

PROFORMA FOR ANNUAL REPORT 2021 (1st January- 31st December 2022)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail	Website
	Office	FAX		
Krishi Vigyan Kendra Agwanpur, Barh, Patna (Bihar)	7549476543		patnakvk@gmail.com kvk.patna@icar.gov.in	www.patna.kvk4.in

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

Address	Telephone		E mail	Website
	Office	FAX		
Bihar Agricultural University Sabour, Bhagalpur.	06412- 452604	06412- 452604	vcbausabour@gmail .com	www.bausabour.o rg

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Kumari Sharda	7549476543	7549476543	patnakvk@gmail.com

1.4. Year of sanction of KVK: - August 1992
(Reference of sancation order):- NIES (35)/92/KVK/AE-12
Dated 05th August 1992

1.5. Staff Position (as on 1st January, 2021)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Matrix Level	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
1	Senior Scientist & Head	Dr Kumari Sharda	Senior Scientist & Head	Home Science	Level-13 (A) 1,56,900.00	07.05.2012	Permanent	Others
2	Subject Matter Specialist	Dr. Mrinal Verma	Subject Matter Specialist	Agricultural Engineering	Level-10 (R) 89,800.00	25.07.2007	Permanent	Others
3	Subject Matter Specialist	Dr. Bishnu Deo Singh	Subject Matter Specialist	Agril. Extension	Level-10 (R) 98,200.00	20.12.2007	Permanent	Others
4	Subject Matter Specialist	Sri Rajeev Kumar	Subject Matter Specialist	Soil Science	Level-10 71,100.00	12.04.2012	Permanent	Others
5	Subject Matter Specialist	Vacant	Subject Matter Specialist	Vacant	-	-	-	-
6	Subject Matter Specialist	Vacant	Subject Matter Specialist	Vacant	-	-	-	-
7	Subject Matter Specialist	Vacant	Subject Matter Specialist	Vacant	-	-	-	-
8	Programme Assistant	Dr. Prakash Chandra Gupta	Programme Assistant (LabTech.)	Plant Physiology	Level-06 46,200.00	12.11.2012	Permanent	Others
9	Computer Programmer	Sri Akhilesh Kumar	Programme Assistant (Computer)	Computer	Level-06 44,900.00	22.05.2013	Permanent	BC
10	Farm Manager	Vacant	Farm Manager	-	-	-	-	-
11	Assistant	Sri Jayant Prasad	Assistant	M.com	Level-06 44,900.00	15.04.2013	Permanent	EBC
12	Stenographer	Vacant	-	-	-	-	-	-
13	Driver	Sri Kanhaiya kumar Rai	Driver	Matric	Level-03 26,800.00	14.05.2015	Permanent	BC
14	Driver	Vacant	-	-	-	-	-	-
15	Supporting Staff	Bachhan Sah	Messenger cum Peon	8 th Pass	Level-02 36,100.00	22.12.1992	Permanent	Others
16	Supporting Staff	Vacant	-	-	-	-	-	-

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.5
2.	Under Demonstration Units	0.3
3.	Under Crops	14.2
4.	Orchard/Agro-forestry	4.0
5.	Others with details	-
	Total	20.0

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of building	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building	-	-	-	-	Completed	505	Under Use	ICAR
2.	Farmers Hostel	-	-	-	-	Completed	305	Under Use	ICAR
3.	Staff Quarters (6)	-	-	-	-	Completed (PC)	87	Under use	ICAR
						Completed Supporting Staff (2 Unit)	77	Under use	ICAR
					SMS (2 Unit)	Incomplete	128		ICAR
4.	Piggery unit	-	-	-	-	-	-	-	-
5	Fencing	-	-	-	Completed	-	2830 Running meter	Need to be repaired	ICAR
6	Rain Water harvesting structure	-	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	Completed	785	Under Use	ICAR
8	Farm godown	-	-	-	-	Completed	60	Under Use	ICAR
9.	Dairy unit	-	-	-	Completed	-	-	-	RKVY
10.	Poultry unit	-	-	-	Completed	-	-	-	RKVY
11.	Goatary unit	-	-	-	Completed	-	-	-	RKVY
12.	Mushroom Lab					1 unit	21	Under Use	ICAR
13.	Vermicompost					2	18	Under	ICAR

	production unit							Use	
14.	Shed house					-	-	-	-
15.	Soil test Lab					1 unit	37	Under Use	ICAR
16	DG Set Shed					1unit	216	Under Use	ICAR
17	Mushroom Production/ Demonstration Unit					1 unit	35	Under Use	ICAR

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

B)

Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Motor cycle (BR01CQ9613)	2015	59,452.00	18850 Km	Good condition
Motor cycle (BR01CQ9614)	2015	59,452.00	11976 Km	Good condition
Tractor (BR01GD5837)	2014	6,65,000.00	2471 Hr	Good condition
Tractor, 65 HP (CRA)	2021	941953.60	124.4 Hr	Good condition
Tractor 55 HP	2021		66.4 Hr	Good condition
Jeep Bolero	2009	5,06,494.00	170112 Km	Requires condemnation

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
PH meter	30.12.2013	15000.00	Working	ICAR
Atomic Absorption Spectrophotometer	31.03.2013	1060000.00	Working	ICAR
Flame photometer			Working	ICAR
Mrida Parikshak			Working	ICAR
STFR meter			Working	ICAR
b. Farm Machinery				
c. AV Aids (i) Podium				
	2013-14	31290.00	Working	ICAR
(ii) Audio aid				
	2013-14	17128.00	Working	ICAR
Photostat Copier machine with accessories				
	31.03.2016	96,173.00	New	
Desktop Computer + Laptop HP				
	31.03.2016	82,583.00	New	ICAR
CCTV				
	31.03.2016	21,000.00	New	ICAR
LED flood light with stand				
	31.03.2016	6,500.00	New	ICAR
Sound System				
	31.03.2016	30,165.00	New	ICAR
Handycam				
	31.03.2016	82,871.00	New	ICAR
Camera				
	17.01.2016	14,199.00	New	ICAR
LED TV				
	16.03.2016	72,700.00	New	ICAR
LED TV				
	12.09.2016	27200.00	New	ICAR
Generator DG set				
	31.08.2016	3,94,134.00	New	ICAR
Projector				
	31.03.2016	52,000.00	New	ICAR
Water Cooler + Water purifier				
	12.09.2016	59,500.00	New	ICAR
Panasonic LED				
	12.09.2016	27,200.00	New	ICAR

