ANNUAL REPORT - 2023
Krishi Vigyan Kendra, Sabour

भाकृअनुप
ICAR

KRISHI VIGYAN KENDRA, BHAGALPUR

Bihar Agricultural University, Sabour - 813210

Bhagalpur (Bihar)

1. GENERAL INFORMATION ABOUT THE KVK

The location of this Krishi Vigyan Kendra (Farm Science Centre) is in Sabour Block of Bhagalpur District which located in the Eastern part of Bihar. The district has an area of 2570 Sq. Km and lies between 24°30"and 25° 30" at North latitude and 86°30" and 87°30" East longitude at an elevation of around 55 Meter above the mean sea level (MSL).

The economy of the district is characterized by agriculture and the main food crops grown in the area are Paddy, Wheat, Maize, Pulses and Oilseeds, engaging more than 70 % of the work force. Horticulture crops commonly grown are Mango, Banana, Litchi, Citrus, and Guava and among vegetables are Tomato, Potato, Brinjal, Cauliflower etc.

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

Name and address of KVK	Telephone		E-Mail
	Office	FAX	
Senior Scientist and Head KVK, Bhagalpur, Bihar Pin – 813 210	0641 – 2451186	–	bhagalpurkvk@gmail.com www.bhagalpurkvk.org

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	
Vice Chancellor BAU, Bhagalpur, Bihar Pin – 813 210	0641 – 2451605	0641 – 2451606	vcbausabour@gmail.com www.bausabour.ac.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Rajesh Kumar	–	+91-9939626493	bhagalpurkvk@gmail.com

1.4. Year of sanction of KVK with council order No. and date: **18(4)99-NATP dated 01.04.2004**

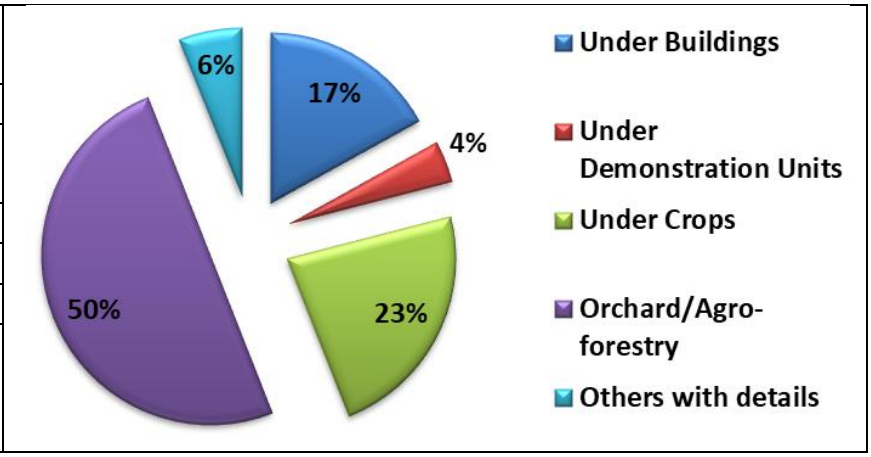
1.5. Year of start of KVK: **1st April 2004**

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. Rajesh Kumar	Senior Scientist & Head	Animal Science	15600-39000	24.11.2023	In-charge	OBC
2.	Subject Matter Specialist	Smt. Anita Kumari	Subject Matter Specialist (Home Science)	Home Science	15600-39000 **92600**	09.07.2007	Permanent	OBC
3.	Subject Matter Specialist	Er. Pankaj Kumar	Subject Matter Specialist (Agril. Engg.)	Agril. Engg.	15600-39000 **92600**	10.06.2009	Permanent	OBC
4.	Subject Matter Specialist	Dr. Mamta Kumari	Subject Matter Specialist (Horticulture)	Horticulture	15600-39000 **101200**	10.06.2009	Permanent	Others
5.	Subject Matter Specialist	Dr. Md. Zeyaul Hoda	Subject Matter Specialist (Animal Sci.)	Animal Science	15600-39000 **75400**	22.01.2013	Permanent	OBC
6.	Subject Matter Specialist	**Vacant**	–	–	–	–	–	–
7.	Subject Matter Specialist	**Vacant**	–	–	–	–	–	–
8.	Programme Assistant	Smt. Rubi Kumari	PA (Lab Technician)	–	9300-34800 **49000**	29.10.2012	Permanent	SC
9.	Computer Programmer	Anjum Hashim	PA(Computer)	–	9300-34800 **47600**	20.05.2013	Permanent	OBC
10.	Farm Manager	Sri Saksham Kumar Sinha	Farm Manager	–	9300-34800 **49000**	20.10.2012	Permanent	OBC
11.	Accountant / Superintendent	Sri Ishwar Chandra	Assistant	–	9300-34800 **47600**	17.05.2013	Permanent	Others
12.	Stenographer	Sri Shashi Kant	Stenographer	–	7810-20200 **34300**	04.07.2013	Permanent	OBC
13.	Driver	Sri Niranjan Kumar Das	Driver	–	5200-20200 **28400**	26.08.2019	Permanent	SC
14.	Driver	Sri Rakesh Chandra Jha	-	–	5200-20200 **28400**	09.05.2015	Permanent	Others
15.	Supporting staff	Vacant	–	–	–	–	–	–
16.	Supporting staff	Vacant	–	–	–	–	–	–

1.6. Total land with KVK (in ha):

Sl. No.	Item	Area (ha)
1.	Under Buildings	1.70
2.	Under Demonstration Units	0.40
3.	Under Crops	2.30
4.	Orchard/Agro-forestry	5.00
5.	Others with details	0.60
	Total	10.00



Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

Sl. No.	Name of infrastructure	Not yet started	Completed upto plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (m^2)	Under use or not*	Source of funding
1.	Admin Building					✓	560	✓	NATP
2.	Farmers Hostel					✓	500	✓	ICAR
3.	Staff Quarters					✓	2000	✓	ICAR
4.	Piggery unit	✓							
5.	Fencing					✓	10000	✓	ICAR
6.	Rain Water harvesting structure	✓							
7.	Threshing floor					✓	60	✓	ICAR
8.	Farm godown					✓	50	✓	ICAR
9.	Dairy unit					✓	80	✓	RKVY
10.	Poultry unit					✓	90	✓	ICAR/ RKVY
11.	Goatery unit					✓	500	✓	ICAR
12.	Mushroom Lab					✓	80	✓	ICAR
13.	Mushroom production unit					✓	100	✓	RKVY
14.	Shade house					✓	300	✓	ICAR
15.	Soil test Lab					✓	30	✓	ICAR
16.	Others								

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

B) Vehicles

Sl. No.	Type of vehicle	Year of purchase	Cost (Rs.)	Total Run (km)	Present status
1.	Tractor (BR10 C3678)	2002	61,440.00	110 hrs	Likely to be condemned
2.	Tractor (BR10 GB8089)	2020	8,35 176.00	150 hrs	Likely to be condemned

3.	Jeep (BR10 J3160)	2009	85,932.00	197600 km	Likely to be condemned
4.	Motor cycle (BR10 T8953)	2015	60,000.00	8845 km	Good working condition
5.	Motor cycle (BR10 T8954)	2015	60,000.00	29626 km	Good working condition

C) Equipment & AV aids

Sl. No.	Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a.	**Lab equipment**				
1.	Chemical balance (200 g)	2008	3,200.00	Working	ICAR
2.	Conductivity meter	2008	8,800.00	Working	ICAR
3.	Double distillation unit (1.5 lit./hr.)	2008	6,200.00	Working	ICAR
4.	Deionizer	2010	25,438.00	Working	ICAR
5.	Electronic balance (0.001 g)	2008	32,000.00	Working	ICAR
6.	Hot air oven (14” x14” x14”)	2008	21,000.00	Working	ICAR
7.	Rotary shaking machine	2008	22,500.00	Working	ICAR
8.	Spectrophotometer	2008	45,900.00	Working	ICAR
9.	Hot plate	2008	5,500.00	Working	ICAR
10.	Inverter and battery	2010	17,710.00	Working	ICAR
11.	Voltage stabilizer	2010	32,917.00	Working	ICAR
12.	Wooden pestle and flask	2010	2,500.00	Working	ICAR
13.	Physical balance	2008	2,100.00	Working	ICAR
14.	PH meter	2013	16,145.00	Working	ICAR
15.	EC meter	2014	28,439.00	Working	ICAR
16.	Soil testing Kit (Pusa STFR) with reagents	2017	125000.00	Working	ICAR
b.	**Audio Visual aids**				
18.	PA amplifier	2007	6,290.00	Working	ICAR
19.	Digital Camera	2007	15,990.00	Working	ICAR
20.	Pump Set	2007	23,400.00	Working	NHM
21.	Freeze with stabilizer	2007	16,850.00	Working	ICAR
22.	LCD Projector	2008	61,751.00	Working	ICAR
23.	Gator	2010	5,800.00	Working	MMP
24.	Handy Cam	2010	23,990.00	Working	ICAR
25.	Print, Fax, Copy & Colour Scan	2010	14,327.00	Working	ICAR
26.	Power sprayer-cum-duster	2011	6,600.00	Working	ICAR
27.	Photocopier Xerox (220)	2011	64,908.00	Working	ICAR
28.	Honda Generator Prototype	2012	50,000.00	Working	ICAR
29.	Generator (15 KVA)	2004	81,850.00	Working	ICAR
30.	Papad making machine	2011	10,000.00	Working	ICAR
31.	Sewing Machine (5)	2011	31,088.00	Working	ICAR
32.	Digital Camera	2013	21,000.00	Working	ICAR
33.	Desktop (Dell)	2016	82,583.00	Working	GoB

34.	Laptop (HP)	2016		Working	GoB
35.	CCTV Camera	2016	21,000.00	Working	GoB
36.	LED Flood Light	2016	6,500.00	Working	GoB
37.	Sound System	2016	30,165.00	Working	GoB
38.	Video Camera	2016	82,871.00	Working	GoB
39.	Projector with Tripod	2016	52,000.00	Working	GoB
40.	Water Cooler	2017	16000.00	Working	ICAR
41.	Laserjet printer (3 in 1)	2018	24700.00	Working	ICAR
42.	Refrigerator LG (320 Ltr.)	2019	32,600.00	Working	ICAR
43.	Hitachi Window Air-conditioner (1.5 Tonne)	2019	49,000.00	Working	ICAR
44.	Desktop HP	2019	49,990.00	Working	ICAR
45.	Television LG	2019	43,560.00	Working	ICAR
46.	Motorized Screen (144’ x 108’)	2019	31,400.00	Working	ICAR
47.	Sony Projector	2019	45,500.00	Working	ICAR
48.	Flying insect killer (03 No.)	2019	11,397.00	Working	ICAR
49.	AC Stabilizer	2019	4,129.00	Working	ICAR
50.	Intex UPS	2019	2,440.00	Working	ICAR
c.	**Mushroom Spawn Production Unit**				
1	Laminar Air Flow	2016	87306.00	Working	ICAR
2	Vertical Autoclave Machine	2015	98620.00	Working	ICAR
3	Tissue Culture Lab Wares	2016	25,000.00	Working	ICAR

D) Farm implements

Sl. No.	Name of equipment	Year of Purchase	Cost (Rs.)	Present Status	Source of fund
1.	Ridger 3 Bottom	2003	5,235.84	Working	ICAR
2.	Cultivator, 11 Tyne (Spring load)	2003	9,362.60	Working	ICAR
3.	Land Leveller (Manual)	2003	5,254.00	Working	ICAR
4.	Disc Harrow (7 + 7 = 14)	2003	15,380.00	Working	ICAR
5.	Disc Harrow (7 + 7 = 14)	2011	40,000.00	Working	ICAR
6.	Cultivator, 11 tyne (spring lode)	2012	29,650.00	Working	RKVY
7.	Multi crop thresher (d5 HP)	2012	99,750.00	Working	RKVY
8.	Rotavator (6 feet)	2011	80,303.00	Working	RKVY
9.	Laser guided land leveler	2011	3,76,000.00	Working	ICAR
10.	Cultivator (Rigid, 11 Tyne)	2011	21,000.00	Working	ICAR
11.	Knap Sac Sprayer	2010	1,700.00	Working	MMP
12.	Zero Tillage (Ferti-Seed drill)	2010	3,600.00	Working	RKVY
13.	Zero Tillage (Ferti-Seed drill) (11 Tyne)	2013	56,000.00	Working	ICAR
14.	Conoweeder	2014	6,300.00	Working	ICAR
15.	Drum seeder	2013	9,000.00	Working	ICAR
16.	Rice integrated rubber sheller holler	2012	2,17,615.00	Working	GoB

17.	Groundnut decorticator	2013	95,142.00	Working	GoB
18.	Motorised Mini dal meal	2012	33,300.00	Working	CIAE
19.	Fruit & vegetable grader	2012	28,300.00	Working	CIAE
20.	Rice puffing machine	2013	1,000.00	Working	GoB
21.	Straw beller	2013	8,60,000.00	Working	GoB
22.	Rotavator (5 feet)	2013	98,500.00	Working	ICAR
23.	Reaper	2014	99,960.00	Working	ICAR
24.	Paddy thresher	2014	99,960.00	Working	ICAR
25.	Rice-Wheat Seeder (02 No.)	2018	21,000.00	Working	ICAR
26.	Power operated Spray Machine (Trolley Type)	2019	32,000.00	Working	GoB
27.	National Multicrop Planter (11 Row)	2021	88,019.00	Working	
28.	Paddy Thresher (Driven by Tractor above 35 BHP)	2021	1,74,720.00	Working	
29.	Agrimax Rice-Wheat Seeder	2021	20,000.00	Working	
30.	Self Propelled vertical conveyor Repaer- Kisankraft	2021	1,39,779.00	Working	
31.	Weeder & Ridger-BCS Gratia 80B+BCS Ridger	2021	56,459.99	Working	
32.	Laser Land Leveler	2021	3,05,120.00	Working	
33.	Raised Bed Planter	2021	99,000.00	Working	
34.	Drum Seeder (Manual Planter)	2021	22,800.00	Working	
35.	Zero Tillage (11Rows) National - 02PC	2021	1,41,000.00	Working	
36.	Tractor Mounted sprayer	2022	1,93,520.00	Working	
37.	National Multi-crop Seed cum Fertilizer Drill & Planter (11+9)	2022	1,13,500.00	Working	
38.	Drum Seeder (Manual Planter) 02 Set	2022	11,400.00	Working	
39.	Digital Platform Weighting Balance (100 kg)	2023	4700.00	Working	
40.	Crane Hook weighting Scale(50kg)-03 Pc	2023	900.00	Working	
41.	Moisture Meter	2023	4900.00	Working	
42.	Post Hol Digger	2023	36,960.00	Working	

1.8. Details SAC meeting* conducted in the year

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	01 Sep., 2023	45	**निर्णय–01.** कृषि विभाग, भागलपुर से समन्वय स्थापित कर प्रधानमंत्री सिंचाई योजना का क्रियान्वयन किया जाय।	किसानो को प्रधानमंत्री सिंचाई योजना के बारे में बताया गया, लेकिन सत्र 2022–23 का कोटा पहले से कतार में होने के कारण योजना का लक्ष्य पूरा होने के उपरान्त वेबसाइट को बंद कर दिया गया है एवं वर्ष 2023–24 में माह अगस्त, 2023 तक वेबसाइट नहीं खुला है। वेबसाइट खुलने पर प्रक्रिया कर लिया जाएगा।	
			निर्णय–02. वैज्ञानिक सलाहकार समिति के प्रशिक्षण से संबंधित प्रतिवेदन में दिनांक/अवधि आवश्यक रूप से दर्शाया जाय।	निर्देशानुसार प्रशिक्षण से संबंधित प्रतिवेदन में दिनांक/ अवधि समाहित किया गया है।	
			निर्णय–03. जैविक खेती कतरनी धान प्रत्यक्षण एवं अन्य योजना का क्रॉप कटिंग विश्वविद्यालय स्तर पर गठित टीम के उपस्थिति में सुनिश्चित किया जाएगा।	फसलों की क्रॉप कटिंग विश्वविद्यालय स्तर से गठित टीम की उपस्थिति में कराया गया है।	
			निर्णय–04. अग्रिम पंक्ति प्रत्यक्षण, संकुल अग्रिम पंक्ति प्रत्यक्षण एवं अन्य संबंधित प्रतिवेदन में पूर्ण विवरण समायोजन किया जाय।	निर्देशानुसार अग्रिम पंक्ति प्रत्यक्षण, संकुल अग्रिम पंक्ति प्रत्यक्षण एवं अन्य संबंधित प्रतिवेदन में पूर्ण विवरण समायोजन किया गया है।	
			निर्णय– 05. आर्या (ARYA) परियोजना से संबंधित दिशा–निर्देश (Guidline) के अनुरूप योजना क्रियान्वयन सुनिश्चित किया जाय।	निर्देशानुसार परियोजना से संबंधित दिशा–निर्देश (Guidline) के अनुरूप योजना कार्य क्रियान्वयन सुनिश्चित किया जा रहा है।	
			निर्णय–06. आर्या (ARYA) परियोजना से संबंधित प्रतिवेदन में प्रशिक्षण उपरान्त क्रियात्मक (Active)/तकनीकी ग्रहण (Adopt) करने वाले किसानों को दर्शाया जाय।	1. सुशीला नर्सरी– श्री मनीष कुमार, ग्राम–धरहरा, गोपालपुर, भागलुपर 2. गौरव नर्सरी– श्री गौरव कुमार, सियारगढ़, सबौर 3. ब्यूटी नर्सरी– श्रीमती ब्यूटी बिहारी, सियारगढ़, सबौर 4. विक्रम नर्सरी– श्री हीरानंद, पीरपैंती, भागलपुर	

				5. राजेश नर्सरी– फुलवरिया, सन्हौला, भागलपुर 6. श्री अमित कौशिक– मछली पालन, बरहरी, गोराडीह, भागलपुर 7. श्री पवन पाण्डेय– मछली पालन, बाथ, सुल्तानगंज, भागलपुर 8. श्री प्रदीप कुमार– कुक्कुट पालन, अलीगंज, जगदीशपुर, भागलपुर 9. श्री विश्वजीत कुमार– मछली पालन, कैरिया, कहलगाँव, भागलपुर **(कुल – 210 उद्यमी)**	
			निर्णय– 07. कृषि खेत पर मोटे अनाज का प्रत्यक्षण करना सुनिश्चित किया जाय।	अंगीकृत गाँव लौंगाय, गोड़रा, कासिमपुर, तरछा एवं दामूचक में 10.5 एकड़ क्षेत्रफल में मोटे अनाज (बाजरा) का प्रत्यक्षण किया गया है।	
			निर्णय– 08. कृषक खेत पर परीक्षण, संकुल अग्रिम पंक्ति प्रत्यक्षण, अग्रिम पंक्ति प्रत्यक्षण संबंधी फसल कटाई (Crop Cutting) प्रतिवेदन (रफ पेपर) संरक्षित रखा जाय।	निर्देशानुसार संबंधित वैज्ञानिक/प्रभारी द्वारा कृषक खेत पर परीक्षण, संकुल अग्रिम पंक्ति प्रत्यक्षण, अग्रिम पंक्ति प्रत्यक्षण संबंधी फसल कटाई (Crop Cutting) प्रतिवेदन (रफ पेपर) संरक्षित रखा जा रहा है।	
			निर्णय– 09. फसल विकास (Crop development) संबंधी गतिविधियों का मृदा नमूना की जाँच साल में एक बार अनिवार्य रूप से किया जाय।	केन्द्र प्रक्षेत्र का मृदा उर्वरता मानचित्र (Soil Fertility Map) तैयार कर लिया गया है। साथ ही परियोजनान्तर्गत प्रत्यक्षण खेत का मृदा नमूना जाँच कराया जाता है।	
			निर्णय– 10. अग्रिम पंक्ति प्रत्यक्षण (FLD) संकुल अग्रिम पंक्ति प्रत्यक्षण (CFLD) एवं अन्य प्रत्यक्षण कार्य में बायो–फोर्टिफाइड बीज को उच्च प्राथमिकता दिया जाय। विशेष परिस्थिति में अन्य बीज का प्रयोग किया जाय।	गेहूँ एवं मसूर फसल का बायो–फोर्टिफाइड बीज का प्रत्यक्षण किया गया। चना के लिए IIPR कानपुर एवं सरसों शोध निदेशालय, भरतपुर, राजस्थान से सम्पर्क किया गया, लेकिन बीज उपलब्ध नहीं हो सका।	
			निर्णय– 11. मछली जीरा उत्पादन तकनीक पर एक प्रशिक्षण जिला मत्स्य पदाधिकारी, भागलपुर से समन्वय स्थापित कर आयोजित किया जाय।	जिला मत्स्य पदाधिकारी, भागलपुर से समन्वय स्थापित कर मछली जीरा उत्पादन तकनीक विषय पर जिले के 30 मछली पालकों के प्रशिक्षण हेतु पत्र दिया गया है और प्रशिक्षण अगले माह में प्रस्तावित है।	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

