF	Importance of green forage feeding in milk production	1	OFF	4	0	4	21	0	21	25

Annexture-II (Sponsored training programme)

Sl.	Title	Thematic area	Month	Duration (days)	Client PF/ RY/ EF	No. of courses	No. of Participants									Sponsoring Agency
							Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Millet based food	House hold food security	Jan-23	1	RY	1	0	0	0	9	6	0	9	6	0	15	BAU Sabour
2	Weed Management in Wheat	IWM	Jan-23	1	PF	1	16	1	0	0	0	0	16	1	0	17	BAU Sabour
3	Mushroom cultivation	Mushroom cultivation	Feb-23	1	PF	1	45	3	0	1	0	0	46	3	0	49	BAU Sabour
4	Mushroom cultivation	Mushroom Production	Feb-23	1	PF	1	45	3	0	1	0	0	46	3	0	49	BAU Sabour
5	LSD in dairy animals	Disease Management	Feb-23	1	PF	1	49	0	0	1	0	0	50	0	0	50	BAU Sabour
6	Mushroom cultivation	Mushroom cultivation	Feb-23	1	PF	1	48	0	0	6	0	0	54	0	0	54	BAU Sabour
7	Mushroom cultivation	Mushroom Production	Feb-23	1	PF	1	48	0	0	6	0	0	54	0	0	54	BAU Sabour
8	Nitrogen management in wheat	INM	Feb-23	1	PF	1	12	1	0	0	0	0	12	1	0	13	BAU Sabour
9	Mushroom cultivation	Mushroom cultivation	Feb-23	1	PF	1	47	3	0	0	0	0	47	3	0	50	BAU Sabour
10	Mushroom cultivation	Mushroom cultivation	Feb-23	1	PF	1	24	0	0	8	0	0	32	0	0	32	BAU Sabour
11	Mushroom cultivation	Mushroom cultivation	Feb-23	1	PF	1	42	0	0	0	0	0	42	0	0	42	BAU Sabour
12	Mushroom cultivation	Mushroom Production	Feb-23	1	PF	1	42	0	0	0	0	0	42	0	0	42	BAU Sabour
13	Agriculture Extension Service Provider	BSDM-RPL Training	Feb-23	10	PF	1	21	8	0	1	0	0	22	8	0	30	BSDM, Patna
14	Production technology of millet recipes	Value addition	Mar-23	1	PF	1	30	10	0	9	0	0	39	10	0	49	BAU Sabour
15	Millet for nutritional well-being	Nutritional Security	Mar-23	1	PF	1	0	0	0	10	10	0	10	10	0	20	BAU Sabour
16	Millet for nutritional well-being	Nutritional Security	Mar-23	1	PF	1	0	0	0	15	12	0	15	12	0	27	BAU Sabour
17	Cultivation of summer moong	ICM	Apr-23	1	PF	1	15	0	0	0	0	0	15	0	0	15	BAU Sabour
18	Production technology of millet recipes	Value addition	Apr-23	2	PF	1	0	0	0	17	14	0	17	14	0	31	BAU Sabour
19	Benefit of Millet products & byproducts	Millet Products	Apr-23	2	PF	1	0	0	0	19	14	0	19	14	0	33	BAU Sabour
20	Cultivation of Millet	Crop Diversification	May-23	2	PF	1	15	0	0	10	13	0	25	13	0	38	BAU Sabour
21	Raising of Paddy nursery	ICM	May-23	1	PF	1	9	5	0	0	0	0	9	5	0	14	BAU Sabour
22	DSR Technology	ICM	Jun-23	1	PF	1	12	2	0	0	0	0	12	2	0	14	BAU Sabour
23	Millet Production Technology	ICM	Jun-23	1	PF	1	16	0	0	0	0	0	16	0	0	16	BAU Sabour
24	Millet Production Technology	ICM	Jun-23	1	PF	1	14	1	0	0	0	0	14	1	0	15	BAU Sabour
25	Direct sowing of Rice by drum seeder	ICM	Jul-23	1	PF	1	22	0	0	0	0	0	22	0	0	22	BAU Sabour
26	Cultivation of nutri-cereals and millets	Household food security	Jul-23	1	PF	1	2	0	0	3	8	0	5	8	0	13	BAU Sabour
27	Causes of Malnutrition and cultivation of nutricereals and millets	Household food security	Jul-23	1	EF	1	0	0	0	15	2	0	15	2	0	17	BAU Sabour
28	Cultivation of millets	ICM	Jul-23	1	PF	1	21	0	0	0	0	0	21	0	0	21	BAU Sabour
29	Cultivation of nutricereals and millets	ICM	Jul-23	1	PF	1	22	0	0	0	0	0	22	0	0	22	BAU Sabour
30	Household food security by Millet	House hold food security	Aug-23	1	PF	1	0	0	0	23	3	0	23	3	0	26	BAU Sabour
31	Weed management in Rice crop	IWM	Aug-23	1	PF	1	15	3	0	0	0	0	15	3	0	18	BAU Sabour
32	Importance of millets in daily diet.	Millet Products	Aug-23	1	PF	1	0	0	0	10	11	0	10	11	0	21	BAU Sabour
33	IDM in Rice	IDM	Aug-23	1	PF	1	36	0	0	0	0	0	36	0	0	36	BAU Sabour
34	IPM in Rice & Millet	IPM	Sep-23	1	PF	1	42	0	0	0	0	0	42	0	0	42	BAU Sabour
35	Management of DSR	ICM	Sep-23	1	PF	1	19	1	0	0	0	0	19	1	0	20	BAU Sabour
36	Causes of Malnutrition and importance of millets in daily life	Millets	Sep-23	1	PF	1	0	0	0	17	11	0	17	11	0	28	BAU Sabour
37	Preparation of ready to use food for infant	Ready to use food	Sep-23	1	PF	1	0	0	0	7	8	0	7	8	0	15	BAU Sabour
38	Water management in Paddy crop	ICM	Sep-23	1	PF	1	14	2	0	0	0	0	14	2	0	16	BAU Sabour
39	Resource Conservation Technology	Resource Conservation	Oct-23	1	PF	1	58	7	0	0	0	0	58	7	0	65	BAU Sabour
40	Water and Nitrogen management in Paddy crop	ICM	Oct-23	1	PF	1	15	3	0	0	0	0	15	3	0	18	BAU Sabour
41	Preparation method of Multigrain aata for lactating women	Mother and child care	Oct-23	1	PF	1	0	0	0	5	13	0	5	13	0	18	BAU Sabour
42	Resource Conservation Technology	Resource Conservation	Oct-23	1	PF	1	5	15	0	0	10	0	5	25	0	30	BAU Sabour