Vaccum cleaner	12.09.2016	9,950.000	New	ICAR
Still Photography Camera (Canon)	12.09.2016	29,600.00	New	ICAR
External Hard Drive	12.09.2016	5600.00	New	ICAR
Fire extinguisher Cylinder	12.09.2016	9,649.00	New	ICAR
Autoclave	14.12.2012	57,000.00	Working	ICAR
Hot air oven	14.12.2012	64,500.00	Working	ICAR
BOD Incubator	22.12.2012	1,49,510.00	Working	ICAR
Laminar air flow	02.12.2012	97,670.00	Working	ICAR
Auto clave	February 2018	80000.00	New	BSDM
Computer (Lenovo)	25.01.2018	49950.00	New	CSISA Project
HP Color Printer	25.01.2018	14700.00	New	CSISA Project
Hard Disk	25.01.2018	14990.00	New	CSISA Project
Computer (HP)	30.03.2019	77499.00	New	BSDM
Computer (Lenevo)	24.12.2021	91700.00	New	IRRI

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Tractor	05.05.2014	6,65,000.00	Working	ICAR
Trailer	14.04.1998	5,446.00	Not Satisfactory	ICAR
Nine tyne Cultivator	14.04.1998	3,961.00	Satisfactory	ICAR
Cage Wheel	14.04.1998	1,485.00	Satisfactory	ICAR
Mould Board plough	14.04.1998	7,920.00	Satisfactory	ICAR
Cultivator 11 tyne (Spring Loaded) 01	21.02.2012	-	Working	RKVY
Disk Harrow 12 disk (Mounted)	21.02.2012	-	Working	RKVY
Multicrop Thresher	21.02.2012	-	Working	RKVY
Seed processing plant	31.12.2011	9,81,760.00	Working	ICAR
Gator rocker hand sprayer	08.12.2012	4,300.00	Working	NHM
Knapsack Hand sprayer	08.12.2012	1,800.00	Working	NHM
Mould Board plough(Two bottom)			Working	NHM
Happy Seeder(2Nos)			Working	NHM
Paddy Threshor	06.07.2021	156000.00	New	CRA
Rice Wheat Seeder	06.07.2021	20000.00	New	CRA
National Multi Crop Planter	09.04.2021	88019.00	New	CRA
Trolley	08.06.2021	151864.41	New	CRA
Laser Land Leveller	30.04.2021	272321.04	New	CRA
Raised Bed Planter	30.04.2021	88392.86	New	CRA
Self propelled vertical convey reeper	23.06.2021	124803.00	New	CRA
Self propelled Weeder	23.06.2021	50410.00	New	CRA
Happy Seeder	30.04.2021	129464.00	New	CRA
Tractore (65 HP)	30.04.2021	941953.60	New	CRA
Combine (Class)	27.10.2021	2759532.00	New	CRA
Straw Baler	13.11.2021	1238980.00	New	CRA
Tractore Mounted Sprayer	21.09.2021	193520.00	New	CRA
National Zertill seed cum fertilizer	13.12.2021	141000.00	New	CRA
High Speed Hay Rack (Shaktiman)	14.12.2021	379724.00	New	CRA

1.8. Details SAC meeting* conducted in the year, 2022

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	24.08.2022	41	मृदा जाँच प्रत्येक वर्ष सभी प्लाट का करना है।	मृदा जाँच सभी प्लाट किया जा रहा है।	
2.			वित्तीय वर्ष 2023-24 में समूह अग्रिम पंक्ति प्रत्यक्षण में खेसारी के प्रत्यक्षण हेतु निदेशक, कृषि प्रौद्योगिकी अनुप्रयोग संस्थान, पटना को लक्ष्य दिया जाना है।	जाँचोंपरांत निदेशक, कृषि प्रौद्योगिकी अनुप्रयोग संस्थान, पटना को लक्ष्य निर्धारण हेतु भेजा जाएगा।	
3.			केन्द्र पर आम एवं अमरुद के पौधों की संख्या को बढ़ाना है।	केन्द्र पर आम एवं अमरुद के पौधों की संख्या को अगले वर्ष बढ़ाने हेतु आम का गुठली इक्कठा किया जा रहा है।	
4.			सबौर समृद्धि और सबौर निर्जल की उत्पादकता कम है तो इसका परीक्षण ऑन फार्म ट्रायल के माध्यम से करना सुनिश्चित किया जाय।	सबौर निर्जल की उत्पादकता को बढ़ाने के लिए प्रत्यक्षण जलवायु अनुकूल कृषि कार्यक्रम के अन्तर्गत चयनित गाँवों में किया गया है।	
5.			प्याज के उन्नत बीज पर ट्रायल करना है। एक जिला एक उत्पाद पर विशेष बल दिया जाना है।	एक जिला एक उत्पाद अन्तर्गत प्याज के बीज का परिक्षण केन्द्र के प्रक्षेत्र एवं किसानों के खेत पर किया गया।	
6.			श्री अखिलेश कुमार, कार्यक्रम सहायक (संगणक) सामुदायिक रेडियो स्टेशन के सरल पोर्टल से संबंधित सभी कार्य को 03 माह के अंदर करना सुनिश्चित करेंगे।	सामुदायिक रेडियो स्टेशन के सरल पोर्टल से संबंधित को किया जा रहा है।	
7.			प्याज का उत्पादन कम होने के कारण की विस्तृत चर्चा क्षेत्रीय अनुसंधान एवं प्रसार सलाहकार समिति (जेड•आर•ई•ए•सी•) की बैठक में होना है। क्षेत्रीय अनुसंधान एवं प्रसार सलाहकार समिति (जेड•आर•ई•ए•सी•) की बैठक में चर्चा उपरांत अनुसंधान परिषद की बैठक (आर•सी•एम•) में इस विषय पर अनुसंधान करने की आवश्यकता है।	प्याज का उत्पादन कम होने के कारण की विस्तृत चर्चा क्षेत्रीय अनुसंधान एवं प्रसार सलाहकार समिति (जेड•आर•ई•ए•सी•) की बैठक इसकी चर्चा की गई।	
8.			वैज्ञानिक सलाहकार समिति की बैठक से पूर्व प्रतिवेदन बनाने में यह विशेष ध्यान रखना है कि प्रशिक्षण की संख्या, प्रशिक्षण की अवधि साथ ही	प्रभेद एवं प्रशिक्षण शिर्षक का उल्लेख किया जा रहा है।	