दिनांक 29.07.2022 को पूर्वाह्न 11:00 बजे डॉ॰ आर॰ एन॰ सिंह, निदेशक प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौर की अध्यक्षता में 19वीं वैज्ञानिक सलाहकार समिति की बैठक का आयोजन किया गया।
उपस्थिति : – उपस्थिति पंजी में संधारण।

सर्वप्रथम बैठक में उपस्थित डॉ॰ अंजनी कुमार, निदेशक अटारी, जोन–4, पटना, डॉ॰ फिजा अहमद, सह निदेशक अनुसंधान, बिहार कृषि विश्वविद्यालय, सबौर, श्री अनिल कुमार यादव, जिला कृषि पदाधिकारी–सह–परियोजना निदेशक आत्मा, श्री अजीत कुमार, जिला गव्य विकास पदाधिकारी, श्री अविनाश कुमार, मत्स्य प्रसार पदाधिकारी, श्री अलोक कुमार झा, ऑल इंडिया रेडियो, भागलपुर, डॉ॰ ए॰पी॰ भगत, विभागाध्यक्ष पौधा रोग विभाग, डॉ॰ संजय सहाय, विभागाध्यक्ष, उद्यान विभाग, बिहार कृषि महाविद्यालय, सबौर, मनोनित सदस्यों श्रीमती सरिता मरांडी, श्री अशोक चौधरी एवं अन्य गणमान्य अतिथियों का वरीय वैज्ञानिक एवं प्रधान द्वारा स्वागत उपरान्त बैठक की कारवाई प्रारंभ की गई।

अध्यक्ष महोदय के निर्देश पर उपस्थित गणमान्य अतिथियों/सदस्यों द्वारा विचार एवं सुझाव समिति सदस्यों के समक्ष रखा गया। इस क्रम में अध्यक्ष महोदय द्वारा सरकार के निर्देश के आलोक में प्लास्टिक फोल्डर की जगह मंजूषा कला फोल्डर/बैग के उपयोग निर्देश दिया गया। निदेशक अटारी, पटना द्वारा गुणवत्तायुक्त कार्य करने, बायो–फोर्टिफाइड सीड का उपयोग, प्राकृतिक एवं जैविक खेती, गतिविधियों एवं योजनाओं हेतु निर्धारित लक्ष्य की पूर्ति के प्रति गंभीरता से कार्य करने, पौधा रोग विषय पर विश्वविद्यालय वैज्ञानिकों से सम्पर्क कर प्रशिक्षण आयोजित करने तथा प्रधानमंत्री मत्स्य सम्पदा योजना का लाभ किसानों तक पहुँचाने का निर्देश दिया। सह अधिष्ठात एवं प्राचार्य, बिहार कृषि महाविद्यालय, सबौर द्वारा आवश्यकतानुसार विभिन्न विभागों के विभागाध्यक्षों से समन्वय स्थापित कर कार्य करने का निर्देश दिया गया। मत्स्य प्रसार पदाधिकारी, भागलपुर द्वारा मत्स्य पालक किसानों के लिए प्रशिक्षण आयोजन करने का अनुरोध किया गया। इस अवसर पर प्रगतिशील किसान सुनील कुमार कुशवाहा द्वारा केन्द्र द्वारा संचालित योजनाओं को लाभप्रद, किसान हितार्थ एवं किसानों हेतु आय बढ़ाने वाला बताया।

डॉ॰ अरविन्द कुमार सिन्हा, वरीय वैज्ञानिक एवं प्रधान द्वारा वैज्ञानिक सलाहकार समिति की 18वीं बैठक की कार्यवाही की सम्पुष्टि हेतु समिति से अनुरोध की गई। जिसपर सर्वसम्मति द्वारा अनुमोदित किया गया। वरीय वैज्ञानिक एवं प्रधान ने वर्षापात कम होने एवं किसानों की मांग पर 56 एकड़ में सबौर हर्षित धान का प्रत्यक्षण कार्य किये जाने की जानकारी दी तथा कार्य की घटनोत्तर स्वीकृति का अनुरोध समिति से किया। जिसके आलोक में सर्वसम्मति से अनुमोदन किया गया। तत्पश्चात् पूर्व में आयोजित बैठक की कार्यवाही एवं अनुपालन प्रतिवेदन प्रस्तुत किया गया। प्रतिवेदन प्रस्तुति के क्रम में वरीय वैज्ञानिक एवं प्रधान द्वारा प्रगति प्रतिवेदन (अगस्त, 2021 से जुलाई, 2022) प्रस्तुत किया गया एवं केन्द्र के विषय वस्तु विशेषज्ञों द्वारा अपने–अपने कृषक खेत परीक्षण एवं अग्रिम पंक्ति प्रत्यक्षण पर विस्तृत रूप से कार्य प्रगति संबंधी जानकारी दी गई। तत्क्रम में वरीय वैज्ञानिक एवं प्रधान द्वारा केन्द्र के प्रक्षेत्र की गतिविधियाँ, कृषक खेत पर परीक्षण, बीज उत्पादन कार्यक्रम, प्रत्यक्षण इकाई का विवरण एवं अन्य प्रसार गतिविधियाँ पर उपलब्धी माननीय सदस्यों के सामने रखी। पुनः वरीय वैज्ञानिक एवं प्रधान द्वारा केन्द्र की प्रस्तावित कार्यक्रम (अगस्त, 2022 से दिसम्बर 2022) पर प्रकाश डाला गया।

बैठक में अध्यक्ष महोदय एवं सदस्यों द्वारा निम्न मुख्य निर्देश/सुझाव प्राप्त हुए–

- ✓ कृषि विभाग, भागलपुर से समन्वय स्थापित कर प्रधानमंत्री सिंचाई योजना का क्रियान्वय किया जाय।

  अनुपालन – विषय वस्तु विशेषज्ञ (कृषि अभि॰), कृ॰वि॰के॰, सबौर

- ✓ वैज्ञानिक सलाहकार समिति के प्रशिक्षण से संबंधित प्रतिवेदन में दिनांक/ अवधि आवश्यक रूप से दर्शाया जाय।

  अनुपालन – विषय वस्तु विशेषज्ञ (सभी), कृ॰वि॰के॰, सबौर

- ✓ जैविक खेती कतरनी धान प्रत्यक्षण एवं अन्य योजना का क्रॉप कटिंग विश्वविद्यालय स्तर पर गठित टीम के उपस्थिति में सुनिश्चित किया जाएगा।

  अनुपालन – संबंधित विषय वस्तु विशेषज्ञ, कृ॰वि॰के॰, सबौर

- ✓ अग्रिम पंक्ति प्रत्यक्षण, संकुल अग्रिम पंक्ति प्रत्यक्षण एवं अन्य संबंधित प्रतिवेदन में पूर्ण विवरण समायोजन किया जाय।

  अनुपालन – विषय वस्तु विशेषज्ञ (सभी), कृ॰वि॰के॰, सबौर

- ✓ आर्या (ARYA) परियोजना से संबंधित दिशा–निर्देश (Guideline) के अनुरूप योजना क्रियान्वयन सुनिश्चित किया जाय।

  अनुपालन – संबंधित विषय वस्तु विशेषज्ञ, कृ॰वि॰के॰, सबौर

- ✓ आर्या (ARYA) परियोजना से संबंधित प्रतिवेदन में प्रशिक्षण उपरान्त क्रियात्मक (Active)/तकनीकी ग्रहण (Adopt) करने वाले किसानों को दर्शाया जाय।

  अनुपालन – संबंधित विषय वस्तु विशेषज्ञ, कृ॰वि॰के॰, सबौर

- ✓ कृषक खेत पर मोटे अनाज का प्रत्यक्षण करना सुनिश्चित किया जाय।

अनुपालन – विषय वस्तु विशेषज्ञ (शस्य विज्ञान), कृ॰वि॰के॰, सबौर

- ✓ कृषक खेत पर परीक्षण, संकुल अग्रिम पंक्ति प्रत्यक्षण, अग्रिम पंक्ति प्रत्यक्षण संबंधी फसल कटाई (Crop Cutting) प्रतिवेदन (रफ पेपर) संरक्षित रखा जाय।

अनुपालन – सभी विषय वस्तु विशेषज्ञ, कृ॰वि॰के॰, सबौर

- ✓ फसल विकास (Crop development) से संबंधित गतिविधियों (Activity) का मृदा नमूना की जाँच साल में एक बार अनिवार्य रूप से किया जाय।

अनुपालन – सभी विषय वस्तु विशेषज्ञ, कृ॰वि॰के॰, सबौर

- ✓ अग्रिम पंक्ति प्रत्यक्षण (FLD), संकुल अग्रिम पंक्ति प्रत्यक्षण (CFLD) एवं अन्य प्रत्यक्षण कार्य में बायो–फोर्टिफाइड बीज को उच्च प्राथमिकता दिया जाय। विशेष परिस्थिति में अन्य बीज का प्रयोग किया जाय।

अनुपालन – सभी विषय वस्तु विशेषज्ञ, कृ॰वि॰के॰, सबौर

- ✓ मछली जीरा उत्पादन तकनीक पर एक प्रशिक्षण जिला मत्स्य पदाधिकारी से समन्वय स्थापित कर आयोजित किया जाय।

अनुपालन – विषय वस्तु विशेषज्ञ (पशु विज्ञान), कृ॰वि॰के॰, सबौर एवं जिला मत्स्य पदाधिकारी, भागलपुर

- ✓ पशु चारा का प्रत्यक्षण किसानों के खत पर कराया जाय।

अनुपालन – विषय वस्तु विशेषज्ञ (पशु विज्ञान) एवं (पशु विज्ञान), कृ॰वि॰के॰, सबौर

- ✓ अन्त में धन्यवाद ज्ञापन के साथ बैठक की कारवाई समाप्त की गई।

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

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

Sl. No.	Farming system/enterprise
1.	Agriculture – Horticulture
2.	Agriculture – Aquaculture – Horticulture
3.	Agriculture – Poultry – Dairy
4.	Agriculture – Poultry – Dairy – Horticulture
5.	Agriculture – Aquaculture
6.	Floriculture – Agriculture – Aquaculture
7.	Agriculture – Horticulture – Beekeeping – Forestry

ii. **Description of Agro-climatic Zone (based on soil and topography)**

Sl. No.	Agro-climatic Zone	Characteristics
1.	Zone – III B	The climate of this zone, lying south of river Ganga is sub-humid, sub-tropical monsoon type of climate with a well-marked rainy season of four months
2.	Zone – II (Naugachhia Sub-division)	The climate of this zone, lying north of river Ganga is Sub-humid, subtropical with well-marked rainy season. Climate is ranging from sub dry and sub-humid conditions

Source – NARP

iii. Description of agro ecological situations

Sl. No.	Agro ecological situation	Characteristics
1.	Diara	Low land *Diara* is flooded every year for about four months (July – October). Medium *Diara* is generally flooded every year, however, upland *Diara* flooded twice in five years for shorter period (mid Aug – Mid Sept.). Uncertain onset & recession of flood causes complete failure of early *Kharif* crops and only one crop (*Rabi*) in a year is certain
2.	Tal	The Tal lands are basin shaped inundated and water retained for a very short period due to fast depletion of soil moisture after recession of flood water, less time is available for land preparation and sowing Rabi crops
3.	Alluvial Plains	The land is almost levelled having slope of 0 – 3 % and the area is suited to rice cultivation

iv. Soil types

Sl. No.	Soil types	Characteristics
1.	Diara	Light textured, well drained with free $CaCO_3$ varying between 3-8 %
2.	Tal	Grey to dark grey in colour, poor in drainage medium to heavy in texture. Slightly to moderately alkaline in reaction crack during summer
3.	Alluvial Plains	Grey – Greyish yellow heavy textured soils with cracking

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

Cereals

Crops	Area (ha.)	Production (MT)	Yield (Kg/ha)
Wheat	38235	122742	3210
Paddy	33404	66467	1990
Maize	27883	148669	5332

Pulses

Crops	Area (ha.)	Production (MT)	Yield (Kg/ha)
Gram	1741	1798	294
Lentil	3460	2325	672
Urad	328	294	896
Moong	878	1908	2173
Arhar	294	502	1707
Khesari	1308	753	576
Pea	933	965	1034

Oilseeds

Crops	Area (ha.)	Production (MT)	Yield (Kg/ha)
Rapeseed/ Mustard	1232	1434	1164
Linseed	598	507	848
Sunflower	62	90	1452
Seasmum	12	11	881

Source : District Agriculture Office, Bhagalpur (2020-21)

Fruits

Sl. No.	Crop	Area (ha)	Production (MT)	Productivity (MT/ha)
1.	Mango	7204	692760	10.61
2.	Banana	1032	372550	36.09
3.	Lemon	915	64050	8.12
4.	Guava	638	49210	8.71
5.	Litchi	446	32020	9.37

Source: Asst. Director Horticulture Office, Bhagalpur (2017-18)

Vegetables

Sl. No.	Crop	Area (000, ha)	Production (000, T)
1.	Potato	8.23	150.57
2.	Okra	2.21	29.86
3.	Brinjal	1.71	35.98
4.	Onion	1.64	34.07

Source: Asst. Director Horticulture Office, Bhagalpur (2017-18)

vi. Mean yearly temperature, rainfall, humidity of the district of the district

Month	Rainfall (mm)	Temp.(ºC)		Relative Humidity (%)		Wind speed (kmph)
		Max.	Min.	7 AM	2 PM	
January, 2023	0.2	21.9	8.8	93	71	4.2
February, 2023	1.2	24	9.6	88.7	66.9	3.5
March, 2023	1.5	30.5	16.8	86.6	59.1	4.6
April, 2023	2.4	33.1	20.2	88.7	65	7.1
May, 2023	4.4	33.9	23.7	86.4	69.5	7.4
June, 2023	5.2	33.8	26.1	86.2	69.5	6.8
July, 2023	11.4	33.1	25.9	83.7	66	5.6
August, 2023	3.6	34.1	26.3	82.5	68.7	8
September, 2023	7.9	32.9	25.7	81.2	68.8	5.2
October, 2023	0.6	33.8	22.5	85.7	74.8	0
November, 2023	0	30.5	15.4	85.5	75.2	00
December, 2023	0	23.5	10.8	89.3	76.3	0

Source: Bihar Agriculture University, Sabour, Bhagalpur

vii. Production of major livestock products like milk, egg, meat etc.

Livestock Population

Sl. No.	Category	Population (No.)
1.	**Cattle (Crossbred and Indigenous)**	540338
2.	**Buffalo**	234438
3.	**Goats**	587520
4.	**Poultry**	426766

Fisheries production

Inland Fisheries	**No. Farmer owned ponds**	**No. of Reservoirs**	**No. of village tanks**
	652	1423	771
Fresh water culture	**Water Spread Area**	**Yield (t/ha)**	**Production ('000 tons)**
	805.4	3.2	1277.4

Source : DFO, Bhagalpur and DAHO, Bhagalpur

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	Goradih	Goradih	Siyargarh	Nursery of horticultural crops	Connectivity and govt. support to rural youth	Marketing
2	Kharik	Kharik	Tulsipur	Litchi and banana	Poor management of orchard and banana crop too	Timely training pruning, management to rejuvenate them, sowing of banana with disease free planting material
3	Kharik	Kharik	Raghopur	Nursery, pointed gourd and other vegetable cultivation	Marketing to distant market	Maintenance of male female ratio in pointed gourd, enhance the storability of vegetables, post harvest management
4	Naugachhia	Naugachhia	Tetri	Nursery, litchi mango and banana crops	Poor management of crops, alternate bearing, sigatoka and panama wilt of banana	Improve the orchard by proper management, control of sigatoka and panama wilt by timely and proper management
5	Gopalpur	Gopalpur	Dharhara	Nursery, mango, litchi and banana	Marketing, poor management of crop, flood	Improvement of orchard by proper management, diversification
6	Sultanganj	Sultanganj	Rashidpur	Nursery and vegetable cultivation	Connectivity and timely seed availability	Seed production of vegetables etc

7	Nathnagar	Nathnagar	Kajraili	Nursery and papaya cultivation	Poor seed availability of papaya market	Seed production of papaya and other vegetable seeds

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	**Name of Block**	**Action Taken for Development**
Raipura	Goradih	Natural Farming
Belsira	Nathnagar	NICRA
Bhatua Chak	Nathnagar	NICRA
Devipur	Kahargaon	ICAR Adopted Village (FLD, OFT, Training Extension Activities)
Ganga Karharia	Goradih	ICAR Adopted Village (FLD, OFT, Training Extension Activities)
Harla	Pirpainti	SCSP
Kalgighanj	Khahalgaon	ARYA
Gopalpur	Sabour	ARYA
Dharhara Gopalpur	Sabour	ARYA
Gorrah	Goradih	Eradication of malnutrition, CRA
Kasimpur	Goradih	Adarsh Gram, CRA
Tarch	Goradih	CRA
Damuchak	Goradih	CRA
Laugai	Goradih	CRA

2.1 Priority thrust areas of KVKs

Sl. No.	Thrust area
1.	Integrated Crop Management
2.	Rejuvenation and orchard Management
3.	Rainfed Agriculture
4.	Climate resilient and introduction of high yielding varieties under seed production
5.	Small scale fruits and vegetable processing and value addition
6.	Farm mechanization and resource conservation techniques
7.	Integrated Farming System
8.	Natural Farming

3. TECHNICAL ACHIEVEMENTS

3.A. Summary details of target and achievement of mandatory activities by KVK during the year 2022

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	8	90	7	0	0	0	63	10	70	10	80		12	10	1565	45	7	0	0	790	56	835	63	898

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
158	131	4740	525	494	78	6	2555	1354	3158	1854	5012	909	913	21580	875	67	198	26	16226	5418	17168	5642	22810

Impact of Capacity Building											Impact of Extension Activities										
Number of Participants Trained		No. of Trainees Got Employment (Self/wage /entrepreneur/engaged as skilled manpower)									Number of Participants Attended		No. 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

Seed Production (q)		Planting Material (in Lakh)	
Target	Achievement	Target	Achievement
210	225.32	50000	60000

Livestock Strains and Fish Fingerlings Produced (in lakh)*		Soil, Water, Plant, Manures Samples Tested (in lakh)	
Target	Achievement	Target	Achievement
100000	150000		

*** Give no. only in case of fish fingerlings**

Publication by KVKs							
Item	**Number**	**No. Circulated**	**No. of Research Papers in NAAS Rated Journals**	**Highest NAAS Rating of any Publication**	**Average NAAS Rating of the Publications**	**Details of Awarded Publication, if any**	**Details of Award Given to the Publication**
Research paper	1	Alot	4.75	4.75	4.75		
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter	2	2000					
Popular Articles	3	3000					
Book Chapter	3	250					
Extension Pamphlets/ literature	5	5000					
Technical reports	4	20					
Electronic Publication (CD/DVD etc)							
TOTAL							

3.2ACHIEVEMENTS 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	20	20
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management			
5	Integrated Disease Management			
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	2	20	20
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			
4	Integrated Crop Management			
5	Integrated Disease Management	**1**	**10**	**10**
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Post-harvest Technology / Value addition			
10	Others if any (Orchard Mgmt.)	**1**	**10**	**10**
	Total	**2**	**20**	**20**
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	1	10	10
3	Feed and Fodder management			
4	Nutrition Management			
5	Production and Management	1	10	10
6	Processing and Value addition			
7	Fisheries management			
8	Others (waste, ITK etc)			
	Total	**2**	**20**	**20**
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	Agro forestry management			
11	Mechanization	1	10	10
12	Resource conservation technology			
13	Value Addition			
14	Others			
	Total	1	10	10
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			
4	Value Addition	1	10	10
5	Others			
	Total	**1**	**10**	**10**

3.2.1 OFT (All discipline)

- **Thematic area:**
- **Problem definition/Name of OFT:**

1.	Title of On farm Trial (OFT)	
2.	Problem diagnosed	

3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	
5.	Production system and thematic area	
6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

B. Results with Table and good quality photographs in jpg.

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**					

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

3.2.1 OFT - 1 (Animal Science (2022))

- **Thematic area:** Breeding management/Evaluation of Breeds
- **Problem definition/Name of OFT: Assessment of performance of sorted and non-sorted semen straw after AI in Heifer under field conditions.**

1.	**Title of On farm Trial**	**Assessment of performance of sorted and non-sorted semen straw after AI in Heifer under field conditions.**
2.	**Problem diagnosed**	Less used of Male calf and high demand of female calf
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmer practice :** Natural /Artificial Insemination **Tech. option I:** Artificial insemination using frozen female sex sorted semen **Tech. option II:** Artificial insemination using frozen non sex- sorted semen
4.	**Source of Technology**	NDRI, Karnal, Haryana. and *Bodmer M1 , Janett F, Hässig M, den Daas N, Reichert P, Thun R, Theriogenology. 2005 Oct 15;64(7):1647-55*
5.	**Production system and thematic area**	Desired sex (male or female Calf) and Milk production.
6.	**Performance of the Technology with performance indicators**	Conception rate, Desired sex (male or female Calf), Milk production and B:C ratio
7.	**Final recommendation for micro level situation**	Balance feeding along with mineral mixture for proper production of reproductive hormones
8.	**Constraints identified and feedback for research**	Mineral deficiency and sorted semen straw for production of female calf
9.	**Process of farmers participation and their reaction**	On farmers field and well

B. Table: Assessment of performance of sorted and non-sorted semen straw after AI in Heifer under field conditions

Technology option	No. of trials	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield component post A.I						Gross cost of production	Gross return	Net return	B.C Ratio
		Proposed	Actual	Age of Heifer (month)	Heat period (hrs.)	A.I (Natural/ Artificial)	conceived	Sex (M/F)	Milk production (ltr.)				
Farmer practice	10	10	10	14 to 20	18-25	A.I	5	Female & 2 Male& 3	6.25	62250	107920	43150	1.73
Tech. option I	10	10	10	14 to 20	18-25	A.I	9	Male& 1 Female & 8	7.25	78250	182160	103910	2.3
Tech. option II	10	10	10	14 to 20	18-25	A.I	6	Female & 3 Male& 3	6.5	62550	120272	57522	1.9

Results: TO : I (Artificial insemination using frozen female sexsorted semen) treatment is better than of other groups due to more occurrences conception rate of sorted semen (90%) and female calf (7).)