Sl.	Title	Thematic area	Month	Duration (days)	Client PF/ RY/ EF	No. of courses	No. of Participants									Sponsoring Agency
							Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total
43	Millets for nutritional well-being	House hold food security	Oct-23	1	PF	1	18	3	0	4	3	0	22	6	0	28	BAU Sabour
44	Resource Conservation Technology	Resource Conservation	Oct-23	1	PF	1	10	8	0	6	4	0	16	12	0	28	BAU Sabour
45	Value addition in millet by preparing millet recipe	Value addition	Oct-23	1	PF	1	27	2	0	0	0	0	27	2	0	29	BAU Sabour
46	Post harvest management of millet crops	Value addition	Oct-23	1	PF	1	27	1	0	0	0	0	27	1	0	28	BAU Sabour
47	Food security by kitchen garden	Mother and child care	Oct-23	1	PF	1	0	0	0	7	7	0	7	7	0	14	BAU Sabour
48	ZT in Rabi crops	ICM	Dec-23	1	PF	1	14	2	0	0	0	0	14	2	0	16	BAU Sabour
49	IPM in Chickpea	IPM	Dec-23	1	PF	1	30	0	0	0	0	0	30	0	0	30	BAU Sabour
50	Preparation of Millet Products	Value addition	Dec-23	1	PF	1	30	0	0	0	0	0	30	0	0	30	BAU Sabour

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