		साथ किस विषय पर प्रशिक्षण दी गई तथा समूह अग्रिम पंक्ति प्रत्यक्षण में किस प्रभेद का किया जा रहा है उसका उल्लेख भी करना सुनिश्चित किया जाय।		
9.		केन्द्र में जीविकोपार्जन एवं पोषण से संबंधित प्रशिक्षण को बढ़ाना है। इस संदर्भ में जीविका कार्यालय एवं समेकित बाल विकास सेवाएँ कार्यालय से संपर्क स्थापित कर प्रशिक्षण कराना है।	केन्द्र में जीविकोपार्जन एवं पोषण से संबंधित प्रशिक्षण को बढ़ाने के लिए लगातार संपर्क किया जा रहा है।	
10.		नैपियर चारा के महत्व को अग्रिम पंक्ति प्रत्यक्षण के माध्यम से बताना है।	नैपियर चारा के महत्व को अग्रिम पंक्ति प्रत्यक्षण नौबतपुर, बिहटा एवं मोकामा में किया गया है।	
11.		वरीय वैज्ञानिक एवं प्रधान, को निदेश दिया जाता है कि केन्द्र में प्रत्येक माह कम से कम एक बैठक का आयोजन किया जाय जिसमें विषय वस्तु विशेषज्ञ एवं कर्मचारी द्वारा क्या-क्या कार्य आंबटित था और क्या किया गया तथा आगामी कार्ययोजना पर विस्तृत चर्चा कर कार्य आंबटित किया जाय। उक्त बैठक की प्रति नियंत्री पदाधिकारी को देना सुनिश्चित किया जाय तथा नियंत्री पदाधिकारी प्रत्येक तीन माह में उक्त बैठक की समीक्षा कर आगामी कार्ययोजना बनायगे। बैठक संभवतः माह के अंत में करना सुनिश्चित किया जाय।	प्रत्येक माह के 25 तारीख को किया जा रहा है एवं बैठक की कार्रवाही प्रसार शिक्षा निदेशालय के साथ नियंत्री पदाधिकारी को दिया जाता है।	
12.		श्री रविशंकर कुमार, प्रगतिशील किसान, मनेर एवं श्री अजीत कुमार, प्रगतिशील किसान, नौबतपुर द्वारा खरपतवार की समस्या, उत्तम किस्म के उद्यान का बीज की उपलब्धता तथा उक्त के संदर्भ में समुचित प्रशिक्षण की व्यवस्था हेतु आग्रह किया गया।	किसानों को खरपतवार के समस्या पर समय-समय पर प्रशिक्षण दिया जा रहा है एवं उद्यान के बीजों की उपलब्धता सुनिश्चित किया जा रहा है।	
13.		प्रशिक्षण लेने वाले प्रशिक्षु किसानों की सूची ऑफ लाईन एवं ऑन गूगल ड्राइव के माध्यम से माँगना है।	बिहार कौशल विकास मिशन अन्तर्गत मशरूम का प्रशिक्षण हेतु ऑफ लाईन एवं ऑन आवेदन प्राप्त कर मशरूम एवं मधुमक्खी पालन विषय पर प्रशिक्षण प्रारंभ किया गया।	
14.		तीन माह का प्रशिक्षण कैलेण्डर बनाकर सभी कृषि विज्ञान केन्द्रों में	तीन माह का प्रशिक्षण कैलेण्डर तैयार किया गया है।	

			आदान-प्रदान कर संबंधित विषय पर प्रशिक्षण हेतु वैज्ञानिकों को संसाधन व्यक्ति के रूप में किया जा सकता है।		
15.			श्री अभिषेक कुमार, जीविका कार्यालय द्वारा सदन को अवगत कराया कि जीविका एवं कृषि विज्ञान केन्द्र बाढ़, पटना के संयुक्त रूप से किसान चौपाल का आयोजन कराया जाय।	जीविका दीदीयों को समय-समय पर प्रशिक्षण दिया जा रहा है।	
16.			डा॰ अमरेन्द्र कुमार, प्रधान वैज्ञानिक, अटारी, पटना में सदन को अवगत कराया कि: a. अगामी कार्य योजना को मूर्त रूप दिया जाना। b. बीज की उपलब्धता हेतु संबंधित संस्था का नाम एवं पता किसानों को उपलब्ध कराया जाये। c. बीज उत्पादन कार्य का विवरण एवं अगामी बीज उत्पादन कार्य विवरणी का उल्लेख किया जाय। d. केन्द्र में कॉप कौफिटोरिया लगाया जाय। ऑन फार्म ट्रायल का एक ईकाई केन्द्र में भी लगाया जाय।	प्रधान वैज्ञानिक अटारी के निर्देशानुसार सभी कार्य को किया जा रहा है।	
17.			डा॰ अमरेन्द्र कुमार, प्रधान वैज्ञानिक, अटारी, पटना ने डा॰ मृणाल वर्मा, विषय वस्तु विशेषज्ञ (कृषि अभियंत्रण) को जीरो एनर्जी कूल चैम्बर (कम लागत) की संरचना का निर्देश दिया, जिसे सदन के माननीय सदस्यों द्वारा पारित किया गया।	इसा दिशा में कार्य किया जा रहा है।	

* *Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

2. (A). District level data on agriculture, livestock and farming situation (2022)

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

S. No.	Farming system/enterprise
1	Rice -wheat
2	Rice- wheat –Moong
3	Maize-oilseed-vegetable
4	Rice-Maize-Moong
5	Rice-Potato-Wheat
6	Rice-Potato-Onion

7	Rice-Potato-wheat –maize
8	Rice-Wheat-Mentha
9	Vegetable-oilseed-Moong
10	Vegetable-lentil-Maize
11	Vegetable –gram-Moong
12	Gram- and Lentil in Tal

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

S. No	Agro-climatic Zone	Characteristics
1	ACZ-IIIB	Old alluvial sandy loam to clay, large tal and diara areas. Most of rainfall is received in month of July to September bringing with it the problem of recurrent flood. The highest gross irrigated area as percentage of gross cropped area lies in zone III with 76.35% under assured means of irrigation. Despite high gross irrigated area at 76.35% in Zone III, it is low in cropping intensity at only 135.11 % water stagnation for long period during kharif season hampers crop cultivation during Kharif.