3.2.2 OFT - 2 (Animal Science (2022))

- **Thematic area:** Production and Management (Milk production)
- **Problem definition/Name of OFT:** Assessment of different management practise in preventing bovine mastitis**.**

1.	**Title of On farm Trial**	Assessment of different management practices in preventing bovine mastitis
2.	**Problem diagnosed**	High incidence of clinical mastitis and decrease milk yield, low economic return
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Farmer's practice:** use of antibiotics, anti-inflammatory for treatment against mastitis. **Tech. option I:** 0.5 gm alpha-tocopherol acetate + 0.25 mg sodium selenite (vitamin E and selenium powder) orally daily for last 30 days before calving. **Tech. option II:** Blancket dry cow treatment(BDCT) infused with 7.5 gm Dicloxacillin sodium in each quarter immediately after last milking of lactation and 0.25 mg sodium selenite (vitamin E and selenium powder) orally daily for last 30 days before calving.
4.	**Source of Technology**	GBPUAT, Pantnagar
5.	**Production system and thematic area**	Management of orchard
6.	**Performance of the Technology with performance indicators**	Udder condition, milk pH, Milk colour, C.M.T test and B:C ratio
7.	**Final recommendation for micro level situation**	-
8.	**Constraints identified and feedback for research**	Very difficult to convince the farmer
9.	**Process of farmers participation and their reaction**	Interactive and cooperative

Result: Awaited

3.2.3 OFT (Horticulture (2023))

- **Thematic area:** Integrated Disease Management
- **Problem definition/Name of OFT: Assessment of different Bio-agents against Panamawilt in Banana**

1.	Title of On farm Trial (OFT)	**Assessment of different Bio-agents against Panamawilt in Banana**
2.	Problem diagnosed	Banana plants are dying at the fruiting stage
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmer's Practice: Farmers are using indiscriminate use of chemicals TO_1: ICAR Fusicont at the time of planting and different stages of growth. TO_2: Sabour Trichoderma – 1 at the time of planting and different stages of growth.
4.	Source of Technology (ICAR/ AICRP/SAU/other)	CISH, Lucknow
5.	Production system and thematic area	IDM, Integrated Disease Management in Banana
6.	Performance of the Technology with performance indicators	ICAR Fusicont has performed better than Sabour Trichoderma – 1.
7.	Final recommendation for micro level situation	This is first year result after second year it may be recommended.
8.	Constraints identified and feedback for research	ICAR Fusicont is not available in the market
9.	Process of farmers participation and their reaction	Active and cooprative

B. Results with Table and good quality photographs in jpg.

Thematic area	Technology options with detailed treatments	Area (ha in crop & Fodder)/ Nos (in livestock)		Yield (tones/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Proposed	Actual					
IDM	Farmers Practice	0.2 ha	0.2 ha	65.5	225000	335000	10000	1:1.48
IDM	TO_1	0.2 ha	0.2 ha	77.6	225000	475000	25000	1:2.11
IDM	TO_2	0.2 ha	0.2 ha	68.5	225000	395000	17000	1:1.75

Result: This is first year result after second year it may be recommended.

3.2.4 OFT (Horticulture (202-23))

- **Thematic area:** Management of orchard.
- **Problem definition/Name of OFT:** Assessment of different bio mulch in mango

1.	Title of On farm Trial (OFT)	Assessment of different bio mulch in mango
2.	Problem diagnosed	Lack of organic carbon in soil .farmers are not adding bio degradable mulch
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	➢ **Farmers' Practices : only intercrop turmeric** ➢ **TO_1**: cover the canopy area of ground by tephrotia ➢ **TO_2**: cover with canopy area by straw or other bio mulch
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	RCER, Ranchi, Plandu
5.	Production system and thematic area	Management of orchard
6.	Performance of the Technology with performance indicators	Result Awaited
7.	Final recommendation for micro level situation	Result Awaited
8.	Constraints identified and feedback for research	Result Awaited
9.	Process of farmers participation and their reaction	Active and cooprative

Result: **Result Awaited**

3.2.5 OFT (Agronomy (2022-23))

- **Thematic area:** Nutrient Management.
- **Problem definition/Name of OFT:** Improvement of Nitrogen use efficiency in timely sown variety of wheat

1.	Title of On farm Trial	Improvement of Nitrogen use efficiency in timely sown variety of wheat
2.	Problem diagnosed	Excessive use of chemical fertilizer and spiraling price of urea leads to increase in cost of cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Farmers' Practice:**RDF (100:40:20 Kg/ha NPK) **Tech. Option I:**50% of RDN & 100% PK + nano urea @ 4 ml/litre of water (Single spray at 35 DAS) **Tech. Option II:** 50% of RDN & 100% PK + 2 spray of nano urea @ 4 ml/litre of water at (35 DAS) and (60–65 DAS)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ATARI, Patna
5.	Production system and thematic area	Irrigated and Nutrient Management
6.	Performance of the Technology with performance indicators	Soil data before and after (pH, EC, OC, NPK), No. of effective tillers/metre, 1000 grain wt. (g), Panicle wt. , Straw yield (g/ha), Grain yield (q/ha)
7.	Final recommendation for micro level situation	RDF 100:40:20 Kg/ha NPK in wheat is the best option for higher profit
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Visit to field with farmers and showed the problem, after result of trail he is very impressed.

Table 1: Effect of nano-urea-based nitrogen management on yield attributing characters of wheat (2022-23)

Technology option	No. of farmers	Area (ha in crop & Fodder)/ Nos (in livestock)	Area (ha in crop & Fodder)/ Nos (in livestock)	effective tillers/ m^2	Spike length (cm)	Spikelets /spike	Grains/ spike	1000 grain wt. (g)
		Proposed	Proposed					
FP-RDF (100:40:20 Kg/ha NPK)	6	0.2 ha	0.2 ha	312	11.18	19.17	37.00	39.17
TOI-50% of RDN & 100% PK + nano urea @ 4 ml/litre of water (Single spray at 35 DAS)		0.2 ha	0.2 ha	261	10.13	17.75	31.19	38.00
TO II-50% of RDN & 100% PK + 2 spray of nano urea @ 4 ml/litre of water at (35 DAS) and (60–65 DAS)		0.2 ha	0.2 ha	288	10.71	18.42	34.36	38.27

Table 2: Effect of nano-urea-based nitrogen management on yield and economics of wheat (2022-23)

Treatment	Grain yield (g/ha)	Straw yield (q/ha)	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net return (Rs/ha)	B:C
FP	42.88	60.03	38726	121136	82410	3.13
TO-I	37.06	51.88	38325	104694	66369	2.73
TO-II	39.52	55.33	38630	111644	73014	2.89

Table 3: Effect of nano-urea-based nitrogen management on soil fertility of wheat (2022-23)

Technology option	Before sowing soil fertility status						After harvest soil fertility status					
	pH	EC (dSm^{-1})	OC (%)	Avai. N (Kg/ha)	Avai. P_2O_5 (kg/ha)	Avai. K_2O (Kg/ha)	pH	EC (dSm^{-1})	OC (%)	Avai. N (Kg/ha)	Avai. P_2O_5 (kg/ha)	Avai. K_2O (Kg/ha)
FP-RDF (100:40:20 Kg/ha NPK)	6.98	0.24	0.48	191.4	21.4	205.9	6.63	0.25	0.48	198.7	22.1	210.4
TOI-50% of RDN & 100% PK + nano urea @ 4 ml/litre of water (Single spray at 35 DAS)							6.80	0.23	0.46	185.5	21.8	108.0
TO II-50% of RDN & 100% PK + 2 spray of nano urea @ 4 ml/litre of water at (35 DAS) and (60–65 DAS)							6.85	0.23	0.48	183.8	22.0	206.7

Note Sell price 1. Grain 2125 (Rs./q) 2. Straw 500 (Rs./q)

Results:
On the basis of 2022-23, highest wheat (Var. HD 2967) yield produced farmer's practice (100:40:20 Kg/ha NPK) *i.e.* 42.88 q/ha. Whereas gross return and B:C ratio obtained under farmer's*i.e.*121136Rs./ha and 3.13 (B:C).

3.2.6 OFT (Agronomy (2022-23))

- **Thematic area:** Nutrient Management.
- **Problem definition/Name of OFT:** Integration of fertilizer in different form on yield of lentil

1.	Title of On farm Trial	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)	**Farmers' Practice:**Seed treatment + RDF (20:40 kg/ha NP) **Tech. Option I:**50% RDF + water soluble 18:18:18 @ 5 g/litre water (Single spray at pre flowering stage) **Tech. Option II:** Seed treatment with PSB + Rhizobium, 50% RDF + water soluble 18:18:18 @ 5 g/litre water (Single spray at pre flowering stage)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ATARI, Patna
5.	Production system and thematic area	Rainfed and Nutrient Management
6.	Performance of the Technology with performance indicators	Soil data before and after (pH, EC, OC, NPK), pods/plant, 1000 grain wt. (g), seeds/pod, Straw yield (g/ha), seed yield (q/ha) and economics
7.	Final recommendation for micro level situation	Seed treatment with PSB + Rhizobium, 50% RDF + water soluble 18:18:18 @ 5 g/litre water (Single spray at pre flowering stage)in lentilis the best option for higher profit
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Visit to field with farmers and showed the problem, after result of trail he is very impressed.

Table 1: Effect of various form of fertilizer on yield and yield attributing characters of lentil (2022-23)

Technology option	No. of farmers	Area (ha in crop & Fodder)/ Nos (in livestock)	Area (ha in crop & Fodder)/ Nos (in livestock)	Pods/plant	Seeds/pod	1000 seed wt. (g)	Seed yield (q/ha)	Straw yield (q/ha)
		Proposed	Proposed					
FP-Seed treatment + RDF (20:40 kg/ha NP)	6	0.2 ha	0.2 ha	55.0	1.87	20.59	13.15	15.0
TOI-50% RDF + water soluble 18:18:18 @ 5 g/litre water (Single spray at pre flowering stage)		0.2 ha	0.2 ha	58.7	1.89	20.81	13.40	15.3
TO II-Seed treatment with PSB + Rhizobium, 50% RDF + water soluble 18:18:18 @ 5 g/litre water (Single spray at pre flowering stage)		0.2 ha	0.2 ha	66.4	1.95	20.88	14.10	16.1

Table 2: Effect of various form of fertilizer on economics of lentil (2022-23)

Treatment	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net return (Rs/ha)	B:C
FP	23045	81307	58262	3.53
TO-I	22668	82878	60210	3.66
TO-II	23326	87191	63865	3.74

Table 3: Effect of various form of fertilizer on soil fertility of lentil (2022-23)

Technology option	Before sowing soil fertility status						After harvest soil fertility status					
	pH	EC (dSm^{-1})	OC (%)	Avai. N (Kg/ha)	Avai. P_2O_5 (kg/ha)	Avai. K_2O (Kg/ha)	pH	EC (dSm^{-1})	OC (%)	Avai. N (Kg/ha)	Avai. P_2O_5 (kg/ha)	Avai. K_2O (Kg/ha)
FP- Seed treatment + RDF (20:40 kg/ha NP)	7.07	0.22	0.54	200.5	20.6	219.1	6.94	0.23	0.55	210.4	21.0	205.4
TOI-50% RDF + water soluble 18:18:18 @ 5 g/litre water (Single spray at pre flowering stage)							7.00	0.22	0.54	205.0	20.5	209.8
TO II- Seed treatment with PSB + Rhizobium, 50% RDF + water soluble 18:18:18 @ 5 g/litre water (Single spray at pre flowering stage)							7.10	0.23	0.55	203.3	220.8	200.0

Note Sell price 1. Seed 5500 (Rs./q) 2. Straw 600 (Rs./q)

Results:

On the basis of 2022-23, highest lentil (Var. IPL 220) yield produced in TO-II Seed treatment with PSB + Rhizobium, 50% RDF + water soluble 18:18:18 @ 5 g/litre water (Single spray at pre flowering stage)*i.e.*14.10 q/ha. Whereas, the highestnet return and B:C ratio also obtained under TO-II *i.e.*63865Rs./ha and 3.74 (B:C).

3.2.7 OFT (Home Science (2023))

- **Thematic area:** Value addition.
- **Problem definition/Name of OFT:** Assessment of preparation methods of Carrot jam for more shelf life, enhancement of nutrition & income.

1.	**Title of On Farm Trial**	Assessment of preparation methods of Carrot jam for more shelf life, enhancement of nutrition & income.
2.	**Problem Diagnosed**	Lack of knowledge of value addition technology for carrot.
3.	**Details of Technologies Selected for Assessment**	**Farmers practice:** Local people consume fresh carrot as such as vegetables or juice. **Technology option – I :** Preparation of Carrot Jam (Formulation - Ingredients are Carrot- 1.0kg, Sugar-1.0kg, Water-100ml, Citric acid - 6.0g, Pectin powder-10g, Sodium Benzoate- 1.0g) **Technology option – II :** Preparation of Carrot Jam with essence (Formulation - Ingredients are Carrot- 1.0kg, Sugar-1.0kg, Water-200ml, Citric acid -6.0g, Pectin powder-10g, Lemon essence-5ml, Sodium Benzoate- 1.0g)
4.	**Source of Technology**	DRPCA U (centrally designed by ATARI, Patna
5.	**Production System and Thematic Area**	Value addition
6.	**Performance of the Technology with Performance Indicators**	➢ Sensory Analysis: Taste, Colour, Flavour, Texture and Overall Acceptability ➢ Packaging Material: (Glass jar 500g) ➢ Shelf life (0, 15, 30, 45, 60 and 75 days at Ambient/ Refrigerated condition.
7.	**Final recommendation for micro level situation**	Under observation
8.	**Constraints identified & feedback for research**	Under observation
9.	**Process of Farmers Participation and their Reaction**	Farmer participated willingly and reaction was good. However pectin is not available in local market

Thematic area: Value addition

Problem definition: Lack of knowledge of value addition technology for carrot.

Sensory characteristics	**Taste**		**Colour**		**Flavour**		**Texture**		**Overall acceptability**	
Storage interval (Day)	**T.O-1**	**T.O-2**	**T.O-1**	**T.O-2**	**T.O-1**	**T.O-2**	**T.O-1**	**T.O-2**	**T.O-1**	**T.O-2**
0	4.5	4.6	4.4	4.6	3.2	4.3	3.0	3.0	3.76	4.13
15	4.3	4.3	4.3	4.3	3.2	4.2	3.0	3.0	3.70	3.95
30	4.3	4.3	4.2	4.2	3.0	4.3	2.9	3.0	3.6	3.95
45	4.1	4.1	3.8	3.8	3.0	4.0	2.5	2.6	3.35	3.63
60	3.5	3.5	3.0	3.0	3.5	3.6	2.6	2.5	2.9	3.15
75	3.3	3.4	2.7	2.7	2.1	3.4	2.6	2.6	2.68	3.03
mean score	4.0	4.03	3.73	3.76	2.83	3.96	2.76	2.78	3.33	3.63
* Respondents feedback (5 point Hedonic scale)										

Results: Carrot Jam was evaluated for sensory characteristics at different time interval up to 75 days. From the data in the table it apparent that overall acceptability score of T.O-II is more than that of T.O- I at different time internal i.e. at 0 day as well as over the period of 15, 30, 45, 60 and 75 days of storage. Further it is also visible from mean score that overall acceptability of T.O- II formulation is more accepted with acceptability due to flavor and this flavour superiority may have potential for marketing of produce and ultimately to enhance income of farming community.

3.2.8 OFT (Agriculture Engineering (202-23))

- **Thematic area:** Farm mechanization.
- **Problem definition/Name of OFT:** Assessment of ridger & weeder machine for weeding of rabi maize crop

1.	Title of On Farm Trial	Assessment of ridger & weeder machine for weeding of rabi maize crop
2.	Problem	Higher weeding & ridging operational cost, r irrigation cost, water use efficiency and Crop lodging
3.	Details of technologies selected for assessment/refinement	**Farmers practice:** Manual weeding & ridging by spade **Technology option – I :** Only weeding operation by weeder machine **Technology option – II :** Sowing with Multi crop planter(Tilled condition)
4.	Source of technology	PAU, Ludhiana
5.	Production system and Thematic area:	Rice- Maize production system and Farm mechanization & RCT
6.	Performance of the technology with performance indicators	Yield, Yield attributes, economics and machine effective field capacity & efficiency
7.	Final recommendation for micro level situation	Technology option-II recommended as it has low cost of cultivation and net return is highest among three technology
8.	Constraints identified and feedback for research	There is lack of awareness about the machine and technology
9.	Process of farmers participation and their reaction	After training and demonstration farmer get to no about the advance technique & curious to adopt that

Thematic area: Farm mechanization

Problem definition: Higher weeding & ridging operational cost, r irrigation cost, water use efficiency and Crop lodging

Table 1:

Technology option	No. of trials	Area (ha in crop & Fodder)/ Nos (in livestock)	Area (ha in crop & Fodder)/ Nos (in livestock)	Yield component						Yield (q/ha.)	Cost of cultivation (Rs./ha)	Net return (Rs./ha.	BC ratio
		Proposed	Proposed	No. of plant / m^2	No. of cob per plant	Length of cob (cm)	Girth of cob (cm)	No. of grain per cob	Test wt.				
Farmers practice	11	0.2 ha	0.2 ha	10	01	21	16	686	154	85.2	45000	127800	2.84
Technology option– I	11	0.2 ha	0.2 ha	10	01	22	17	689	155	85.9	40800	128850	3.15
Technology option– II	11	0.2 ha	0.2 ha	10	01	24	18	768	160	90.4	41500	135600	3.26

Technology option	Actual Field Capacity (ha/h.)		Weeding Efficiency (%)		Field Efficiency (%)	
	Weeder (4.5 hp)	Ridger (4.5 hp)	Weeder (4.5 hp)	Ridger (4.5)	Weeder (4.5 hp)	Ridger (4.5 hp)
Farmers practice	-	-	-	-	-	-
Technology option– I	0.0496	-	78.6	-	82.25	-
Technology option– II	0.0496	0.05	78.6	80.1	82.25	84.21

Result: Table revealed that among three technologies. Technology option-II recorded maximum yield of 90.4 q/ha. along with maximum net return Rs. 135600.00/ha. and maximum BC ratio 3.26 with low cost of cultivation

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	No of beneficiaries	Yield in Demo (q/ha)	Yield in check (q/ha)
1.	Cereals (Wheat)	**5**	**0.27 ha**	**25**	39.89	36.48
2.	Oil eed					
3.	Pulses					
4.	Horticulture Crops	**1**	**2 ha**	**10**	**13 tones**	**7 tones**
5.	Other crops					
6.	Hybrid crop					
7.	Livestock	**2**	**2500 (Units)**	**813**		
8.	Fisheries					
9.	Other enterprises (Button Mushroom)	**1**	**25 (Units)**	**25**	**Result Awaited**	**Result Awaited**
10.	Women empowerment	**1**	**25 (Units)**	**25**	**2.84 kg/day (Vegetables)**	**New Introduction**
11.	Farm Machinery					
	Grand Total	**10**	**2.5 ha and 2550 units**	**898**		

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	ICM	HD 2733 (Varietal)	5	0.5	39.74	36.48	8.9	29680	108292	78612	3.65	29325	99043	69718	3.38
Wheat	ICM	(HD 2967)	5	0.5	42.53	36.48	16.6	30500	115894	85394	3.80	29325	99043	69718	3.38
Wheat	ICM	(HD 2985)	5	0.6	37.00	36.48	1.4	29600	100825	71225	3.41	29325	99043	69718	3.38
Wheat	ICM	(HD 3226)	5	0.5	41.80	36.48	14.6	30000	113905	83905	3.80	29325	99043	69718	3.38
Wheat	ICM	(HI 1563)	5	0.6	38.39	36.48	5.2	29475	104613	75138	3.55	29325	99043	69718	3.38
Total			25	0.27	39.89	36.48									

2. Oilseeds

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
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

3. Pulses

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
	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

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
Mango	Management of orchard	Spray of chloropyriphose 1.5 ml/lit from Base of plant to 10-12 ft. ht	10	2 ha	13 tones	7 tones	40%	125000	475000	350000	3.8	125000	287000	162000	2.29
	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

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
Sugarcane + Vegetable Pea	ICM	Inter Cropping	8	4	725.7 + 71.46 (S cane + Veg pea)	712.0 (Sugar cane sole)	43.9% Sugar cane equivalent yield	-	-	105640	520526	414886	4.93	83640	262327	178687	3.14
	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										
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																	
Cow	Disease management	FMD Vaccine	235	500													
Buffalo																	
Poultry																	
Rabbitry																	

Piggery																	
Sheep and goat	Disease management	PPR Vaccine	578	2000													
Duckery																	
Others (Pl. specify)																	
Total																	

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

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
Oyster mushroom	Enterprise development															
Button mushroom	Production Technology	25	25	Yield	New Introduction	Result Awaited										

Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																
Total																

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

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	25	Nutrigarden	New Introduction	2.8 kg/day (Vegetable)	25
Storage Technique					
Value addition					
Women Empowerment					
Others					
Total - Women					
Children					
Health and nutrition					
Others					
Total - Children					
Other if any					
Total others					
Grand Total	25	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

CRA Programme:

Kharif 2023

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
Rice	RCT	LLL	111	100	-	-	-	-	-	-	-	-	-	-	-
	ICM	DSR	354	300	56.35	50.5	11.58	30251	90255	60004	2.98	37500	74280	36780	1.98
	ICM	AWD	86	60	51.6	50.5	2.17	33952	76950	42998	2.27	37500	65290	27790	1.74
	ICM	WH and FB	77	55	50.9	50.5	0.8	36555	68500	31945	1.87	37500	62560	25060	1.67
	INM	Nutrient Expert/Green seeker/INM	121	100	53.3	50.5	5.54	35280	85480	50200	2.42	37500	70500	33000	1.88
Maize +Arhar Intercropping/ Soybean	ICM	Raised Bed	85	25	68.5 (Maize) Arhar (Crop Standing)	N/A	100	31265	99850	68585	3.19	-	-	-	-
Millets	ICM	Line Tranplanted	24	10	18.4	N/A	100	26700	87500	45400	3.27	-	-	-	-
Arhar	ICM	Raised bed	84	25	Crop Standing	N/A	100	--	-	-	-	-	-		
Community Irrigation		-	20	20	-	-	-	-	-	-	-	-	-		
Total			962	695											

CRA Programme:

Rabi 2023-24

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	RCT	ZT	275	250	Crop Standing										
	ICM	RB	27	20											
	RCT	Happy Seeder	28	20											
	RCT	Green Seeker	51	50											
Lentil	RCT	ZT	62	40											
Chickpea	RCT	Line Sowing	66	40											
Mustard	RCT	ZT	44	25											
Maize	ICM	RB	128	128											
Potato	ICM	RB	70	10											
Potato+Maize	ICM	RB	44	10											
Wheat+Mustard	RCT	ZT	21	10											
Community Irrigation		-	20	20											
Total			836	623											

Extension and Training activities under FLD

Sl.No.	Activity	Date (No.)	No. of activities organized	Number of participants	Remarks
1.	Field days	7	7	545	
2.	Farmers Training	14	14	352	
3.	Media coverage		35		
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)

1. 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	Lentil (Rabi 2022 -23)	Tituwa, Desila, Titki Mallika	9.41	706*	1068*	2200	IPL – 316 + ZT, INM and IPM	62	20	14.80	8.52	12.30	55.15	51.54	40.91
2	Chickpea (Rabi 2022 -23)	Desila/ Radhey	10.76	638*	1154*	2000	RVG – 202 + ZTT with seed treatment	69	20	14.36	10.21	13.82	48.56	45.62	32.82
3	Mustard (Rabi 2022 -23)	Anukul, Baruna, Arize Pachheti, Tata Dhanya (Poinar), Nath Sona, Suparna Sona, Pusa Bold etc.	11.67	1039	1125	2600	RH-725 + INM and IPM	51	20	19.71	11.8	15.52	33.05	27.51	40.31
4	Green Gram (Summer 2023)	Local	8.5	578*	579*	1500	Shikha (IPM 410-3) + ZTT, INM and IPM	49	20	11.95	8.65	10.25	35.0	35.0	6.8
5	Mustard (Rabi 2023 -24)	Anukul, Baruna, Arize Pachheti, Tata Dhanya (Poinar) etc.	11.37	1039	1125	2600	RH-725 + INM and IPM	149	60	Result Awaited					

* 2017-18 (Source: Directorate of Economics & Statistics)

2. 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.	Lentil (Rabi 2022 -23) IPL – 316 + ZT, INM and IPM	22810	64460	41650	2.83	24775	84200	59425	3.4
2.	Chickpea (Rabi 2022 -23) RVG – 202 + ZTT with seed treatment	24386	67004	42618	2.75	26580	84930	58350	3.2
3.	Mustard (Rabi 2022 -23) RH-725 + INM and IPM	23490	56016	32526	2.38	24745	74496	49751	3.01
4.	Green Gram (Summer 2023) Shikha (IPM 410-3) + ZTT, INM and IPM	22690	59364	36674	1.62	20560	74568	54008	2.63

3. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/ household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/ house hold)
1.	Lentil (Rabi 2022 -23) IPL – 316 + ZT, INM and IPM	26494 kg	Lentil seed sale price Rs. 52/kg and lentil straw sale price Rs. 600/q	Lentil seed sale price Rs. 52/kg	1550 kg	673 kg	-	33/ha
2.	Chickpea (Rabi 2022 -23) RVG – 202 + ZTT with seed treatment	40737 kg	Chickpea seed sale price Rs. 55 kg and chickpea straw sale price Rs. 500/q	Chickpea seed sale price Rs. 55/kg	7315	540		35
3.	Mustard (Rabi 2022 -23) RH-725 + INM and IPM	28900	690	48	380	130	To meet out family expence	37
4.	Green Gram (Summer 2023) Shikha (IPM 410-3) + ZTT, INM and IPM	11962 kg	8525	52	461	230	Renovation of home and child education	29/ha

B. Pulses/Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1.	Lentil (Rabi 2022 -23) IPL – 316 + ZT, INM and IPM	Yes	Wilting and tobacco cater pitter resistance	Yes	No	Yes	In rice based cropping system, farmers demands short duration insect and disease free variety with high yield potential
2.	Chickpea (Rabi 2022 -23) RVG – 202 + ZTT with seed treatment	40737 kg	Chickpea seed sale price Rs. 55 kg and chickpea straw sale price Rs. 500/q	Chickpea seed sale price Rs. 55/kg	7315	540	
3.	Mustard (Rabi 2022 -23) RH-725 + INM and IPM	Yes	Good	69	No	57	Timely sowing give better result
4.	Green Gram (Summer 2023) Shikha (IPM 410-3) + ZTT, INM and IPM	yes	Disease (YVM) resistance variety	Yes	No	Yes	Farmer demand to those variety which sown after harvest of wheat (beyond 15th April) crop with disease free

a. Specific Characteristics of Technology and Performance

Crop	Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Lentil (IPL – 316)	Potential Yield	18-20 q/ha		
	Duration	102-112 days		
	Recommended Area:	Central Zone		
	Special Characters	Resistance to wilt rust.		
	Seed	Seed brown with red cotyledons and large (3.1g/100 seed wt.)		
Chickpea (RVG – 202)	Plant height (cm)	60.5 cm	48.51 cm	
	No. of pods/plant	85.0	72.6	
	Test wt. (1000 seeds)	101.2 gm	96.7 gm	
	No. of primary branches/plant	3.27	2.3	
	No. of secondary branches/plant	9.15	6.74	
	Seeds/pod	1.48	1.80	
Mustard (RH-725)	Maturity Days	135-145 days		
	Spacing (inches)	12-18 inches		
	Morphological Characters	Size of seed is big. In 1 siliqua 15-22 seeds.		
	Oil content :	37-39 %		
	Specific Characters Oliec acid:	40%		
Green Gram (Shikha (IPM 410-3))	Average Yield:	13-16 q/ha		
	Duration:	60-65 days		
	Recommended Area:	North West Plain Zone, Central Zone		
	Special Characters:	Highly resistant to YMD, PM, CLS		

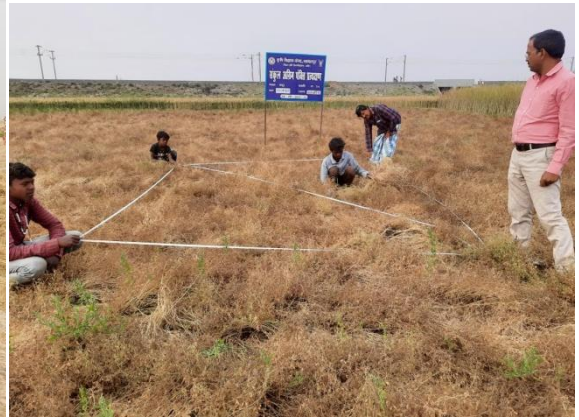
C. Extension activities under CFLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Scientific cultivation of rabi pulses through ZT	26.10.2022 at KVK Sabour	33
2.	Scientific cultivation of oil seeds and pulses under CFLD	16.02.2022 at Maniyapur (Nathnagar)	25
3.	Scientific cultivation of oil seeds and pulses under CFLD	22.02.2022 at Maniyapur (Nathnagar)	24
4.	Field Day cum crop cutting	23.03.2023 at Maniyapur (Nathnagar)	75

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

Chickpea

Lentil



Mustard


कृषि विज्ञान केन्द्र, भागलपुर
(बिहार कृषि विश्वविद्यालय, सबौर)
संकुल अग्रिम पंक्ति प्रत्यक्षण
फसल - सरसों
प्रजाति - RH - 725
ग्राम - राजपुर
प्रखण्ड - सबौर
वर्ष - रबी - 2022 - 23


कृषि विज्ञान केन्द्र, भागलपुर
संकुल अग्रिम पंक्ति प्रत्यक्षण


Latitude: 25.217165
Longitude: 87.072535
Elevation: 29.62±100 m
Accuracy: 5.1 m
Time: 13-02-2023 17:10
Powered by NoteCam


कृषि विज्ञान केन्द्र, भागलपुर
संकुल अग्रिम पंक्ति प्रत्यक्षण
Latitude: 25.223868
Longitude: 87.076226
Elevation: 30.64±100 m
Accuracy: 7.7 m
Time: 16-03-2023 16:26
Note: CFLD Mustard
Powered by NoteCam


Latitude: 25.221401
Longitude: 87.06429
Elevation: 37.66±100 m
Accuracy: 7.2 m
Time: 16-03-2023 15:40
Note: CFLD Mustard

E. Farmers' training photographs

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

G. Details of budget utilization

Crop (Provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Oilseed (Rabi 2022 -23)	i) Critical input	119958	119958	0
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field Day)			
	iv)Publication of literature			
	Total	119958	119958	0

Crop (Provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Oilseed (Rabi 2023 -24)	i) Critical input		360000	-360000
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field Day)			
	iv)Publication of literature			
	Total		360000	-360000

Crop (Provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Pulse (2022-23)	i) Critical input	247500	539246	-291746
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field Day)			
	iv)Publication of literature			
	Total	247500	539246	-291746

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	-	-	-	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, (cultivation of crops)	-	-	-	-	-	-	-	-	-	-	-	-	-
II. Horticulture	-	-	-	-	-	-	-	-	-	-	-	-	-
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Skill development	-	-	-	-	-	-	-	-	-	-	-	-	-
Yield increment	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of low volume and high value crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any (Cultivation of Vegetable)	-	-	-	-	-	-	-	-	-	-	-	-	-
Training and pruning	-	-	-	-	-	-	-	-	-	-	-	-	-
b) Fruits	-	-	-	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	1	18	1	19	0	0	0	0	0	0	18	1	19
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any(INM)	-	-	-	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-

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	-	-	-	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-harvest technology and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
III. Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil fertility management	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
IV. Livestock Production and Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairy Management	1	26	2	28	3	0	3	0	0	0	29	2	31
Poultry Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Disease Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Feed management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any Goat farming	3	90	13	103	20	2	22	7	0	7	117	15	132
V. Home Science/Women empowerment	-	-	-	-	-	-	-	-	-	-	-	-	-
Household food security by kitchen gardening and nutrition gardening	4	48	94	142	3	79	82	0	0	0	51	173	224
Design and development of low/minimum cost diet	3	44	21	65	7	8	15	0	0	0	51	29	80
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Value addition	1	2	24	26			0			0	2	24	26
Income generation activities for empowerment of rural Women	-	-	-	-	-	-	-	-	-	-	-	-	-
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
VI. Agril. Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-Harvest Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any **RCT**	4	338	219	557	102	6	108	60	4	64	500	229	729
VII. Plant Protection	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-	-	-	-

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	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII. Fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture & fish disease	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	-	-	-	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
IX. Production of Inputs at site	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
X. Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	1	22	11	33	5	0	5	0	0	0	27	11	38
XII. Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	**18**	**588**	**385**	**973**	**140**	**95**	**235**	**67**	**4**	**71**	**795**	**484**	**1279**

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	48	9	57	2	0	2	0	0	0	50	9	59
Bee-keeping	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming	3	63	22	85	15	0	15	5	0	5	83	22	105

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	1	27	1	28	2	0	2	0	0	0	29	1	30
Repair and maintenance of farm machinery and implements	1	28	0	28	2	0	2	0	0	0	30	0	30
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairying	2	48	7	55	6	0	6	0	0	0	54	7	61
Sheep and goat rearing	3	67	15	82	11	1	13	0	0	0	78	16	94
Quail farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry production	1	9	11	20	0	0	0	0	0	0	9	11	20
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	1	0	30	30	0	0	0	0	0	0	0	30	30
Para vets	-	-	-	-	-	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Small scale processing	1	15	4	19	4	0	4	1	1	2	20	5	25
Post-Harvest Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	**15**	**305**	**99**	**404**	**42**	**1**	**44**	**6**	**1**	**7**	**353**	**101**	**454**

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	1	23	1	24	5	0	5	0	0	0	29	1	29
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	-	-	-	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	2	49	3	52	3	0	3	0	0	0	52	3	55
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Management in farm animals	1	30	0	30	0	0	0	0	0	0	30	0	30
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-	-	-	-

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
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	1	24	0	24	3	0	3	0	0	0	27	0	27
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	**5**	**126**	**4**	**130**	**11**	**0**	**11**	**0**	**0**	**0**	**138**	**4**	**141**

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	1	16	5	21	0	0	0	0	0	0	16	5	21
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop Diversification	1	20	1	21	1	0	1	0	0	0	21	1	22
Integrated Farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed production	1	26	2	28	4	0	4	0	0	0	30	2	32
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	14	288	60	348	21	2	23	0	0	0	309	62	371
Fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, (cultivation of crops)	5	316	19	335	100	0	100	43	0	43	459	19	478
II. Horticulture	-	-	-	-	-	-	-	-	-	-	-	-	-
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Skill development	-	-	-	-	-	-	-	-	-	-	-	-	-
Yield increment	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of low volume and high value crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Grading and standardization	1	7	22	29	0	0	0	0	0	0	7	22	29
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any (Cultivation of Vegetable)	-	-	-	-	-	-	-	-	-	-	-	-	-
Training and pruning	-	-	-	-	-	-	-	-	-	-	-	-	-
b) Fruits	-	-	-	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	4	44	21	65	14	19	33	0	0	0	58	40	98
Cultivation of Fruit	5	104	29	133	6	0	6	0	0	0	110	29	139
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any(INM)	-	-	-	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental	-	-	-	-	-	-	-	-	-	-	-	-	-

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
Plants													
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-harvest technology and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
III. Soil Health and Fertility Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil fertility management	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
IV. Livestock Production and Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairy Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Disease Management	4	94	14	108	15	4	19	0	0	0	109	18	127
Feed management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any Goat farming	1	0	0	0	3	22	25	0	0	0	3	22	25
V. Home Science/Women empowerment	-	-	-	-	-	-	-	-	-	-	-	-	-
Household food security by kitchen gardening and nutrition gardening	8	9	165	174	25	100	125	0	0	0	34	265	299
Design and development of low/minimum cost diet	-	-	-	-	-	-	-	-	-	-	-	-	-
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	7	8	108	116	13	52	65	0	0	0	21	160	181
Value addition	1	0	28	28	0	0	0	0	0	0	0	28	28
Income generation activities for	1	6	12	18	0	0	0	0	0	0	6	12	18

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
empowerment of rural Women													
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
VI. Agril. Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	3	17	0	17	57	28	85	0	0	0	74	28	102
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-Harvest Technology	1	24	0	24	0	0	0	0	0	0	24	0	24
Others, if any	16	202	58	260	36	109	145	2	0	2	240	167	407
VII. Plant Protection	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	1	22	3	25	0	0	0	0	0	0	22	3	25
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII. Fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated fish farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture & fish disease	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	-	-	-	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
IX. Production of Inputs at site	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-	-	-	-

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 Fish feed	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
X. Capacity Building and Group Dynamics	-	-	-	-	-	-	-	-	-	-	-	-	-
Leadership development	-	-	-	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-	-	-	-
XII. Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	**75**	**1203**	**547**	**1750**	**295**	**336**	**631**	**45**	**0**	**45**	**1543**	**883**	**2426**

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	-	-	-	-	-	-	-	-	-	-	-	-	-
Bee-keeping	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed production	1	26	2	28	4	0	4	0	0	0	30	2	32
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Value addition	1	1	26	27	0	0	0	0	0	0	1	26	27
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry production	1	21	3	24	5	1	6	0	0	0	26	4	30
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-	-	-	-

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
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-Harvest Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	**3**	**48**	**31**	**79**	**9**	**1**	**10**	**0**	**0**	**0**	**57**	**32**	**89**

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	20	1	21	2	0	2	0	0	0	22	1	23
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	-	-	-	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop intensification	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	**1**	**20**	**1**	**21**	**2**	**0**	**2**	**0**	**0**	**0**	**22**	**1**	**23**