Source: Strategic research and extension plan of Patna district- Prepared by ATMA, Patna & National institute of Agricultural Extension Management Rajendra Nagar Hyderabad.

2.3 Agro ecological situation

S. No	Agro ecological situation	Area (ha)	Characteristics
1	Tal	38885.00	Water logging more than 3 months & heavy textured soil
2	Diara	45599.80	Undulated light texture soil
3	Jalla	3508.00	Peculiar situation, water stagnation more than 2 months medium heavy soil, clay loam to clay in texture
4	Irrigated plain	67637.24	Well irrigated plain land & medium to heavy soil irrigated some canal with most fertile land tract of the district
5	Rainfed plain	83403.85	Un irrigated plain land & medium to heavy soil

2.4 Soil types

S. No	Soil type	Characteristics	Area in ha
1	Clay to clay loam	Heavy soils Rap cracking in summer good water holding capacity and fertility status.	38855
2	Sandy loam, light texture soil	Undulated, high sand percentage low water holding capacity medium fertility status	45599
3	Medium to heavy soil	Peculiar situation, water stagnation more than 2 months medium heavy soil, good water holding capacity medium fertility status	51262

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

S. No	Crop	Area (ha)	Production (q)	Productivity (kg/ha)
1.	Wheat	95170.0	266190.5	2797.00
2.	Maize	8035.0	35434.0	4410.0
3	Potato	10185	238329.0	23400.0
4	Gram	28000.0	38428.0	1480.0
5	Lentil	46135.0	59514.0	1290.0
6	Pea	2636.0	3110.0	1180.0

7	Lethyrus	10000.0	10200.0	1020.0
8	Lentil	3820.0	2444.0	640.0
9	Barley	7170.00	5664.0	1933.0
10	Mustard/ Rai	7170.0	5664.0	790.0
11	Sunflower	70.0	78.0	1110.0
12	Linseed	3820.0	2444.0	640.0
13	Paddy	135000.0	4064.9	3171.0
14	Maize	10060	29599.5	2856.0
15	Arhar	2977.0	4555.0	1530.0
16	Moong	500.00	366.0	720.0
17	Urd	479.0	326.0	680.0
18	Til	100.00	24.0	450.0
19	Sunflower	24.0	52.0	1120.0
20	Ground Nut	20.0	23.0	1140.0
21	Castor	292.0	298.0	650.0

2.6. Weather data (2022)

Month	Rainfall (mm)	Temperature °C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
January, 2022	4.00	19.61	10.13	75.65	44.84
February, 2022	9.60	24.15	11.19	77.50	45.00
March, 2022		34.56	18.97	40.69	20.04
April, 2022		39.68	23.21	51.61	14.11
May, 2022	3.80	38.14	25.59	63.28	21.21
June, 2022	7.88	37.43	26.33	67.00	28.33
July, 2022	8.13	35.71	26.61	66.45	40.65
August, 2022	9.37	34.52	26.61	75.97	46.10
September, 2022	11.37	33.09	25.31	85.68	56.64
October, 2022	17.33	32.03	22.35	81.23	58.71
November, 2022		28.67	15.10	71.83	42.17
December, 2022		24.97	11.06	49.03	23.55

1) Rain water harvesting

No. of Training programmes	No. of Demonstrations	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)
02	01	0	39	0

2. (B) Details of operational area / villages (2022)

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	Bikram	Bikram	Baghakol	Paddy, Maize, Lentil, Gram, Lathyrus, coriander, Nigella and dairy	Use of local variety, use of higher seed rate, imbalance fertilizer use and maximum use of insecticide & pesticide, no use of biofertilizer, Lack of irrigation facilities	Seed Production of Rice and Wheat
2	Belchi	Belchi	Murtuzapur	Rice, wheat, Maize, Pulse, vegetable, Oil seed and dairy	Use of local variety, Imbalance use of fertilizer, use of higher seed rate and	IPM, INM, Improved seed, Use of

					maximum use of pesticide	biofertilizer and rearing improved crossbreds
3	Belchi	Belchi	Mogiani	Rice , wheat	Residue burning	Use of Happy Seeder, ZTD
4	Naubatpur	Naubatpur	Narayanpur	Vegetables, Cereals and Pulses	Higher dose of Insecticides and pesticides	Organic Farming
5	Bihta	Bihta	Bishunpura Kanchanpur Painal Mahamdpur Bajidpur	Cereal and pulses	Traditional farming	Use of machineries under CRA Program

2.1 Priority thrust areas

S. No	Thrust area
1.	Use of bio fertilizer and organic manure.
2.	Integrated Nutrient Management
3.	Integrated Pest Management.
4.	Medicinal & aromatic plants for high income return.
5.	Bee keeping and Mushroom production.
6.	Seed production of cereals oilseed, Pulses Vegetables and Spices.
7.	Ensuring availability of mushroom spawn round the year
8.	Farm Mechanization

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievement of mandatory activities by KVK during 2022

OFT				FLD			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
07	07	100	120	10	12	500	470

Training				Extension activities			
Number of Courses		Number of Participants		Number of activities		Number of participants	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
120	123	6000	6587	45	49	1200	1370

Seed production (ha)				Planting material (Nos.)			
Target		Achievement		Target		Achievement	
15.0		16.2		10000		13000	

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							
Seminar/conference/ symposia papers	2						

Books	02	3684					
Bulletins							
News letter	1000	1000					
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature	03	14700					
Technical reports	4						
Electronic Publication (CD/DVD etc)							
TOTAL							

3.1 Achievements on technologies assessed and refined

OFT: 01 (Home Science)