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	16	5	21	0	0	0	0	0	0	16	5	21
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop Diversification	1	20	1	21	1	0	1	0	0	0	21	1	22
Integrated Farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed production	1	26	2	28	4	0	4	0	0	0	30	2	32
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	14	288	60	348	21	2	23	0	0	0	309	62	371
Fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, (cultivation of crops)	5	316	19	335	100	0	100	43	0	43	459	19	478
TOTAL	**22**	**666**	**87**	**753**	**126**	**2**	**128**	**43**	**0**	**43**	**835**	**89**	**924**
II. Horticulture													
a) Vegetable Crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	-	-	-	-	-	-	-	-	-	-	-	-	-
Water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Skill development	-	-	-	-	-	-	-	-	-	-	-	-	-
Yield increment	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of low volume and high value crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	-	-	-	-	-	-	-	-
Exotic vegetables like Broccoli	1	7	22	29	0	0	0	0	0	0	7	22	29
Export potential vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Grading and standardization	-	-	-	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any (Cultivation of Vegetable)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	**1**	**7**	**22**	**29**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**22**	**29**
b) Fruits													
Training and Pruning	-	-	-	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	5	62	22	84	14	19	33	0	0	0	76	41	117
Cultivation of Fruit	5	104	29	133	6	0	6	0	0	0	110	29	139
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any(INM)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	**10**	**166**	**51**	**217**	**14**	**19**	**39**	**0**	**0**	**0**	**186**	**70**	**256**
c) Ornamental Plants													
Nursery Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
d) Plantation crops													
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
e) Tuber crops													
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-

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	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
f) Spices													
Production and Management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants													
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and management technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Post harvest technology and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
III. Soil Health and Fertility Management													
Soil fertility management	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
IV. Livestock Production and Management													
Dairy Management	1	26	2	28	3	0	3	0	0	0	29	2	31
Poultry Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Disease Management	4	94	14	108	15	4	19	0	0	0	109	18	127
Feed management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any (Goat farming)	4	90	13	103	23	24	47	7	0	7	120	37	157
TOTAL	**9**	**210**	**29**	**239**	**41**	**28**	**69**	**7**	**0**	**7**	**258**	**57**	**315**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	12	57	259	316	28	179	207	0	0	0	85	438	523
Design and development of low/minimum cost diet	3	44	21	65	7	8	15	0	0	0	51	29	80
Designing and development for high nutrient efficiency diet	-	-	-	-	-	-	-	-	-	-	-	-	-
Minimization of nutrient loss in processing	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	7	8	108	116	13	52	65	0	0	0	21	160	181
Value addition	2	2	52	54	0	0	0	0	0	0	2	52	54
Income generation activities for empowerment of rural Women	1	6	12	18	0	0	0	0	0	0	6	12	18
Location specific drudgery reduction technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	**25**	**117**	**452**	**569**	**48**	**239**	**287**	**0**	**0**	**0**	**165**	**691**	**856**
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-

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
Repair and maintenance of farm machinery and implements	3	17	0	17	57	28	85	0	0	0	74	28	102
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-Harvest Technology	1	24	0	24	0	0	0	0	0	0	24	0	24
Others, if any (RCT)	20	540	277	817	138	115	253	62	4	66	740	396	1136
TOTAL	**24**	**581**	**277**	**858**	**195**	**143**	**338**	**62**	**4**	**66**	**838**	**424**	**1262**
VII. Plant Protection													
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	1	22	3	25	0	0	0	0	0	0	22	3	25
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	**1**	**22**	**3**	**25**	**0**	**0**	**0**	**0**	**0**	**0**	**22**	**3**	**25**
VIII. Fisheries													
Integrated fish farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture & fish disease	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	-	-	-	-	-	-	-	-	-	-	-	-	-
Hatchery management and culture of freshwater prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Breeding and culture of ornamental fishes	-	-	-	-	-	-	-	-	-	-	-	-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
IX. Production of Inputs at site													
Seed Production	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	-	-	-	-	-	-	-	-	-	-
Organic manures production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
X. Capacity Building and Group Dynamics													
Leadership development	-	-	-	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Farming Systems	1	22	11	33	5	0	5	0	0	0	27	11	38
TOTAL	**1**	**22**	**11**	**33**	**5**	**0**	**5**	**0**	**0**	**0**	**27**	**11**	**38**
XII. Others (Pl. specify)													
TOTAL	**93**	**1791**	**932**	**2723**	**435**	**431**	**866**	**112**	**4**	**116**	**2338**	**1367**	**3705**

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	48	9	57	2	0	2	0	0	0	50	9	59
Bee-keeping	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated farming	3	63	22	85	15	0	15	5	0	5	83	22	105
Seed production	1	26	2	28	4	0	4	0	0	0	30	2	32
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	1	27	1	28	2	0	2	0	0	0	29	1	30
Repair and maintenance of farm machinery and implements	1	28	0	28	2	0	2	0	0	0	30	0	30
Nursery Management of Horticulture crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Value addition	1	1	26	27	0	0	0	0	0	0	1	26	27
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairying	2	48	7	55	6	0	6	0	0	0	54	7	61
Sheep and goat rearing	3	67	15	82	11	1	13	0	0	0	78	16	94
Quail farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry production	2	30	14	44	5	1	6	0	0	0	35	15	50
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Small scale processing	1	15	4	19	4	0	4	1	1	2	20	5	25
Post-Harvest Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	1	0	30	30	0	0	0	0	0	0	0	30	30
Others if any (ICT application in agriculture)	-	-	-	-	-	-	-	-	-	-	-	-	-

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL	**18**	**353**	**130**	**483**	**51**	**2**	**54**	**6**	**1**	**7**	**410**	**133**	**543**

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	2	43	2	45	7	0	7	0	0	0	51	2	52
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient management	-	-	-	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	2	49	3	52	3	0	3	0	0	0	52	3	55
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Management in farm animals	1	30	0	30	0	0	0	0	0	0	30	0	30
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	1	24	0	24	3	0	3	0	0	0	27	0	27
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop intensification	-	-	-	-	-	-	-	-	-	-	-	-	-
Others if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	**6**	**146**	**5**	**151**	**13**	**0**	**13**	**0**	**0**	**0**	**160**	**5**	**164**

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

Discipline	Clientale	Title of the Training	Date	Duration (Days)	Venue	Praticipants								
						No. of SC/ST			No. of others			No. of others		
						M	F	T	M	F	T	M	F	T
Agriculture Engineering	Skill Development Training (RY)	Repair of Farm Machinery for batter efficiency of April. Machinery's and Self Employment Generation	16.01.2023 to 11.02.2023	26	KVK and BAU campus sabour, Bhagalpur	23	1	24	20	1	21	43	2	45
Agriculture Engineering	Skill Development Training (RY)	Repair of Farm Machinery for batter efficiency of April. Machinery's and Self Employment Generation	2 - 27/ 1/ 2023	26	KVK and BAU campus sabour, Bhagalpur	23	0	23	22	0	22	45	0	45
Agriculture Engineering	RY	Self implyment generation of rural youth and better farming	13 - 16/ 2/ 2023	4	KVK, Bhagalpur	30	0	30	28	0	28	58	0	58
Agriculture Engineering	Skill Development Training (RY)	Repair of Farm Machinery for batter efficiency of April. Machinery's and Self Employment Generation	21.01.2023 to 15/02/ 2023	26	KVK and BAU campus sabour, Bhagalpur	23	0	23	21	0	21	44	0	44
Agriculture Engineering	Skill Development Training (RY)	Repair of Farm Machinery for batter efficiency of April. Machinery's and Self Employment Generation	1 - 26/ 2/ 2023	26	KVK and BAU campus sabour, Bhagalpur	22	1	23	20	1	21	42	2	44
Agriculture Engineering	PF	RCT of Rabi crop through Climate Rasiliant Agriculture	23 - 23/ 2/ 2023	1	KVK Bhagalpur Farm	98	88	186	44	88	132	142	176	318
Agriculture Engineering	PF	RCT of Rabi crop through Climate Rasiliant Agriculture	24 - 25/ 2/ 2023	2	KVK, Bhagalpur Farm	165	29	194	146	29	175	311	58	369
Agriculture Engineering	PF	RCT of Rabi crop through Climate Rasiliant Agriculture	25 - 25/ 2/ 2023	1	KVK Bhagalpur Farm	113	81	194	93	81	174	206	162	368
Agriculture Engineering	Skill Development Training (DAO)	Repair of Farm Machinery for batter efficiency of April. Machinery's and Self Employment Generation	03 - 28.03.2023	26	KVK and BAU campus sabour, Bhagalpur	20	0	20	16	0	16	36	0	36
Agriculture Engineering	Skill Development Training (DAO)	Repair of Farm Machinery for batter efficiency of April. Machinery's and Self Employment Generation	18.02.2023 to 15.03.2023	26	KVK and BAU campus sabour, Bhagalpur	20	0	20	19	0	19	39	0	39

Agriculture Engineering	Skill Development Training (Domain)	Micro Irrigation Technician (Domain)	01.03.2023 to 31.05.2023	30	KVK and BAU campus sabour, Bhagalpur	21	8	29	21	8	29	42	16	58
Agriculture Engineering	LIFE	Life Style for enviroment (CRA)	02.06.2023	1	Off	18	7	25	18	7	25	36	14	50
Agriculture Engineering	LIFE	Life Style for enviroment (CRA)	03.06.2023	1	off	29	1	30	29	1	30	58	2	60
Agriculture Engineering	PF	Operational use & use of latest farm machinary	27.06.2023	1	off	41	4	45	1	0	1	42	4	46
Agriculture Engineering	PF	Operational use & use of latest farm machinary	30.06.2023	1	off	8	24	32	0	0	0	8	24	32
Agriculture Engineering	PF	DSR and Raised bed Arhar	01.07.2023	1	Kasimpur	14	6	20	14	5	19	28	11	39
Agriculture Engineering	PF	DSR Technique.	03.07.2023	1	Lougain (Goradih)	16	12	28	16	12	28	32	24	56
Agriculture Engineering	PF	Maize and Arhar intercropping	06.07.2023	1	Lougain (Goradih)	29	0	29	29	0	29	58	0	58
Agriculture Engineering	PF	DSR and AWD in paddy	15.07.2023	1	Damu	11	9	20	11	9	20	22	18	40
Agriculture Engineering	PF	Raized Bed Arhar and Millet	19.07.2023	1	Godra	0	32	32	0	0	0	0	32	32
Agriculture Engineering	PF	Resourse conservation technology	27.07.2023	1	On	64	27	91	55	21	76	119	48	167
Agriculture Engineering	PF	Practicing Farmers training on benefits of farm machinery in direct seeded rice.	04.08.2023	1	Godra, Goradih	10	16	26	0	0	0	10	16	26
Agriculture Engineering	PF	Production on milky mushroom and DSR Techniques	08.08.2023	1	Kasimpur, Goradih	6	12	18	6	12	18	12	24	36
Agriculture Engineering	PF	Weed and Insect control of DSR	05.08.2023	1	Taecha, Goradih	18	5	23	15	3	18	33	8	41
Agriculture Engineering	EF	New advance in zero tillage	17.09.2023	2	Laugai, Goradih	22	1	23	20	1	21	42	2	44
Agriculture Engineering	PF	Water & field bunding	15.09.2023	1	Laugai, Goradih	27	0	27	19	0	19	46	0	46

Agriculture Engineering	PF	Raise bed tecnique	28.09.2023	1	Laugai, Goradih	0	26	26	0	0	0	0	26	26
Agriculture Engineering	PF	Weed and Insect control of DSR	08.08.2023	1	Tarcha Goradih	18	5	23	15	3	18	33	8	41
Agriculture Engineering	EF	New advance in zero tillage Seed cum fertilizer caliber	17-18.08.2023	2	On	28	1	29	23	1	24	51	2	53
Agriculture Engineering	PF	Water & Field bunding	15.09.2023	1		27	0	27	19	0	19	46	0	46
Agriculture Engineering	PF	Raise bed Technique For Sowing Arhar	28.09.2023	1	Laugai, Goradih	0	26	26	0	0	0	0	26	26
Agriculture Engineering	PF	New advance in zero tillage	04.10.2023	1	Off	15	10	25	11	6	17	26	16	42
Agriculture Engineering	PF	Knowladge of Post Harvest	11.10.2023	1	Off	24	0	24	24	0	24	48	0	48
Agriculture Engineering	PF	Sowing of wheat through happy seeder	29-30.12.2023	2	Off	25	0	25	16	0	16	41	0	41
Agronomy	PF	Natural Farming	08-09.02.2023	1	Off	38	0	38	38	0	38	76	0	76
Agronomy	PF	Scientific cultivation of pulses under CFLD	16.02.2023	1	Off	27	5	32	24	5	29	51	10	61
Agronomy	PF	Scientific cultivation of grain and their importance and scope	15-16.02.2023	1	Off	27	0	27	27	0	27	54	0	54
Agronomy	PF	Scientific cultivation of chickpea under CFLD	22.02.2023	1	Off	26	3	29	26	3	29	52	6	58
Agronomy	PF	Scientific cultivation of green gram through ZT under CRA	07.04.2023	1	Off	11	0	11	11	0	11	22	0	22
Agronomy	PF	Scientific cultivation of green gram through ZT under CRA	08.04.2023	1	Off	27	0	27	22	0	22	49	0	49
Agronomy	PF	Cultivation of coarse cereals under climate resilience agriculture	25-26.04.2023	1	Off	38	0	38	31	0	31	69	0	69
Agronomy	RY	Cultivation of coarse cereals under climate resilience agriculture	15-17.05.2023	3	Off	30	2	32	26	2	28	56	4	60

Agrono my	PF	Scientific cultivation of green gram under CFLD	18.05.2 023	1	Off	27	1	28	26	1	27	53	2	55
Animal Science	PF	To sill the farmers about goat farming	16-01-2023	3	On	27	11	38	22	11	33	49	22	71
Animal Science	RY	To skill the farmers about goat farming	23 - 25/ 1/ 2023	3	On	27	11	38	22	11	33	49	22	71
Animal Science	RY	To aware the concept of ifs	11 - 13/ 1/ 2023	3	On	26	7	33	15	7	22	41	14	55
Animal Science	RY	To develop enterprise	3 - 5/ 3/ 2023	3	On	23	2	25	22	2	24	45	4	49
Animal Science	RY	To promote back yard poultry farming	12 - 13/ 4/ 2023	2	On	9	11	20	9	11	20	18	22	40
Animal Science	PF	To provide technical knowledge for improving their livelihood	12 - 15/ 6/ 2023	4	On	55	0	55	48	0	48	10 3	0	10 3
Animal Science	PF	Management of mastitis in large animal	19 - 20/ 6/ 2023	2	Off	26	6	32	23	5	28	49	11	60
Animal Science	RY	Promote entrepreneurship	17 - 20/ 7/ 2023	4	On	25	5	30	22	5	27	47	10	57
Animal Science	PF	Management of disese in Goat	04.09.2 023	1	on	28	4	32	20	2	22	48	6	54
Animal Science	RY	Goat Farming	11.09.2 023	1	on	28	3	31	23	2	25	51	5	56
Animal Science	PF	Management of disease in goat	09.10.2 023	1	Off	30	2	32	25	2	27	55	4	59
Animal Science	Pf	Goat Farming	03-04.10.2 023	1	on	28	3	31	23	2	25	51	5	56
Animal Science	PF	Poultry Farming	16-17.10.2 023	2	On	27	5	32	24	3	27	51	8	59
Animal Science	PF	Goat Farming	02.11.2 023	1	Off	25	5	30	22	3	25	47	8	55
Animal Science	PF	Poultry Farming	21.11.2 023	1	Off	3	22	25	0	0	0	3	22	25
Animal Science	RY	Poultry Farming	16-17.11.2 023	2	Off	26	4	30	21	3	24	47	7	54
Animal Science	EF	Indicious use of insecticides and pesticides	30.11.2 023	1	On	30	0	30	30	0	30	60	0	60
Animal Science	RY	Agriculture proces for stakeholder	01 - 03.12.2 023	3	On	19	4	23	15	4	19	34	8	42
Animal Science	RY	Integrated Farming System	06-08.12.2 023	3	On	26	10	36	22	10	32	48	20	68
Animal Science	RY	Integrated Farming System	12-14.12.2 023	3	On	26	5	31	26	5	31	52	10	62
Animal Science	PF	Parasitic disease in goat	18.12.2 023	1	Off	28	5	33	24	4	28	52	9	61
Animal Science	PF	Immunisation in dairy animal	26.12.2 023	1	On	29	2	31	26	2	28	55	4	59
Animal Science	RY	Dairy Farming	22-23.12.2 023	2	On	29	2	31	26	2	28	55	4	59

Extension Education	PF	To impart the new and innovative technology to the targeted NICRA village farm women and men.	19-07-2023	1	Bhatuachak and Navtolia	16	5	21	16	5	21	32	10	42
Home Science	RY	To acquaint participants Mushroom production techniques	17 - 19/ 1/ 2023	3	On Campus	29	0	29	29	0	29	58	0	58
Home Science	PF	To acquaint with carrot jam preparation	25-01-2023	1	Kvk Sabour	2	24	26	2	24	26	4	48	52
Home Science	PF	To acquaint with mushroom farming	17-02-2023	1	Longay	3	22	25	0	22	22	3	44	47
Home Science	PF	To acquaint with mushroom farming	21-02-2023	1	Kasimpur	0	32	32	0	26	26	0	58	58
Home Science	PF	To impart know how of mushroom farming	02-03-2023	1	Off	2	25	27	1	25	26	3	50	53
Home Science	PF	To impart know how of Processing and preservation of Mushroom	14-03-2023	1	Off	0	28	28	0	28	28	0	56	56
Home Science	PF	To impart technical know how of mushroom farming	16-03-2023	1	Off	2	23	25	0	0	0	2	23	25
Home Science	PF	To sensitise and aware the mass on malnutrition	17-03-2023	1	Off	6	25	31	6	25	31	12	50	62
Home Science	RY	To impart Nutrition education	27-03-2023	1	Off	1	26	27	1	26	27	2	52	54
Home Science	PF	Milky Mushroom Farming	21-03-2023	1	Off	0	27	27	0	23	23	0	50	50
Home Science	PF	To impart nitrition education	01-04-2023	1	Kvk sabour	51	9	60	48	9	57	99	18	117
Home Science	Other Training	To imparte nutrition education	03-04-2023	1	KGBV, Sabour	0	90	90	0	82	82	0	172	172
Home Science	RY	Skill development in products development of paddy straw	12 - 14/ 4/ 2023	3	Kisan ghar BAU Sabour	0	39	39	0	30	30	0	69	69
Home Science	Vocational Training for Youth (More Than 4 Days)	To impart Milky mushroom farming skill	11 - 16/ 5/ 2023	6	Kvko sabour	21	9	30	19	9	28	40	18	58
Home Science	Other Training	To create Awareness on malnutrition/cleanliness and Survey	23-05-2023	1	Gorra	2	48	50	0	48	48	2	96	98

Home Science	Other Training	To create Awareness on malnutrition/cleanliness and Survey	24-05-2023	1	Gorra	3	21	24	3	21	24	6	42	48
Home Science	Other Training	To acquaint about importance of seasonal fruits and it's preservation in eradication of malnutrition	30-05-2023	1	KGBV, Sabour	0	98	98	0	98	98	0	196	196
Home Science	PF	Malnutrition eradication cum nutritional security garden	06-06-2023	1	Kvk sabour	0	21	21	0	0	0	0	21	21
Home Science	PF	Malnutrition eradication cum nutritional security garden	08-06-2023	1	Kvk sabour	0	43	43	0	23	23	0	66	66
Home Science	PF	Management of nutrional security	31-07-2023	1	Off	0	71	71	0	71	71	0	142	142
Home Science	PF	To acquint with nutri-cereals	19-07-2023	1	Gorrah	0	31	31	0	0	0	0	31	31
Home Science	Other Event	TO ATTRACT SCHOOL STUDENTS TOWARDS AGRICULTURE.	16 - 16/ 7/ 2023	1	KVK Bhagalpur	0	10	10	0	10	10	0	20	20
Home Science	PF	Health benefit of nutri cereals.	01.08.2023	1	Off	10	16	26	0	0	0	10	16	26
Home Science	PF	Farm and Farm Training on women training on milky mushroom Farming	08.08.2023	1	Off	6	12	18	6	12	18	12	24	36
Home Science	PF	Income generation through puwal art	22.08.2023	1	Off	6	12	18	6	12	18	12	24	36
Home Science	PF	How to prepared Balahar	11.08.2023	1	Off	11	20	31	0	0	0	11	20	31
Home Science	PF	Technique For Prentation	27.09.2023	1	Laugai, Goradih	2	33	35	0	0	0	2	33	35
Home Science	PF	Nutiton For School Going	28.09.2023	1	KVK, Sabour	0	100	100	0	62	62	0	162	162
Home Science	PF	Traning on button mushroom composting	08.10.2023	1	On	19	8	27	19	8	27	38	16	54
Home Science	PF	Traning on button mushroom production	10.10.2023	1	On	24	3	27	20	3	23	44	6	50
Home Science	PF	Traning-cum-awareness programme on swachhta	02.10.2023	1	Kasimpur	0	98	98	0	98	98	0	196	196
Home Science	PF	Pre FLD training on button mushroom farming	17.11.2023	1	On	8	18	26	5	10	15	13	28	41
Home Science	PF	Button mushroom farming	21.11.2023	1	Off	8	19	27	1	0	1	9	19	28
Horticulture	PF	Management of mango orchard	16.01.2023	1	Off	21	1	22	20	1	21	41	2	43

Horticulture	Skill Development Training	Gardener (RPL)	23.01.2023 to 04.02.2023	10	On	28	1	29	25	1	26	53	2	55
Horticulture	PF	Training was conducted on scientific cultivation of potato and post harvest management of potate,about dehaulming, grading etc	1 - 1/ 2/ 2023	1	Bhatuchak navtolia,nathnagar	20	1	21	19	1	20	39	2	41
Horticulture	PF	Farmers assambled at samudayik bhavan of bhatuchak navtolia. They have provided feed background of the village.since village location is periurban.so papaya has good market	15 - 15/ 3/ 2023	1	Bhatuchak navtolia nathnagar	17	21	38	15	21	36	32	42	74
Horticulture	PF	Make survey of the village.we all sit at common place discuss about their cultivation., asked about their options.	17 - 17/ 3/ 2023	1	Ghoraha goradih	7	22	29	7	22	29	14	44	58
Horticulture	Skill Development Training (Domain)	Gardener (Domain)	01.03.2023 to 20.05.2023	30	KVK and BAU campus sabour, Bhagalpur	28	2	30	25	2	27	53	4	57
Horticulture	PF	Spraying of water and chemicals in mango	11-04-2023	1	Bihar krishi viswavidhalaya sabour Bhagalpur	29	1	30	27	1	28	56	2	58
Horticulture	RY	Jardalu aam is GI tag mango.Its. Marketing is very important.So it's packaging, branding is very important	25 - 27/ 4/ 2023	3	Bihar krishi viswavidhalaya sabour Bhagalpur	29	1	30	27	1	28	56	2	58
Horticulture	PF	Propagation of fruit crops and nursery development of horticulture crops to swayam sahayta samuh developed for female	18-05-2023	1	Bhatuchak navtolia nathnagar	21	6	27	19	6	25	40	12	52
Horticulture	PF	DSR of paddy	20-06-2023	1	Off	19	4	23	19	3	22	38	7	45
Horticulture	PF	vegetable production through mulching	16.06.2023	1	Off	15	6	21	15	5	20	30	11	41

Horticulture	PF	We assambled on farmers field for sowing paddy through drum seeder variety sabour sampan	12-07-2023	1	Bhatuachak navtolia, nathnagar	21	1	22	20	1	21	41	2	43
Horticulture	PF	We assambled at common place.we have differentiate DSR and traditional method of showing.	05-07-2023	1	Bhatuachak navtolia	23	0	23	23	0	23	46	0	46
Horticulture	PF	Details training about DSR of paddy	03-07-2023	1	Belshira nathnagar	22	1	23	21	1	22	43	2	45
Horticulture	PF	DSR technique is nice technique but very prone to weeds.timely and chemical	19-07-2023	1	Bhatuachak navtolia nathnagar	22	2	24	21	2	23	43	4	47
Horticulture	PF	Management of neworchard	25-07-2023	1	off	10	16	26	0	0	0	10	16	26
Horticulture	PF	To train the farm men and women regarding the procedure of weedicide at paddy crop establishment.	25.08.2023	1	Bhatuachak-Navtolia and Belsira	23	3	26	20	3	23	43	6	49
Horticulture	Skill Development Training (RPL)	Gardener (RPL)	24-07 to 04-08-2023	10	On	30	0	30	27	0	27	57	0	57
Horticulture	PF	Banana is the major crop of the district and suffering from lots of problems like Panama wilt, sigatoka, bad nutritional management,changing soil nature.	07-08-2023	1	Tulsipur,kharik	25	0	25	24	0	24	49	0	49
Horticulture	PF	Management of orchard for high yield	09.08.2023	1	Off	21	3	24	19	0	19	40	3	43
Horticulture	PF	Management of orchard for high yield	04.09.2023	1	off	6	20	26	5	20	25	11	40	51
Horticulture	PF	Management of orchard for high yield	13.09.2023	1	On	18	1	19	18	1	19	36	2	38
Horticulture	EF	Management of mango orchard for high yield	20.09.2023	1	On	27	1	28	26	1	27	53	2	55
Horticulture	EF	Scientific cultivation banana	25.09.2023	1	on	27	0	27	24	0	24	51	0	51
Horticulture	EF	Management of orchard for high yield	29.09.2023	1	on	25	2	27	23	2	25	48	4	52
Horticulture	PF	Insect control in paddy for quality yield	05.10.2023	1	Off	22	3	25	22	3	25	44	6	50
Horticulture	PF	Traning on Natural Farming	12.10.2023	1	Off	20	0	20	20	0	20	40	0	40

Horticulture	PF	Nutritional garden and its importance	07.10.2023	1	Off	2	37	39	2	37	39	4	74	78
Horticulture	PF	Awarenes Programme on Natural Farming	08.11.2023	1	Off	126	4	130	117	4	121	243	8	251
Horticulture	PF	Awarenes Programme on Natural Farming	29.11.2023	1	Off	120	15	135	115	15	130	235	30	265
Horticulture	PF	Awarenes Programme on Natural Farming	29.12.2023	1	Off	112	41	153	26	0	26	138	41	179
	Total	**131**		**402**		**3027**	**1854**	**4881**	**2505**	**1360**	**3865**	**5532**	**3214**	**8746**

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Enterprise	Mushroom Production	Mushroom Production	6 days	21	9	30				

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

I) Sponsored Training Programmes

Sl.	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants									Sponsoring Agency
					PF/RY/EF		Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1	Repair of Farm Machineries for Self Employment Generation	Farm Machineries	January	26	RY	1	20	3	0	1	0	0	21	3	0	24	DAO, Bhagalpur
2	Repair of Farm Machineries for Self Employment Generation	Farm Machineries	January	26	RY	1	22	1	0	0	0	0	20	1	0	21	DAO, Bhagalpur
3	Repair of Farm Machineries for Self Employment Generation	Farm Machineries	February	26	RY	1	21	2	0	0	0	0	21	2	0	23	DAO, Bhagalpur
4	Repair of Farm Machineries for Self Employment Generation	Farm Machineries	February	26	RY	1	20	2	0	1	0	0	21	2	0	23	DAO, Bhagalpur
5	Repair of Farm Machineries for Self Employment Generation	Farm Machineries	March	26	RY	1	16	4	0	0	0	0	16	4	0	20	DAO, Bhagalpur
6	Repair of Farm Machineries for Self Employment Generation	Farm Machineries	March	26	RY	1	19	1	0	0	0	0	19	1	0	20	DAO, Bhagalpur
7	Industrial Fish Farming	Fish Farming	September	15	College Students	1	18	2	0	9	2	0	27	4	0	31	Ganga Singh College, Chapta

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													
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													
Total													
Post harvest technology and value addition													
Processing and value addition													
Other													
Total													
Farm machinery													
Farm machinery, tools and implements	6	118	2	120	13	0	13	0	0	0	131	2	133
Other													
Total	6	118	2	120	13	0	13	0	0	0	131	2	133
Livestock and fisheries													
Livestock production and management													
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management	1	18	9	27	2	2	4	0	0	0	20	11	31
Other													
Total	1	18	9	27	2	2	4	0	0	0	20	11	31
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total	7	136	11	147	15	2	17	0	0	0	151	13	164

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

Total no of training organised	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 (Govt. of Bihar agency if any) if undertaken

Total no of training organised	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	
1	Gardener (RPL) 23.01.2023 to 04.02.2023	Gardener	80 hrs each	25	1	3	0	0	0	28	1	29	39290
1	Gardener (RPL) 24-07-2023 to 04-08-2023	Gardener	80 hrs each	27	0	3	0	0	0	30	0	30	154776
1	Micro Irrigation Technician (Domain) 01.03.2023 to 31.05.2023	Micro Irrigation Technician	420 hrs	21	8	0	0	1	0	22	8	30	286088
1	Gardener (Domain) 01.03.2023 to 20.05.2023	Gardener	380 hrs	25	2	3	0	0	0	28	2	30	294632
1	Gardener (Domain) 03.10.2023 to 16.12.2023	Gardener	380 hrs	27	2	0	0	0	0	27	2	29	418599

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	Total	SC (no.)	ST (no.)	M	F	Total	SC (no.)	ST (no.)	M	F	Total	SC (no.)	ST (no.)
Kisan Mela organized	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kisan Mela participated	4	5400	2620	8020	321	80	21	15	36	1	0	5421	2635	8056	322	80
Field Day	7	200	92	292	12	3	9	0	9	0	0	209	92	301	12	3
Kisan Ghosthi	5	524	245	769	31	8	4	0	4	0	0	528	245	773	31	8
Exhibition organized	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Participation in exhibition	3	346	75	421	17	4	2	0	2	0	0	348	75	423	17	4
Film Show	18	353	130	483	51	2	0	0	0	0	0	353	130	483	51	2
Method Demonstrations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Farmers Seminar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Workshop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Group discussion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lectures delivered as resource persons	24	480	120	600	24	6	0	0	0	0	0	480	120	600	24	6
Advisory Services	216	7128	1080	8208	328	82	0	0	0	0	0	7128	1080	8208	328	82
Scientific visit to farmers field	15	355	25	380	15	4	3	0	3	0	0	358	25	383	15	4
Farmers visit to KVK	548	485	63	548	22	5	0	0	0	0	0	485	63	548	22	5
Diagnostic visits	2	54	8	62	2	1	1	0	1	0	0	55	8	63	2	1
Exposure visits	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil health Camp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Animal Health Camp	4	140	80	220	9	2	4	0	4	0	0	144	80	224	9	2
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	1	0	32	32	1	0	1	0	1	0	0	1	32	33	1	0
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Special day celebration	2	58	15	73	3	1	0	0	0	0	0	58	15	73	3	1
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	38	570	494	1064	43	11	5	3	8	0	0	575	497	1072	43	11
Celebration of important date	26	1007	530	1537	61	15	18	15	33	1	0	1025	545	1570	62	15
Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	913	17100	5609	22709	940	224	68	33	101	2	0	17168	5642	22810	942	224

B. Other Extension/content mobilization activities

Nature of Extension Activity	**No. of activities**
Newspaper coverage	97
Radio talks	5
TV talks	0
Popular articles published	4
Extension Literature	8
Electronic media	0
Any other	0

C. Technology week celebration

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	22	9	31	0	0	0	22	9	31
International Women's Day (8th Mar.)	1	7	53	60	0	5	5	7	58	65
World Water Day (22nd Mar.)	1	93	9	102	3	1	4	96	10	106
World Health Day (07th Apr.)	1	35	4	39	0	0	0	35	4	39
World Bee Day (20th May)	1	28	3	31	0	0	0	28	3	31
World Milk Day (01st Jun.)	1	65	6	71	0	0	0	65	6	71
World Environment Day (5th Jun.)	1	26	5	31	0	0	0	26	5	31
Har med ek ped (16th Jul.)	1	145	29	174	0	0	0	145	29	174
Independence Day (15th Aug.)	1	36	6	42	0	0	0	36	6	42
Sadbhavna Pledge (20th Aug.)	1	26	6	32	0	0	0	26	6	32

Parthenium Awareness Week (16th to 22nd Aug.)	5	38	79	117	5	3	8	43	82	125
Nutrition Week (1 – 7th Sep.)	4	253	175	428	5	4	9	258	179	437
Tree plantation & Poshan Mela (17th Sep.)	1	36	49	85	2	0	2	38	49	87
Vanijya Mahotsava (26th Sep.)	1	21	5	26	0	0	0	21	5	26
Gandhi Jayanti (2nd Oct.)	1	35	22	57	0	0	0	35	22	57
Mahila Kisan Diwas (15th Oct.)	1	3	38	41	0	0	0	3	38	41
World Food Day (16th Oct.)	-	-	-	-	-	-	-	-	-	-
Vigilance Awareness Week (27th Oct. to 2nd Nov.)	2	58	7	65	0	0	0	58	7	65
National Unity Day (31st Oct.)	-	-	-	-	-	-	-	-	-	-
World Science Day (10th Nov.)	-	-	-	-	-	-	-	-	-	-
National Education Day (11th Nov.)	-	-	-	-	-	-	-	-	-	-
National Constitution Day (26th Nov.)	-	-	-	-	-	-	-	-	-	-
World Soil Day (5th Dec.)	1	80	25	105	3	2	5	83	27	110
Kisan Diwas (23rd Dec.)	-	-	-	-	-	-	-	-	-	-
Total	**26**	**1007**	**530**	**1537**	**18**	**15**	**33**	**1025**	**545**	**1570**

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 program of Hon'ble PM on Kisan Samman Nidhi (13th Instalment)	Hon'ble PM	284	8	1	293
2.	18-03-2023	Live telecast of Hon'ble PM on International Millets Conference	Hon'ble PM	147	9	2	158
3.	27-04-2023	Live Telecast Program of Hon'ble PM samman Nidhi Sah Anna Utpadan	Hon'ble PM	177	5	0	182
4.	30-04-2023	Live telecast programme of Hon'ble PM on 100th episode of Mann Ki Baat	Hon'ble PM	231	9	1	241
5.	27-07-2023	Live telecast program of Hon'ble Prime Minister on the occasion of 14th instalment of PM Kisan Samman Nidhi	Hon'ble PM	158	7	2	167
6.	30-09-2023	Launch of Sankalp Saptaah Under the Aspirational Blocks Programme	Hon'ble PM	268	9	5	282
7.	13-10-2023	Farmer's Interaction	Hon'ble AM, Govt. of Bihar	26	3	0	29
8.	15-11-2023	Live telecast program of Hon'ble PM for Release of 15th Instalment of PM-KISAN Samman Nidhi	Hon'ble PM	198	8	5	211
9.	09-12-2023	Live telecast program of Hon'ble PM	Hon'ble PM	134	9	3	146
			Total	1623	67	19	1709

3.5 a. Production and supply of Technological products

A. Seed production at seed village

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

Type of seed produced	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Cereals							
Paddy	Bhagalpur Katarni	10.20	76500	DSF, BAU, Sabour and CRA Projects			
Paddy	Sabour Harshit	51.60	206400				
Wheat	HD – 2967	24.20 (CS)	108900				
Oil seed							
Mustard	RH – 725	7.50	90000	CRA Projects			
Pulses							
Chickpea	Sabour – 1	1.20	12600	CRA Projects			
Lentil	IPL – 316	1.12	12320				
Green Manure							
Commercial crop							
Vegetables							
Potato	Kufri Ashoka	26.00	83200	CRA Projects			
Potato	Kufri Lalit	33.00	105600				
Potato	Kufri Lovkar	59.50	190400				
Potato	UC Map	11.00	35200				
Fodder							
Spices							
Fruits	**Orchard Sell**		**282000**				
Forest crop							
Ornamental/flower							
Medicinal							
Grand Total							

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							
Cabbage							
Tomato	Arka Rakshak	2500	2500				
Brinjal							
Chilli							
Onion							
Others							
Commercialseedlings							
Mulberry							

Sugarcane,							
Sweet Potato							
Turmeric							
Zinger							
Others							
Fruitsseedlings							
Mango	Zadalo, Malda, Bobay, Amarpali, Gulabkhas etc.	15000	1200000				
Guava	Allahabad Safeda, L-49	10000	400000				
Lime	Purbi Kagzi	5000	200000				
Papaya	Ranchi Local	500	7500				
Banana							
Ornamental plants							
Marigold							
Nerium, Exora, Taggar, Guldavdi, China Rose	Nerium, Exora, Taggar, Guldavdi, China Rose	500	12500				
Annual chrysanthemum							
Tuberose							
Others							
Medicinal and Aromatic							
Plantation							
Tuber Elephant yams							
Spices							
Grand Total							

D. Forest species

Crop	**Variety**	**No. of planting materials**	**Value (Rs)**	**Number of farmers to whom planting material provided**			
				SC	**ST**	**Other**	**Total**
Mahogni Plant	Mahogni	2000	40000				

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 (Nimast, Brahmastr, Jeevamrit)	100 lit	1000				
Bio-agents (Trichocardetc)						
Worms (earthworm, silk worms etc)	25	20000				
Vermicompost	60	48000				
Bio-fungicide						
Others, please specify (Mushroom spawn, Culture Mineral Mixture, Coir pith compost, Cow dung, Cow urine						
Total						

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	HF, Gir	18	700000				
Cow Milk	HF, Gir	15218 (lit.)	700028				
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat	Black Bangal	14	30000				
Other, please specify							
Poultry							
Broilers							
Layers							
Duals (broiler and layer)	Kraknath, Sonali	135	101250				
Japanese Quail							
Turkey							
Emu							
Ducks	Khakhi Campbell	30	10500				
Others (Pl. specify)							
Piggery							
Piglet							
Hog							
Others (Pl. specify)							
Rabbitry							
Fisheries							
Indian carp	Rohu, Katla, Mrigal	3 qtl.	52500				
Exotic carp	Grass Carp. Common Carp	2 qtl.	35000				
Mixed carp							

Fish fingerlings	Rohu, Katla, Marigal, Grass Carp. Common Carp	26100	78300				
Spawn	Rohu, Katla, Marigal, Grass Carp. Common Carp	107 lit	160500				
Others (Pl. specify)							
Grand Total			1868078				

H. SOIL & WATER TESTING

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

Sl. No	Name of the Equipment	Qty.
1.	Chemical balance (200 g)	One
2.	Conductivity meter	One
3.	Double distillation unit (1.5 lit./hr)	One
4.	Electronic balance (0.001 g)	One
5.	Hot air oven (14" x14" x14")	One
6.	Rotary shaking machine	One
7.	Hot plate	One
8.	Wooden pestle and flask	One
9.	Processor based P^H system	One
10.	Physical balance	One
13.	Mridaparikshak kit (Pusa STFR)	One

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
0	500	500

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	500	13	500	
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	1	500	500	3	Director Research, BAU, Sabour Associate Dean	110

					cum Principal, BAC, Sabour	

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 (Revolving Fund)

Year	Opening Balance	Expenditure	Income	Total Balance Amount
2016 – 17				
2017 – 18				
2018 – 19				
2019-20				
2020-21				
2021-22				
2022-23				
2023-24				

4. Infrastructure Development

Item	Progress
Seed processing unit	

Seed storage structure	
Nursery	
Animal sector	
Mushroom / other enterprises	
IFS	
Vermicompost Unit	
Pond	

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	Promotion of Indian mustard through Cluster Front Line demonstration in the east Gangatic Plaine of India	4.75

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			
	Desi Gaay – Prakritik Kheti ka stambh	1000	
	Prakritik Kheti Me Kitnashak Bnane ki vidhi	1000	
	Prakritik Keti keVibhin Awayab	1000	
Popular articles			
success story			
Bulletins			
Agro-advisory bulletins			
Extension Folders			
Technical reports	CRA Report	KVK Team	05
	Annual Action Plan Report	KVK Team	05
	Annual Progress Report	KVK Team	05
	SAC Report	KVK Team	05
	Rabi Extension Council Report	KVK Team	05
	Kharif Extension Council Report	KVK Team	05
	Monthly Progress Report	KVK Team	05
	Monthly Expenditure report	KVK Team	05
	World Soil Day report	KVK Team	05
	Review Report	KVK Team	05
	ARYA Report	KVK Team	05
	Climate Resilient Agriculture Report	KVK Team	05
	Kshamta Project Report	KVK Team	05
	University Ranking Report	KVK Team	05
	ARYA Action Plan	KVK Team	05
News letter	Krishak Samachar	1000	
Electronic Publication (CD/DVD etc)			
TOTAL			

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.	Er. Pankaj Kumar	Instrumentation for farm machinery testing and evaluation	04.12.2023	NRFMTTI, Haryana
2.	Dr. Mamta Kumari	Training cum exposure to learn about quality potato seed from special root cutting and different generation seed multiplication	26-30.06.2023	CIPUHS, Bangalore
3.	Dr. Mamta Kumari	Impact of climate change on Global Food Live Stock, Livelihood and Environmental Security	28-30.12.2023	NAU, Navsari
4.				