1	Title	Assessment of Preparation method of Carrot Jam for enhancement of Shelf Life, Nutrition and Income Generation.
2	Problem diagnosed	No proper use of carrot for preservation and income generation
3	Technological option	Farmers Practice- Local people consume fresh carrot as vegetable and juice. Technological Option I:- Preparation of carrot jam Technological Option II:- Preparation of carrot jam with essence
4	Source of Technology	DrPCAU, Pusa
5	Replication	10
6	Production system and thematic area:	Value Addition
7	Performance of the technology with performance indicators	TSS, Acidity, Sensory Evaluation (Taste, Clour, Flavour, Texture and Overall acceptability) and Shelf Life at ambient condition
8	Constraints identified	Poor shelf life of carrot product
9	Process of Farmer Participation	Result Awated

OFT: 2 (Agricultural Engineering)

1	Title of On Farm Trial	Assessment of low-cost Mulching in Vegetable Crop Production
2	Thematic Area	Post-Harvest Management
3	Details of Technologies selected for Assessment	Farmers Practice- No mulch Tech Option I- Banana leaf mulch Technology Option II- Crop Residue mulch
4	Source of Technology	-
5	Performance Indicator	Soil Moisture Content % no of weeds/m ² , BC ratio
6	Replication	07
7	Production system and thematic area	
8	Constraints identified	
9	Process of Farmer Participation	Result Awated

OFT: 3 (Agricultural Engineering)

1	Title of On Farm Trial	Assessment of Happy seeder for wheat sowing under crop residue management
2	Thematic Area	
3	Details of Technologies selected for Assessment	Farmers Practice- Broadcasting (in tilled condition) Tech Option I- Sowing of wheat by Happy Seeder incorporating the crop residue Technology Option II- Removal of crop residue and sowing by Zero Till drill
4	Source of Technology	PAU, Ludhiana, BISA
5	Performance Indicator	No of irrigation, Plant height, yield q/ha & BC ratio
6	Replication	07
7	Production system and thematic area	Paddy- Wheat
8	Constraints identified	High cost of weeding and water utilization.
9	Process of Farmer Participation	Result Awaited

OFT: 4 (Extension Education)

1	Title	Assessing the Awareness level of Soil Health Card (SHC) in Paddy Cultivation
2	Problem diagnosed	Farmers awareness about benefits of Soil Health Card
3	Details of Technology	Farmers Practice – Farmers having no SHC and not applying recommended dose of fertilizers. Tech Option I - Recommendation of fertilizer application through training/ group meeting. Tech Option II - Farmers having Soil Health Card and follow the Recommendation.
4	Source of technology	BAU, Sabour, Bhagalpur
5	No. of Farmers	36
6	Production system and Thematic Area	Capacity Building
7	Constraints identified and Feedback of research	
8	Performance of Technology Performance Indicator	i. Level of Awareness (%), ii. Yield (qt./ha) iii. BC Ratio
9	Process of Farmers Participation & their reaction	Result Awaited

OFT: 5 (Extension Education)

1	Title	Effectiveness of Community Radio Programme on Awareness (knowledge) related to Nutritional and health wellbeing of Radio Listener
2	Problem diagnosed	Poor awareness related to Nutrition and health being among Radio

		Listener
3	Details of Technology	Tech Option I - Nutrition and health Awareness of Farmers not connected with C.R. Tech Option II - Nutrition and health Awareness of Farmers connected with C.R. Tech Option III - Nutrition and health Awareness of Farmers through SD Card
4	Source of technology	C.R. Compendium
5	No. of Farmers	36 Radio listener & Non Listener
6	Production system and Thematic Area	Capacity Building
7	Performance of Technology with performance indicator	i. Awareness level towards Nutrition, ii. Awareness level in health wellbeing, iii. Consumption pattern in food habit.
8	Final Recommendation for Micro level Situation	
9	Process of Farmers Participation and their reaction	Result Awated

OFT: 06 (Soil Science)

1	Title	Integration of fertilizer in different form on yield of lentil.
2	Problem diagnosed	Injudicious use of chemical fertilizer
3	Technological option	Farmers Practice: Seed Treatment + RDF TO I- 50% of RDF + WS 18:18:18 @5 gm./ltr water (Single spray at pre flowering stage) TO II- Seed treatment with PSB + Rhizobium, 50% of RDF + WS 18:18:18 @5 gm. /ltr water (Single spray at pre flowering stage) (RDF, concerned SAU/ICAR recommendation) Observation to be recorded: Plot size (10x10 m ²)/ in each tech option line sowing, soil data before and after (Ph, EC, OC, NPK,), Grain Yield, No. of Plant/m, 1000 grain wt., No of pod /plant, strover yield and Economics
4	Source of Technology	OFT Workshop
5	Replication	06
6	Production system and thematic area:	Pulse- fallow
7	Performance of the technology with performance indicators	17.2q/ha gran was harvest in TO-II wich was at par with TO-I
8	Constraints identified	With problem & weed problem.
9	Process of Farmer Participation	Actively participated in the program.
		Result Awated

OFT: 07 (Soil Science)

1	Title	Evaluation of phosphate management through different sources for enhancing productivity of Arhar in Patna district.
2	Problem diagnosed	Poor nutrient management Practices leads to low yield and profitability
3	Technological option	Farmers Practice- No fertilizer application in Arhar crop. Technological Option I:- RDF i.e use of N @ 20 kg/ha,P ₂ O ₅ @ 40 kg/ ha (basal)and K ₂ O @ 20 kg/ ha (basal)(Through DAP and MOP) Technological Option II:-Seed treatment with Rhizobium and PSB, 40 KgP ₂ O ₅ /haP ₂ O ₅ through SSP and 20 Kg K ₂ O/ha through MOP. (In all technological option seed treatment will be done as per standard Practice, Pheromone trap will be used @10 trap/ha)
4	Source of Technology	BAU, Sabour
5	Replication	07
6	Production system and thematic area:	Maize/Arhar - Green gram
7	Performance of the technology with performance indicators	No. of Branch / Plant, No. of Pod / Branch, No. of seed / pod, yield (q/ha), B:C ratio
8	Constraints identified	
9	Process of Farmer Participation	ON Going

1) Technology Assessed by KVK

Sl. No.	Discipline	Thematic areas	No. of the technologies (Technology Interventions)	No. of trials	No. of Locations
1.	Crop Production	INM	01	01	06
2.	Livestock				
3.	Enterprises	Capacity Building	02	02	05
4.	Women Empowerment				
5.	Others	Use of Plastics in Agriculture	02	10	02

Technical Feedback on the demonstrated technologies

S. No	Crop	Feed Back
1	Sabour Ardhjal	Improved variety Sabour Ardhjal found suitable in farmers fields and farmers are ready to adopt this cultivar due to higher yield and less susceptible to disease & pest.