D. Details of attachment training (RAWE) through KVK

Type of attachment	No of student trained	No of days stayed
RAWE	41	90 days

E. Awards/Recognition

Institutional Award received by KVK

Sl. No.	Name of the Award	Conferring Authority	Amount	Purpose
1.				

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.			District millionaire farmer of India Award 2023	Amit Kaushik	Barhari Goradih	9608515369				
2.			District millionaire farmer of India Award 2023	Saurabh Kumar	Bihpur. Bhagalpur	873579657				

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	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Direct Seeded rice (DSR)	65	100%	33600 Rs./ha	44000/ha
Wheat sowing with Zero tillage	1033	100%	46650 Rs./ha	56000/ha
Polytunnel	285	38%	10000.00	85000/Unit
Standardization of fertilizer in Banana (Use of potash in banana)	520	26%	100-125/bunch	200-250/bunch
Sigatoka disease management in Banana	660	25%	90-100/bunch	150-175/bunch
Intercropping in orchard	350	27%	Fallow	150000/ha.
Double time insemination in cattle	1200	30%	Problem of Repeat breeding	90 % reduced occurance of repeat breeding
Mushroom farming	1050	30 %	-	30,000/season

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)

Give information in the same format as in case studies

Sl. No.	Horizontal spread of technologies	
	Technology	**Horizontal spread**
1.	Rice Variety (Rajendra Sweta)	560 ha
2.	Rice Variety (Sabour Sri)	235 ha
3.	Wheat variety (HD 2967)	445 ha
4.	Wheat variety (HD 2733)	320 ha
5.	Mustard (Rajendra Sufalam)	280 ha
6.	Mustard (RGN 48)	245 ha
7.	Lentil (Arun)	300 ha
8.	Lentil (HUL 57)	215 ha
9.	Lentil (KLS 218)	255 ha
10.	Lentil (IPL 406)	200 ha
11.	Chickpea (GNG 1581)	618 ha
12.	Green gram (HUM 16)	260 ha
13.	Green gram (SML 668)	380 ha
14.	Green gram (IPM 02-03)	135 ha
15.	Pigeon pea (Malviya 13)	220 ha
16.	Sesamum (Krishna/RT 351)	50 ha
17.	Seed treatment	2000 ha
18.	Use of etheral in artificial ripening of Banana	The technology is extended through OFT, FLD and training. It is very much popular among farming community. The rate of adoption is about 70%. Presently farmers/ seller of Malpur, Pakra, Mahadatpur, Makandpur, Gosaipur, Lati pakhra, Latra, Saidpur, Tetri, Tulsipur, Bramanpur, Telghi, Lattipur, Sonversa are using the technology.
19.	Mushroom farming (oyster & button)	1050 farm family

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	
Name & complete address of the entrepreneur	
Role of KVK with quantitative data support:	
Timeline of the entrepreneurship development	
Technical Components of the Enterprise	
Status of entrepreneur before and after the enterprise	
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	
Horizontal spread of enterprise	

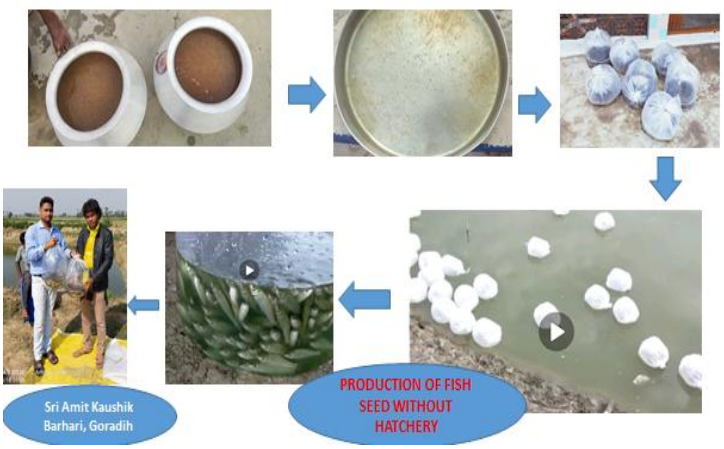
4.5. Success stories/Case studies, if any (two- or three-pages write-up on 1-2 best case(s) with suitable action photographs)

Case studies – 1

Name of farmer	Khagesh mandal
Address & Contact details (Phone, mobile, email Id)	Village; Usmanpur, Kharik Mob: 9572345205
Assets (Landholding (in ha.)/Livestock)	2ha
Name and description of the farm/ enterprise	Vegetable cultivation by Natural farming
Achievement of the farmers	Growing vegetables and getting high price in the market
KVK intervention (planning & Implementation)	Training ,advisory and demonstration
Impact (Economic/ Social/Environmental)	Getting high price ,uplifting the soicio-economic condition
Outcome (Horizontal/ Vertical spread)	5 ha

Case studies – 2

Name of farmer	**Amit Kaushik**
Address & Contact details (Phone, mobile, email Id)	Village: Barhari, Goradih, Bhagalpur Mob: 9608515369, 9006899640
Assets (Landholding (in ha.)/Livestock)	1 acre
Name and description of the farm/ enterprise	Fish and fish seed production
Achievement of the farmers	Average net Income from fish and fish seed is rupees 135000/year
KVK intervention (planning & Implementation)	Training, demonstration, exposure visit and market linkage.
Impact (Economic/ Social/Environmental)	He is supplying 100000.00 (Ten Lakh) fingerlings among the farmers of adjacent area and act as a resource person in the district.
Outcome (Horizontal/ Vertical spread)	



Case studies – 3

Name of farmer	**Prem Ranjan**
Address & Contact details (Phone, mobile, email Id)	Village: Maheshpur Aliganj, Jagdishpur, Bhagalpur Mob: 9955849986
Assets (Landholding (in ha.)/Livestock)	1 acre
Name and description of the farm/ enterprise	Poultry (Layer farming)
Achievement of the farmers	Average Income from their recourses rupees 120000/ cycle
KVK intervention (planning & Implementation)	Training, demonstration, exposure visit and market linkage with financial institutions.
Impact (Economic/ Social/Environmental)	He has producing 7000 egg per day, and act as a role model for farmers.
Outcome (Horizontal/ Vertical spread)	

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.	Bameti, Patna	Regarding assistance in training
2.	ATMA, Bhagalpur	Regarding assistance in training
3.	Deptt. of Agriculture, Bhagalpur	Regarding assistance in training
4.	Deptt. of Fishries, Bhagalpur	Regarding assistance in training
5.	Deptt. of Animal Husbandry, Bhagalpur	Regarding assistance in training
6.	National Horticultural Mission	Financial assistance
7.	IFFCO	Regarding assistance in training
8.	JEEVIKA, Bhagalpur	Regarding assistance in training
9.	RKVY	Financial assistance and technical assistance
10.	NIAM, Jaipur	Regarding assistance in training
11.	National Fertilizer Limited	Regarding assistance in training

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 Estd.**	**Area (m^2)**	**Details of production**			**Amount (Rs.)**	
				Variety/breed	**Produce**	**Qty.**	**Cost of inputs**	**Gross income**
1.	Vermicompost	2010	200	*E. foetida*	Compost	160 q	29000	90000
2.	Dairy	2018	80	Sahiwal	Milk	6200 liter	200000	60400
3.	Poultry	2015	90	Cob, Kadaknath	Poultry	6810 q	581000	100000
4.	Goatery	2015	500	Black bengal	Goat	12 no.	6000	18000
5.	Duckery	2015	80	Khaki campbell	Duck	90 no.	7000	20000
6.	Fishery & Fish Seed	2014	1000	Golden, silver carp, Rohu, Katla, Mrigal, Naini,	Fish & Fish Seed	152 liter	-	136800
	Total						**823000**	**425200**

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	

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

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

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
2009	IMD	Functioning

6.6. Utilization of hostel facilities

Accommodation available (No. of beds – 32 + Staff Quater)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
January	04 (RAWE Students from Sainath University, Ranchi)	9 days	
March	60 (BSDM, Gardener and Micro Irrigation)	31 days	
April	60 (BSDM, Gardener and Micro Irrigation)	30 days	
May	60 (BSDM, Gardener and Micro Irrigation)	31 days	
July	10 (RAWE Students from Sainath University, Ranchi)	25 days	
August	38 (RAWE Students from Sainath University, Ranchi)	31 days	
September	38 (RAWE Students from Sainath University, Ranchi)	30 days	
October	38 (RAWE Students from Sainath University, Ranchi) 28 (BSDM, Gardener and Micro Irrigation)	30 days	
November	13 (RAWE Students from Sainath University, Ranchi) 28 (BSDM, Gardener and Micro Irrigation)	30 days	
December	28 (BSDM, Gardener and Micro Irrigation)	16 days	
Total:	405		

(For whole of the year)

6.7 Utilization of staff quarters : **Non Functional**

- Whether staff quarters have been 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
KVK Main Account	UCO Bank	Sabour, Bhagalpur	04870200060554
KVK Revolving Fund	UCO Bank	Sabour, Bhagalpur	04870100017661
CFLD Oilseed KVK, Sabour	SBI	Sabour, Bhagalpur	42360893319
CFLD Pulses KVK, Sabour	SBI	Sabour, Bhagalpur	42360891617
Skilled Development Training Programme through KVK, Sabour	SBI	Sabour, Bhagalpur	42360889201
RPL Upscaling through KVK, Sabour	SBI	Sabour, Bhagalpur	42360894448

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 2022
	Kharif	Rabi	Kharif	Rabi	

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances			
3	Contingencies			
A				
B				
C				
D				
E				
F				
G				
H				
I				
J	Swachhta Expenditure			
TOTAL (A)				
B. Non-Recurring Contingencies				
1				
2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND				

GRAND TOTAL (A+B+C)			

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 31.12.2022
2019-20	46,09,759.80	26,40,130.00	27,38,350.41	45,11,539.39
2020-21	45,11,539.39	38,18,612.00	20,77,429.00	62,52,722.39
2021-22	62,52,722.39	27,18,273.00	28,16,097.00	61,54,898.39
2022-23	61,54,898.39	45,25,642.00	36,37,644.97	70,42,595.42

7.6. (i) Number of SHGs formed by KVKs

Sl. No.	Name enterprise	Group Name
1.	Mushroom farming	Samridhi Mushroom Utdpadak Samuh
2.	Repair & fabrication of Agricultural Implements & equipments	Shree Shambhu Industries, Sabour
3.	Commercial perseveration of fruit & vegetable	Jaymata SHG
4.	Commercial perseveration of fruit & vegetable	Maa Gayatri SHG
5.	Tailoring & stitching	Laxmi SHG
6.	Tailoring & stitching	Durga SHG
7.	Mushroom farming	Maa Lakshmi Self Help Group
8.	Mushroom farming	Jagriti Self Help Group
9.	Mushroom farming	Maa Gayatri Self Help Group
10.	Mushroom farming	Jay Maa Ambe Self Help Group

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

Technical support has been provided at regular interval and also advised them to apply advanced techniques in agriculture to secure their livelihood security as well as enhances their production.

(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
Task Force	10	Rabi, Summer and Kharif	DM, Bhagalpur		
Districk Skilled Committee Meeting	9	Rabi, Kharif	DM, Bhagalpur		

7.8 Revenue generation

Year	Opening Balance	Expenditure	Income	Total Balance Amount
2013 -14	16,69,181.80	18,02,646.00	15,95,385.00	14,61,920.80
2014 -15	14,61,920.80	14,98,909.00	15,44,919.00	15,07,930.80

2015 -16	15,07,930.80	13,67,410.00	31,78,985.00	33,19,505.80
2016 – 17	33,19,505.80	17,31,648.00	14,12,563.00	30,00,420.80
2017 – 18	30,00,420.80	18,73,536.00	11,45,069.00	22,71,953.80
2018 – 19	22,71,953.80	2334807.00	4672613.00	4609759.80
2019-20	4609759.80	27,38,350.41	26,40,130.00	45,11,539.39
2020-21	45,11,539.39	20,77,429.00	3818612.00	62,52,722.39
2021-22	62,52,722.39	28,16,097.00	27,18,273.00	61,54,898.39
2022-23	6154898.39	3637944.97	4525642.00	70,42595.42
2023-24 (Upto 14 July)	70,42595.42	711389.00	1576065.00	

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	*7832*
2.	No. of farmers registered in the portal	*5000*
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

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
1048	8	5	2	0	0	13	16	-	-	26	6		

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				
8.	Total				

8.5 Kisan Sarathi

Name of KVK	**No. of Farmers Registered on Portal**
Bhagalpur	4568

8.6. a. Observation of Swachhta hi Sewa (2nd-31st Oct 2023)

Date/ Duration of Observation	Total No of Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total

02.10.2023	Cleaning of KVK premises	14	15	**2**	**31**
05.10.2023	Cleaning of Trainees hostel	14	18	**1**	**33**
09.10.2023	Cleaning of Integrated Farming System and Residential area	14	26	**0**	**40**
12.10.2023	Cleaning of Nursery and orchard area	14	13	**0**	**27**
16.10.2023	Quiz Competition	14	17	**2**	**33**
17.10.2023	Vermi Composting Preparation	14	23	**0**	**37**
23.10.2023	Disposal of agricultural waste	14	12	**0**	**26**
25.10.2023	Awareness on use of ecofriendly technologies	14	34	**0**	**48**
30.10.2023	Gardening in office premises	14	28	**0**	**42**
					317

b. Observation of SwachtaPakhwada (15 Dec -31st Dec 2023)

Date/ Duration of Observation	Activities undertaken	No. of Participants			
		Staffs	**Farmers**	**Others**	**Total**
15.12.2023	Cleaning of KVK premises	14	21	**-**	**35**
16.12.2023	Cleaning of Trainees hostel	14	18	**-**	**32**
20.12.2023	Cleaning of Integrated Farming System and Residential area	14	22	**-**	**36**
21.12.2023	Cleaning of Nursery and orchard area	14	14	**-**	**28**
25.12.2023	Quiz Competition	14	19	**-**	**33**
26.12.2023	Training on mushroom farming: A means for disposal of agricultural waste	14	30	**-**	**44**
27.12.2023	Training on disposal of agricultural waste	14	31	**-**	**45**
28.12.2023	Awareness on use of ecofriendly technologies	14	25	**-**	**39**
29.12.2023	Training on mushroom farming: A means for disposal of agricultural waste	14	30	**-**	**44**

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		
2.	Other than vermicomposting activities under Swachata		

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 .Vikisit Viksit Bharat Sanklap 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	211	237	67078	211

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

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)

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 & Women	3	85
b.	Women	0	0
c.	Rural Youths	2	63
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
		0	0
3)	FLD	No. of FLDs	No. of beneficiaries
a	Vanraja chicks	600	30
b.	Mango Plants	200	50
c.	Small tools	60	30
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		25	1250
5)	Other activities		
a.	Participants in extension activities (No.)	625	
b.	Production of seed (q)	-	
c.	Production of Planting material (No. in lakh)	0.25	
d.	Production of Livestock strains (No. in lakh)	525	
e.	Production of fingerlings (No. in lakh)	0.50	
f.	Testing of Soil, water, plant, manures samples (Nos.)	125	

11.4. NICRA (Technology Demonstration component)

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	
DSR in Paddy(Sabour Shree and Sabour Sampann)	2	-	10	-	-	-	-	42	16	42	16	58	
Wheat ZT Sowing of HD 2967 variety	2	-	10	-	-	-	-	30	0	30	0	30	
Mustard ZT sowing of Rajendra Suflam variety	2	-	4	-	-	-	-	15	0	15	0	15	
Lentil ZT sowing of IPL-316 variety	2	-	6	-	-	-	-	22	0	22	0	22	
Green gram ZT sowing of Shikha variety	2	-	10	-	-	-	-	27	0	28	1	28	
			40									153	

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	
DSR in Paddy(Sabour Shree and Sabour Sampann)	10					42	16	42	16	58	
Maize+Potato (K.Pukhraj) + intercropping	5.5	1	0			25	0	25	1	26	
Wheat ZT Sowing of	10					30	0	30	0	30	

HD 2967 variety											
Mustard ZT sowing of Rajendra Suflam variety	4					15	0	15	0	15	
Lentil ZT sowing of IPL-316 variety	6					22	0	22	0	22	
Raised Bed variety Kufri Pukhraj	4	1	0			31	0	32	1	32	
Green gram ZT sowing of Shikha variety	10	1	0			27	0	28	1	28	
Chickpea-IPL-316	10	3	1			28	0	31	1	32	

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	
Immunization	240	400 (Cattles, Goat)	-	10	5	0	0	175	35	185	40	240	
Cattle(Mineral Mixture)	30	20	-	0	0	0	0	16	4	16	4	20	
Cattle green fodder(Barseem)	17	20	-	0	0	0	0	18	2	18	2	20	

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
RCT	1	1	2	0	0	29	1	28	3	31
Disease Management	1	3	1	0	0	14	36	17	37	54
ICM	1	2	1	0	0	39	2	41	3	44
ICM	1	1	0	0	0	36	2	37	2	39
ICM	1	2	1	0	0	15	0	17	1	18
ICM	1	3	1	0	0	32	3	35	4	39
IPM	1	2	0	0	0	21	0	23	0	23
ICM	1	3	0	0	0	17	0	20	0	20
ICM	1	1	1	0	0	18	1	19	2	21
ICM	1	1	1	0	0	17	17	21	18	39
Entrepreneurship Development	1	2	1	0	0	25	10	27	11	38
Field Day	1	1	1	0	0	23	1	24	2	26

f. Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
Exposure visit of farmers	1	0	0	0	0	56	08	56	08	64
Field Days	1	1	0	0	0	45	7	46	07	53
Method Demonstrations on Spraying of weedicide and Insecticide	2	0	0	0	0	21	4	21	4	25
Awareness on Natural Farming	1	10	5	0	0	104	36	114	41	155

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

Details of Group formed

Sl. No.	Name of the Group	No. of Members	Working Area
1	Bandana Nursery, Bishanpur, Nathnagar	8	Nursery raising of horticultural crops
2	Murari Nursery, Mirjanhat, Bhagalpur	10	Nursery raising of horticultural crops
3	Hansraj Nursery, Motichak, Sultanganj	9	Nursery raising of horticultural crops
4	Prerak Nursery, Bahadurpur, Sabour	10	Nursery raising of horticultural crops
5	Ananya Sri, Kamalnagar, Bhagalpur	10	Nursery raising of horticultural crops
6	Maa Nursery, Parghadi, Sabour	11	Nursery raising of horticultural crops
7	Subhash Nursery, Gheeya, Goradih	9	Nursery raising of horticultural crops
8	Parsuram Nursey, Chapar, Rangra Chowk	8	Nursery raising of horticultural crops
9	Shabnam Nursery, Chapar, Rangra Chowk	8	Nursery raising of horticultural crops
10	Upwan Vihar Nursey, Noorpur, Nathnagar	10	Nursery raising of horticultural crops
11	Madhuban Nursey, Maheshi, Sultanganj	8	Nursery raising of horticultural crops
12	B.K. Nursery, Fatehpur, Sabour	10	Nursery raising of horticultural crops
13	Krishna Nursery, Gopalpur, Sabour	9	Nursery raising of horticultural crops
14	Sadabahar Nursery, Lailakh, Sabour	10	Nursery raising of horticultural crops
15	Gati Nursery, Lailakah, Sabour	10	Nursery raising of horticultural crops
16	Gaurav Nursery, Siyargarh, Goradih	11	Nursery raising of horticultural crops
17	Alok Nursery, Dhankar, Sabour	9	Nursery raising of horticultural crops
18	Ranjan Nursery, Gopalpur, Sabour	8	Nursery raising of horticultural crops
19	Freshwater Fish Culture Group, Meharpur, Pirpainti	12	Fish production
20	Kohal Fish Culture Group, Kairiya, Kahalgaon	20	Fish production
21	Meetha Jal Utpadan Group, Shadpur, Shahkund	15	Fish production
22	Kisanbhai Fish Utpadan Group, Baijani, Jagdishpur	13	Fish production