Extension and Training activities under FLD

SL.No.	Activity	No. of activities organized	Number of participants	Remarks
1.	Field days	04	205	Demonstration of improved variety
2.	Farmers Training	03	62	Scientific cultivation of Kharif and Rabi crop, Control of cuscutta
3.	Media coverage	02	Mass	-
4.	Training for extension functionaries	03	64	Fertilizer and weed management

Performance of the demonstration under CFLD on Oilseed Crops during 2021-22:

Season	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
Rabi(Oilseed)	Mustard		Improved variety, sulphur@10 Kg/ha, Insect pest management	75	30	16.55	14.12	17.48	30501.22	107570.7	77069.45	2.53	30184.68	91806.00	61621.32	2.04

Performance of the demonstration under CFLD on Pulse Crops during Rabi 2021-22:

Season	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
Kharif (Pulse)	Pigeon pea	INM & IPM	Improved cultivars, seed treatment, bio fertilizer application, pest management	26	10	14.29	12.53	14.33	28334.62	78607.69	50273.08	1.77	30076.92	68902.31	38825.38	1.29
Rabi (Pulse)	Moong	Integrated crop management	Improved cultivars, seed treatment, Sulphur application, weed management	27	10	8.57	6.5	31.1	14451.85	55274.07	40822.22	2.83	15362.96	42322.22	26959.26	1.76
Rabi (Pulse)	Field pea	Integrated crop management	Variety, seed treatment, Biofertilizer application, pest management	27	10	15.97	13.56	18.28	28466.67	60673.33	32206.67	1.13	28392.59	51511.11	23118.52	0.81
Rabi (Pulse)	Chickpea	Integrated crop management	Improved cultivars, seed treatment, IPM	25	10	16.8	13.236	28.21	32612.5	83960	50972	1.55	35252	66180	30928	0.88
Rabi (Pulse)	Lentil	Integrated crop management	Improved cultivars, seed treatment, bio fertilizer application, pest management	25	10	13.23	11.14	19.08	30560.80	79368.00	79368.00	2.60	30123.20	66840.00	36716.80	1.22

Performance of the demonstration under CFLD on Oilseed & Pulse Crops during 2022-23

S.No.	Crop	Variety	Sesion	Village & Block	Area (ha)	No. of Demonstration	Remarks
1	Arhar	LRG-41	Kharif	Barh, Pandark, Bakhtiyarpur	20	50	Flowering stage
2	Mustard	RH-725	Rabi	Pandarak, Belchi, Ghoswari & Athmalgola	50	168	Flowering stage
3	Lentil	IPL-316	Rabi	Mokama & Barh	20	50	Flowering stage
4	Chickpea	PG-186	Rabi	Mokama & Pandarak	20	50	Flowering stage
5	Field Pea	IPFD-10-12	Rabi	Ghoswari, Barh & Fatuha	20	50	Flowering stage

Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	2	36	6	42	14	0	14	0	0	0	50	6	56
Others if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4	56	14	70	22	0	22	0	0	0	78	14	92

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	2	15	17	0	7	7	0	0	0	2	22	24	
Group Dynamics and farmers organization	1	22	4	26	3	0	3	0	0	0	25	4	29	

Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	2	36	6	42	14	0	14	0	0	0	50	6	56
Others if any (ICT application in agriculture)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4	56	14	70	22	0	22	0	0	0	78	14	92

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0

Formation and Management of SHGs	1	2	15	17	0	7	7	0	0	0	2	22	24
Group Dynamics and farmers organization	1	22	4	26	3	0	3	0	0	0	25	4	29
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	24	19	43	3	7	10	0	0	0	27	26	53

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

F. Online Meeting /Training 2022

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			
Soil Health and Fertility Management													
Production and use of organic inputs	1	13	0	13	0	0	0	0	0	0	13	0	13
Agril. Engineering													
Repair and maintenance of farm machinery and implements	1	14	2	16	2	0	2	0	0	0	16	2	18
Capacity Building and Group Dynamics													
Group dynamics	1	31	7	38	0	0	0	0	0	0	31	7	38
Formation and Management of SHGs	2	49	8	57	0	0	0	0	0	0	49	8	57
Others, if any	5	157	10	167	6	0	6	0	0	0	163	10	173
TOTAL	10	264	27	291	8	0	8	0	0	0	272	27	299

G. Poshan Maah, 2022

KVK	Date	No. of Angwandi Workers	No. of Farm Women & Jeevika Didi	Others	Total Participants
KVK, Barh	17.09.2022	0	34	0	34
Total		0	34	0	34

I. Special Programme 2022

S.No	Name of Programme	Date of Programme	Place of Programme	No. of Participant	Visit of VIPs.
1	International Women day	08.03.2022	KVK, Patna	253	Sri, Vijay Shankar, Jila Parishad, Member, Barh
2	Bihar Diwas	22.03.2022	Gandhi Maidan Patna	1141	
3	Kisan Mela, 2022	29-30.03.2022	KVK, Patna	1028	Dr. Anjani Kumar, Director ATARI, Patna
4	PM/AM Live telecast	24.04.2022	KVK, Patna	70	-
5	Kisan Mela Organised by ATMA, Patna	26.04.2022	KVK, Patna	318	-
6	ICAR foundation day cum Kisan Gosthi	16.07.2022	KVK, Patna	60	-
7	Animal health camp cum kisan Gosthi	21.07.2022	KVK, Patna	62	-
8	SAC Meeting	26.08.2022	KVK, Barh	42	-
	Swachhta Hi Sewa Hai	01.10.2022	KVK, Barh	35	-
9	Mahila Kisan Diwas	15.10.2022	KVK, Barh	84	-
10	PM Kisan Samman Sammela	17.10.2022	KVK, Barh	233	-
11	Jal Shakati Abhiyan cum Crop Residue Management Awareness Programme	19.11.2022	Kanchanpur, Bihta	63	-
12	TB Challenges	03.12.2022	KVK, Barh	37	-
13	World Soil Day	05.12.2022	KVK, Barh	71	Sri, Vijay Shankar, Jila Parishad, Member, Barh
14	Kisan Diwas	23.12.2022	KVK, Barh	59	-