23	Vasundhara Fish Utpadan Group, Barhadi, Goradih	12	Fish production
24	Adarsh Poultry Group, Srinagar, Pirpainti	20	Broiler farming
25	Meharpur Broiler Production Group, Meharpur, Pirpainti	10	Broiler farming
26	Broiler Utpadan Group, Kajipura, Kahalgaon	10	Broiler farming
27	Kaushalya Broiler Production Group, Damuchak, Goradih	22	Broiler farming
28	Manorama Broiler Production Group, Sardho, Sabour	11	Broiler farming
29	Shama poultry farming Group, Fatehpur, Sabour	8	Broiler farming
30	Amit poultry farming group, Pirpainti	10	Broiler farming

Details of FPO formed

Sl. No.	Name of the FPO	No. of Members	Working Area	Annual Turnover (Lakh)
1	Jardalu Mango	100	Nursery raising of horticultural crops	8.5
2	Kohal Farm Producer's Company, Kairiya, Kahalgaon	250	Marketing of Fish, Fish seed, Horti & Poultry Products	8.5
3	Herb Farmer Producer's Company, Tarcha-Damuchak, Goradih	125	Marketing of Fish, Fish seed, Horti & Poultry Products	1.75
4	Agro Point Farmer Producer's Company, Meharpur, Pirpainti	155	Marketing of Fish, Fish seed, Horti & Poultry Products	2.25

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

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		
Bio-fortified Crops		
Value addition (in no. of Unit or no. of Enterprise)		
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.		Backyard/Kitchen Garden			
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 benefi-ciaries

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

f. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries

g. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries

h. Details of recipe contest (if applicable)

No of events organised	Name of location/village	No. of participants
1		
2		
3		

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**		
Nursery Raising	69	6	175	15	49	20	69	43
Fisehries	78	6	173	12	66	10	78	37
Poultry	95	7	228	22	70	15	95	52

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	67
2.	Training programme	5	598
3.	Demonstrations	8	8

b. Details of Training programmes

S.No	Name of training programme	Date	Location/Venue	No. of beneficiaries
1	Training on natural farming	12.10.2023	Raipur, Goradih	20
2	Training on natural farming	08-09.02.2023	Gorrah, Goradih	40

c. Details of Awareness programmes

S.No	Name of Activity	Date	Location/Venue	No. of beneficiaries
1	Awareness cum practical programme	08.11.2023	Kaasil, Gorrah	130
2	Awareness cum practical programme	29.11.2023	Khairpur, Kharik	132
3	Awareness cum practical programme	22.12.2023	Gorrah, Goradih	150
4	Awareness cum practical programme	06.01.2024	Ganga Kanharia	100
5	Awareness cum practical programme	05.02.2024	Damupur, Kahalgaon	86

e. Details of Demonstrations

S.No	Name of Crop	Location of Demo.	Area of Demo.
1	Mustard (Var. RH-725)	Raipura, Goradih	12 acre

11.9 District Agro Meteorological Unit (DAMU)

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

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

11.11 Agri-Drone

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)

Sl. No.	Module details (Component-wise)	Area under IFS (m^2)	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
1.	Goatery	117.5	36 No.	12000.00	9000.00	100	25 %
2.	Broiler & Dual	145.0	1417.5 Kg.	109850.00	125850.00	1000	200 %
3.	Duckery	11.0	97 No.	12000	13000	10	15 %
4.	Fish seed	4000	280 Ltr.	100000.00	420000.00	05	15 %
5.	Fishery						
6.	Horticulture	600	225 No.	25000.00	45000.00	25	10 %
7.	Vermicompost	150	8000 Kg.	18000.00	38000.00	21	10 %
8.	Dairy	250	02 No.	-	-	-	-

B) Activities under IFS

Sl. No.	Component Name	No. of Components established	Area (ha)	No. of Activities		No. of farmers benefited	
				Demo	Training	Demo	Training
1.	Goatery	2013	117.5 M^2	10	06	330	178
2.	Broiler & Dual	2013	145.0 M^2	21	11	620	320
3.	Duckery	2013	11.0 M^2	12	7	352	205
4.	Fish seed	2014	4000 M^2	56	9	1935	272
5.	Fishery	2014	-	42	8	1756	245
6.	Horticulture	2014	600 M^2	18	8	480	252
7.	Vermicompost	2016	150 M^2	14	10	396	312
8.	Dairy	2018	250 M^2	5	3	126	106

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

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants

12 Good quality action photographs with caption in JPEG FORMAT SEPARATELY of overall achievements of KVK during the year (best 10)


भैंसो की विभिन्न नस्लें
USHA
STRAIGHT STITCH


कृषि विज्ञान केन्द्र, सबौर, भागलपुर
(बिहार कृषि विश्वविद्यालय, सबौर)
स्मार्ट प्रशिक्षण कक्ष का
उद्घाटन
डा० डी० आर० सिंह
कुलपति
कृषि विश्वविद्यालय, सबौर, भागलपुर
के कर कमलों द्वारा
डा० आर० के० सोहाने
निदेशक प्रसार शिक्षा
बिहार कृषि विश्वविद्यालय, सबौर
की गरिमामयी उपस्थिति में
दिनांक 22 जून 2023 को सम्पन्न हुआ


मैंसो की विभिन्न नस्लें


मैंसो की विभिन्न नस्लें


जलवायु अनुकूल कृषि कार्यक्रम
फसल चक्र :- धान - चना - मूँग
फसल:- धान
बुआई विधि:- धान की सिधी बुआई
औसत उपज:- 42-44 क्विं./ है.
अनु. लागत- 30,000 रु./ है.
प्रभेद :- सबौर हर्षित
बुआई तिथि:- 24.06.2023
अवधि:- 120-125 दिन
अनु. आमदनी- 68,500 रु./ है.
फसल चक्र | धान | चना | मूँग | कुल
अनु. लागत (रु./ है./ वर्ष) | 30,000 | 25,850 | 23,200 | 79,050
अनु. आमदनी (रु./ है./ वर्ष) | 68,500 | 88,500 | 64,500 | 221,500
कृषि विज्ञान केन्द्र, भागलपुर


राष्ट्रीय सेवा योजना
कृषि विज्ञान केन्द्र
आइए, एक साथ मिलकर करें
1 अक्टूबर, सुबह 10 बजे, 1 घंटे
स्वच्छता के लिए श्रमदान


कृषि विज्ञान केन्द्र, सबौर, भागलपुर
स्वच्छता ही सेवा
15 सितम्बर से 02 अक्टूबर 2023


कृषि विज्ञानकेन्द्र, सबौर, भागलपुर
स्वच्छता ही सेवा
15 सितम्बर से 02 अक्टूबर 2023


बिहार कौशल विकास मिशन से सबद्ध
श्रम संसाधन विभाग, बिहार सरकार
तकनीकि कौशल विकास केंद्र
विषय : माली (डोमेन) प्रशिक्षण
दिनांक : 03 अक्टूबर से 16 दिसम्बर, 2023
रोपे धान मशीन से


विक्रमशिला दुग्ध उत्पादक सहकारी संघ लिमिटेड भागलपुर
Latitude: 25.25979
Longitude: 87.005755
Elevation: 65.41±10 m
Accuracy: 8.0 m
Time: 03-10-2023 15:45
Note: KVK, Sabour Bgp.
Powered by NoteCam


मत्स्य हैचरी


संबद्ध क. म. वि. ग्रामीण क्षेत्र, सबौर
भागलपुर
कृषि विज्ञान केन्द्र, सबौर
राष्ट्रीय पोषण माह
दिनांक : 01 – 30 सितम्बर 2023
बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर 813210


राष्ट्रीय पोषण माह


कृषि विज्ञान केन्द्र,भागलपुर
(बिहार कृषि विश्वविद्यालय, सबौर- 813210)
जलवायु अनुकूल कृषि कार्यक्रम
अन्तर्गत
प्रखण्ड- नौगाछिया
दिनांक- (23-11-2023)023
Latitude: 25.201152
Longitude: 86.933741
Elevation: 48.91±8 m
Accuracy: 7.5 m
Time: 11-23-2023 15:05
Note: Bhatuachak Nathnagar Bhagalpur
Bihar agriculture University Sabour bhagalpur
Powered by NoteCam


कृषि विज्ञान केन्द्र, बाँका
जल-जीवन-हरियाली
जलवायु (मौसम) के अनुकूल कृषि कार्यक्रम
बाँका जिला के बाहर
कृषक प्रशिक्षण –सह– परिभ्रमण कार्यक्रम
दिनांक :- 05.10.2023
स्थान :- अंजीकुल गाँव एवं कृषि विज्ञान केन्द्र, सबौर


कृषि विज्ञान केन्द्र, भागलपुर
जल – जीवन – हरियाली
जलवायु अनुकूल कृषि कार्यक्रम
Latitude: 25.105937
Longitude: 87.075913
Elevation: 37.51±3 m
Accuracy: 5.0 m
Time: 15-09-2023 15:54
Note: Laugain, Goradih, Bgp.
Powered by NoteCam


कृषि विज्ञान केन्द्र, भागलपुर
जल – जीवन – हरियाली
जलवायु अनुकूल कृषि कार्यक्रम


कृषि विज्ञान केन्द्र, भागलपुर
जल – जीवन – हरियाली
जलवायु अनुकूल कृषि कार्यक्रम
Latitude: 25.108672
Longitude: 87.080524
Elevation: 40.23±5 m
Accuracy: 6.0 m
Time: 15-09-2023 14:01
Note: Laugain, Goradih, Bgp
Powered by NoteCam


कृषि विज्ञान केन्द्र, भागलपुर
(बिहार कृषि विश्वविद्यालय, सबौर)
हर कदम हर डगर
किसानों का हमसफर


कृषि विज्ञान केन्द्र, भागलपुर
गाजरघास जागरूकता सप्ताह
Latitude: 25.232429
Longitude: 87.052781
Elevation: 52.28±3 m
Accuracy: 6.0 m
Time: 18-08-2023 15:17
Note: KVK (Sabour), Bhagalpur
Powered by NoteCam


कृषि विज्ञान केन्द्र, भागलपुर
"राष्ट्रीय पोषण सप्ताह"
GPS Map Camera
Bhathachak, Bihar, India
6W2J+GQ8, Bhathachak, Bihar 812006, India
Lat 25.201181°
Long 86.931782°
04/09/23 04:32 PM GMT +05:30
Google


कृषि विज्ञान केन्द्र, भागलपुर
(बिहार कृषि विश्वविद्यालय, सबौर)
हर कदम हर डगर
किसानों का हमसफर
दूरभाष : 0641-2451186
ई-मेल : bhagalpurkvk@gmail.com
किसान हेल्पलाइन नं.: 18003456455
किसान ई-मेल : farmershelplinebausabour@gmail.com
डॉ. डी० आर० सिंह
डॉ. आर० के० सोहाने
डॉ० आर०


कृषि विज्ञान केन्द्र, भागलपुर
भारतीय कृषि अनुसंधान परिषद
की 95वीं स्थापना दिवस पर
तकनीकी जागरूकता कार्यक्रम
दिनांक : 16 – 18
जुलाई, 2023
आज़ादी का
अमृत महोत्सव
कृषि विश्वविद्यालय, सबौर, भागलपुर 813210
भैंसो की विभिन्न नस्लें
रोपे धान मशीन से
डॉ. आर. के. सोहाने
डॉ. एस० एन० राय


Domain Skill Center
Course: Micro-irrigation Technician (Ver-2.0)
RUN BY : KRISHI VIGYAN KENDRA
ADDRESS : SABOUR
DISTRICT : BHAGALPUR
Latitude: 25.23711
Longitude: 87.045001
Elevation: 37.71±3 m
Accuracy: 6.0 m
Time: 09-05-2023 18:15
Note: KVK, Sabour, Bhagalpur
Powered by NoteCam


कृषि विज्ञान केन्द्र, भागलपुर
मौसम अनुकूल कृषि योजनान्तर्गत
"मोटे अनाज का महत्व"
विषयक एक दिवसीय कार्यशाला
भैंसो की विभिन्न नस्लें


Latitude: 25.205093
Longitude: 86.926014
Accuracy: 1200.0 m
Time: 05-07-2023 15:55
Note: nicra(bhatuachak)
Powered by NoteCam


कृषि विज्ञान केन्द्र, भागलपुर
हर कदम हर डगर
किसानों का हमसफर


Latitude: 25.236889
Longitude: 87.046258
Elevation: 19.4±19 m
Accuracy: 32.1 m
Time: 19-09-2023 12:20
Note: KVK, Sabour, Bgp.
Powered by NoteCam


Latitude: 25.144286
Longitude: 87.112523
Elevation: 43.84±4 m
Accuracy: 6.0 m
Time: 05-01-2024 15:28
Note: Murhan Jamin, Goradih, Bhagalpur
Powered by NoteCam


लोक सेवाओं का अधिका
स्वास्थ्य मेला


Latitude: 25.108619
Longitude: 87.060483
Elevation: 43.99±6 m
Accuracy: 9.5 m
Time: 08-01-2024 13:06
Powered by NoteCam


भारत सरकार
डाक विभाग
सुकन्या समृद्धि खाता
AI DUAL CAMERA
Shot on realme 3


बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर
भा. कृ. अनु. प. – अटारी,जोन –1V, पटना (बिहार)
विकसित भारत संकल्प यात्रा
प्राकृतिक,सेती ,मृदा स्वास्थ्य कार्ड , ड्रोन एवं
अन्य कृषि विषयक प्रशिक्षण कार्यक्रम
कृषि विज्ञान केन्द्र, भागलपुर
Latitude: 25.238891
Longitude: 86.99778
Elevation: 67.44±8 m
Accuracy: 5.6 m
Time: 14-01-2024 13:30
Powered by NoteCam

4 | दैनिक जागरण
भागलपुर 20 जनवरी 2024
www.jagran.com
कैंपस जा

बगैर डीजल–पेट्रोल के चलेंगे कृषि यंत्र, खेती में घटेगा खर्च

संस, भागलपुर: कृषि विज्ञान केंद्र के प्रक्षेत्र में शुक्रवार को बीएयू के कुलपति की उपस्थिति में खेतों में इको फ्रेंडली कृषि यंत्रों का प्रत्यक्षण किया गया। इससे पहले कुलपति डा. डी.आर सिंह की अध्यक्षता में उच्च स्तरीय बैठक हुई। उसमें प्रसार शिक्षा निदेशक डा. आरके सोहाने, अधिष्ठाता कृषि डा. ए. के. साह, कृषि महाविद्यालय सबौर के प्राचार्य डा. एस एन राय के साथ-साथ कृषि अभियंत्रण विभाग के सभी विज्ञानी शामिल हुए। बैठक में आने वाले समय में किसानों को सस्ती दर पर कृषि यंत्र उपलब्ध कराने पर चर्चा की गई। इसके लिए बगैर डीजल, पेट्रोल व गैस जैसे ईंधन का इस्तेमाल किए सस्ती कृषि मशीनों के जरिये कृषि कार्य संपन्न करने पर जोर दिया गया। इस अवसर पर कानपुर से आये विकल्प फार्म के यूनिवर्सल कारगो एण्ड इक्यूपमेंट के विवेक चतुर्वेदी ने ऐसी कई मशीनों का प्रदर्शन किया जो बैटरी और मैनुअल तरीके से संचालित की जा सकती हैं। वे आसानी से फसलों की कटाई और मड़ाई करने में सक्षम हैं। इन सस्ती मशीनों के उपयोग से कम मजदूरी में खेतो की कटाई और मड़ाई की जा सकती है। इसी प्रकार ई-वीडर मशीन से बहुत ही आसानी से फसलों से खर-पतवार पर नियंत्रण पाया जा सकता है। बैठक के उपरांत ई-वीडर और फ्लेक्सी सिंक्रकलर मशीनों का खेतों मे प्रत्यक्षण किया गया।

बोले कुलपति, करें विकल्प की तलाश: कुलपति डा. डीआर सिंह ने विज्ञानियों से कहा कि आप ऐसे विकल्प की तलाश करें जिससे किसानों के कृषि कार्य आसान व कम खर्चीला हो। उन्होंने कहा कि हर कृषि विज्ञान केंद्र पर एक माडल स्तर का जलवायु अनुकूल यंत्र स्टेशन बनाया जायेगा। उन्होंने एग्रीकल्चर इंजीनियरिंग के विज्ञानियों से वीमेन फ्रेंडली और कास्ट इफेक्टिव मशीनें तैयार करने का आह्वान किया। ताकि किसान उसका उपयोग कर लागत कम कर सकें।

- कुलपति ने कृषि विज्ञानियों के साथ खेतों में कराया सहज व सस्ते कृषि यंत्रों का प्रत्यक्षण
- कृषि इंजीनियरों से किया इको फ्रेंडली व सस्ती कृषि मशीनें तैयार करने का आह्वान
- बैटरी व हस्तचालित कटाई, मड़ाई व खर-पतवार नियंत्रण करने आदि मशीनों का किया गया प्रदर्शन

कृषि यंत्र से कटिंग करते बीएयू के कुलपति डा. डीआर सिंह • जागरण

दौड़ेगी हीरा–मोती की जोड़ी, धरती उगलेगी सोना

जागरण विशेष

ललन तिवारी • भागलपुर

विरासत की विधा में विज्ञानी समावेश कर खेती-बाड़ी को इको फ्रेंडली बनाया जाएगा। इससे कम खर्च में ज्यादा से ज्यादा आय अर्जित करने के हाइटेक माडल बनाने पर बिहार कृषि विश्वविद्यालय (बीएयू) ने कार्य आरंभ कर दिया है। बीएयू की सोच है कि बदलते परिवेश में किसानी की नई क्रांति का आगाज बिहार से होगा। इसी कड़ी में विश्वविद्यालय ईंधन जैसे डीजल, पेट्रोल आदि का उपयोग नहीं कर सौर ऊर्जा और बैट्री से संचालित छोटे से बड़े बहुपयोगी कृषि यंत्र का माडल विकसित करने जा रहा है। बदलते समय में बैल जहां उपेक्षित हो गए हैं, उनकी उपयोगिता भी नहीं के बराबर रह गई है। अब खेती में पानी वाला बड़ा पंप का संचालन बैलों के माध्यम से ही किया जाएगा।

बैटरी से चलेगा धान का थ्रेसर: आत्मनिर्भर भारत, जलवायु परिवर्तन के कारकों पर विराम और किसानों को समृद्ध बनाने की कड़ी में कानपुर की एक कृषि यंत्र की कंपनी से विश्वविद्यालय एमओयू करने पर विचार कर रहा है। डेमो भी विज्ञानियों को दिखाया गया, जिसमें धान की खुआई से लेकर कमीनी, कटनी, मड़ाई आदि सबकुछ थ्रेसर से होगा।

खेती मे बैल का उपयोग • जागरण

खेती किसानी में आत्मनिर्भर देश बने। किसानों का खर्च कम हो और खेती लाभकारी बने। पराली जैसी समस्या का समाधान हो और जलवायु परिवर्तन करने वाले कारकों को कम किया जा सके इस परिपेक्ष्य मे ही यंत्र का निर्माण किया जा रहा है। – **विवेक चतुर्वेदी**, कृषि यंत्रों के निर्माता, कानपुर

इको फ्रेंडली कृषि यंत्र जो कम से कम खर्च मे संचालित किया जा सके, उसका माडल केवीके मे बनाने की पहल की जा रही है। कृषि इंजीनियरों ने इस दिशा मे काम आरंभ कर दिया है। कृषि यंत्र बनाने वाली एक कंपनी से भी सहयोगात्मक संबंध स्थापित किया जा रहा है। –डा. डीआर सिंह, कुलपति बीएयू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अन्तर्गत
प्रक्षेत्र दिवस


GPS Map Camera
Bhagalpur,BR,India
Nathnagar, Bhagalpur, 812005, BR, India
Lat 25.194442, Long 86.931925
11/25/2023 01:02 PM GMT+05:30
Note : Captured by GPS Map Camera

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