J. Climate Resilient Agriculture Programme

1. Name of the KVK: PATNA (BARH)

2. Involved Scientists:

S. No.	Name	Discipline/Subject
1.	Dr. Kumari Sharda	Senior Scientist & Head (PI)
2.	Dr. Mrinal Verma	SMS Agril.Engg. (Co-PI)
3.	Sri Rajeev Kumar	SMS Soil Science (Co-PI)

3. Name of Project Staff: NIL

4. Adopted villages:

S. No.	Name of CRA Village	GPS Coordinate
1.	Painal	Lat- 25.585338 Lon- 84.927876
2.	Bishnupura	Lat- 25.570891 Lon- 84.903711
3.	Mahmadpur	Lat- 25.583635 Lon- 84.940309
4.	Bazitpur	Lat- 25.574127 Lon- 84.913477
5.	Kanchanpur	Lat- 25.529203 Lon- 84.873617

5. Demonstrations targets and achievements¹

Seasons	Physical Targets	Target Achieved	No of beneficiaries	Achievement (%)
Rabi 2019-20	150	-	-	-
Summer 2020	50	-	-	-
Kharif 2020	300	-	-	-
Rabi 2020-21	623	623	650	100
Summer 2020-21	350	250	250	71.43
Kharif 2021-22	595	595	595	100
Rabi 2021-22	623	623	649	100
Summer 2021-22	350	340	350	97.14
Kharif 2022	595	595	595	100
Rabi 2022-23	623	623	650	100

¹ Note: In Rabi 2019-20, Summer 2020 and Kharif 2020 Climate Resilient Agriculture Program was implemented in Bhagalpur, Banka, Nawada, Madhubani, Khagaria, and Gaya.

6. Adopted Cropping Systems

S. No.	Name of Cropping System	Demonstrated Varieties		
		Kharif	Rabi	Summer
1.	Paddy-Wheat- Moong	Swarna Sub-1	HD-2967	IPM-2-3
2.	Paddy-Lentil- Moong	R. Sweta	HUL-57	IPM-2-3
3.	Paddy-Chickpea- Moong	S. Ardhjal	PG-186	IPM-2-3
4.	Paddy-Mustard- Moong	Swarna Sub-1	RGN-48	IPM-2-3
5.	Paddy-Lathyrus- Moong	R. Sweta	Ratan	IPM-2-3
6.	Paddy-Maize- Moong	R. Sweta	Acharya	IPM-2-3

7. Productivity of best three cropping system²

S. No.	Name of Cropping System	Productivity (q/ha)		
		Kharif	Rabi	Summer
1.	Paddy-Maize- Moong	41.78	79.19	10.20
2.	Paddy-Wheat- Moong	40.44	45.62	9.68
3.	Paddy-Chickpea- Moong	40.76	15.75	11.43

8. Profitability of best three cropping system³

S. No.	Name of Cropping System	Profitability (INR/ha)		
		Kharif	Rabi	Summer
1.	Paddy-Maize- Moong	24992.0	114167.0	25000.0
2.	Paddy-Wheat- Moong	22756.0	64068.0	22400
3.	Paddy-Chickpea- Moong	23064.0	61169.0	31000

² Note: Only mentioned best three cropping system

³ Note: Only mentioned best three cropping system.

9. Crop diversification excluding rice and wheat

S. No.	Name of Optional crops
1.	Lathayrus
2.	Soyabean
3.	Lentil, Chickpea

10. Crop residue management

S. No.	Items	No./Quantity (2021-22)	No./Quantity (2022-23)
1	Bale preparation	32 T	14 T
2	Mushroom	1150	-
3	Bio Char	1200 kg	1600 kg

11. Capacity building

S. No.	Details of the Program	Number of events	Male	Female	Total number of Beneficiaries
1.	Physically (Offline)	31	924	165	1089
2.	Virtual mode	04	97	15	112
Total		35	1021	180	1201

12. Available machineries⁴

S. No.	Name of machinery	Quantities (Nos)
1.	Happy Seeder	02
2.	Zero Till Drill	02
3.	Raised Bed Planter	01
4.	S/P Weeder	01
5.	S/P Reaper	01
6.	Combine Harvester	01
7.	Drum Seeder	02
8.	Tractor	01
9.	Trailer	01
10.	T/D Sprayer	01
11.	Baler	01
12.	Hay Rake	01
13.	Paddy Thresher	01
14.	Multi crop Planter	01

⁴ Note: Please mentioned only CRA Program machineries

13. Best five original photographs⁵**Long-Term Cropping System Experiments**GPS Coordinate of the Experiment: **Latitude- 25.453778, Longitude- 85.719298**

S. No.	Name of Cropping System	Demonstrated Varieties		
		Kharif	Rabi	Summer
7.	Paddy- Potato- Cowpea	R. Sweta	K. Pukhraj	CP-6
8.	Paddy- Lentil- Green Gram	S. Sampann	HUL-57	IPM-2-3
9.	Paddy- Potato- Onion	S.Sampann	K. Pukhraj	NHRDF- Red-4
10.	Maize- Wheat- Green Gram	Aacharya	DBW-187	IPM-2-3
11.	Paddy- Mustard- Cheena	S. Sampann	RH-725	Local
12.	Ragi- Chickpea- Black Gram	A-404	PG-186	-
13.	Paddy- Lathayrus- Green gram	S. Sampann	Ratan	IPM-2-3
14.	Paddy- Pea- Sesamom	S. Sampann		
15.	Paddy- Wheat- Dhanincha	S. Sampann	DBW-187	Local
16.	Paddy- Wheat- Moong	S. Sampann	DBW-187	IPM-2-3

I. Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth 2022

Crop / Enterprise	Identified Thrust Area	Training title*	No. Course	Duration (days)	No. of Participants		
					Male	Female	Total
मधुमक्खी पालन	उद्यमिता विकास	मधुमक्खीपालन एवं लाभकारी व्यवसाय	01	30	23	07	30
मशरूम	उद्यमिता विकास	मशरूम की जैविक वैज्ञानिक विधि द्वारा खेती।	01	30	23	03	26
पशुपालन	उद्यमिता विकास	पशुपालन: एक लाभकारी व्यवसाय	01	05	22	03	25
बकरी पालन	उद्यमिता विकास	बकरी पालन: एक लाभकारी व्यवसाय	01	05	18	04	21

Sponsored Training Programmes 2022

Training title should specify the major technology /skill transferred

Month	AR Clientele	AR Subject	AR Thematic Area	Duration in days	Venue	Village	Others			SC			ST			Grand Total			Sponsored by
							M	F	T	M	F	T	M	F	T	M	F	T	
Mar-22	PF	Soil Science	Integrated Nutrient Management	2	ON	KVK, Barh, Patna	47	8	55	8	2	10	0	0	0	55	10	65	ATMA, Patna
May-22	EF	Agril Engg	Production of small tools and implements	1	OFF	BAMETI, Patna	168	24	192	0	0	0	0	0	0	168	24	192	ATMA, Patna
May-22	PF	Agril Engg	Production of small tools and implements	1	OFF	Patna Sadar, Block	69	3	72	0	0	0	0	0	0	69	3	72	ATMA, Patna
May-22	PF	Soil Science	Micro nutrient deficiency in crops	1	OFF	Bakhtiyarpur Block	117	5	122	10	3	13	0	0	0	127	8	135	ATMA, Patna
May-22	PF	Soil Science	Micro nutrient deficiency in crops	1	OFF	Mokama, Block	36	0	36	8	1	9	0	0	0	44	1	45	ATMA, Patna
May-22	PF	Ext.Edu.	Others, if any	1	OFF	Khushrupur Block	162	23	185	17	17	34	0	0	0	179	40	219	ATMA, Patna
May-22	PF	Ext.Edu.	Others, if any	1	OFF	Barh, Block	149	20	169	11	5	16	0	0	0	160	25	185	ATMA, Patna
May-22	PF	Ext.Edu.	Others, if any	1	OFF	Athmalgola Block	105	31	136	8	8	16	0	0	0	113	39	152	ATMA, Patna
May-22	PF	Ext.Edu.	Others, if any	1	OFF	Pandarak Bkock	106	14	120	32	12	44	0	0	0	138	26	164	ATMA, Patna
Jun-22	PF	Agril Engg	Others, if any	1	OFF	Paliganj Block Campus	82	10	92	12	2	14	0	0	0	94	12	106	ATMA, Patna
Jun-22	PF	Agril Engg	Others, if any	1	OFF	Dulhinbazar, Block, Campus	32	4	36	6	3	9	0	0	0	38	7	45	ATMA, Patna
Jun-22	PF	Agril Engg	Others, if any	1	OFF	Bikaram, Block Campus	28	0	28	5	0	5	0	0	0	33	0	33	ATMA, Patna
Jun-22	PF	Agril Engg	Others, if any	1	OFF	Bihta, Block Campus	31	12	43	8	10	18	0	0	0	39	22	61	ATMA, Patna
Jun-22	PF	Agril Engg	Others, if any	1	OFF	Maner, Block campus	118	6	124	22	3	25	0	0	0	140	9	149	ATMA, Patna

Jun-22	PF	Agril Engg	Others, if any	1	OFF	Naubatpur, Block Campus	93	21	114	12	8	20	0	0	0	105	29	134	ATMA, Patna
Jun-22	PF	Ext.Edu.	Others, if any	1	OFF	Belchi Block	127	19	146	37	22	59	0	0	0	164	41	205	ATMA, Patna
Jun-22	PF	Ext.Edu.	Others, if any	1	OFF	Dhanarua, Block	138	18	156	39	22	61	0	0	0	177	40	217	ATMA, Patna
Jun-22	PF	Ext.Edu.	Others, if any	1	OFF	Danapur, Block	121	26	147	36	17	53	0	0	0	157	43	200	ATMA, Patna
Aug-22	PF	Agril Engg	Others, if any	1	OFF	Rasayan Bhawan, Patna	52	0	52	0	0	0	0	0	0	52	0	52	Bihar. Govt.
Aug-22	PF	Ext.Edu.	Others, if any	1	Online	KVK, Barh, Patna	31	2	33	1	0	1	0	0	0	32	2	34	Prabhat Khabar
Aug-22	PF	Ext.Edu.	Others, if any	1	Online	KVK, Barh, Patna	35	6	41	2	0	2	0	0	0	37	6	43	Prabhat Khabar
Aug-22	PF	Ext.Edu.	Others, if any	1	Online	KVK, Barh, Patna	36	0	36	3	0	3	0	0	0	39	0	39	Prabhat Khabar
Aug-22	PF	Ext.Edu.	Others, if any	1	Online	KVK, Barh, Patna	31	0	31	0	0	0	0	0	0	31	0	31	Prabhat Khabar
Sep-22	PF	Soil Science	Soil fertility management	1	OFF	Pandarak Bkock Campus	28	6	34	14	0	14	0	0	0	42	6	48	ATMA, Patna
Sep-22	PF	Soil Science	Integrated Nutrient Management	1	OFF	Bakhtiyarpur Block Campis	45	7	52	10	0	10	0	0	0	55	7	62	ATMA, Patna
Sep-22	PF	Agril Engg	Others, if any	1	ON	KVK, Barh, Patna	98	0	98	13	0	13	0	0	0	111	0	111	IFFOCO, Patna
Sep-22	PF	Agril Engg	Others, if any	1	OFF	Barh, Block	62	0	62	13	0	13	0	0	0	75	0	75	ATMA, Patna
Sep-22	PF	Ext.Edu.	Group dynamics	1	ON	KVK, Barh, Patna	36	38	74	13	11	24	0	0	0	49	49	98	IFFOCO, Patna
Sep-22	PF	Ext.Edu.	Group dynamics	1	OFF	Ghoswari Block Campus	88	2	90	10	1	11	0	0	0	98	3	101	ATMA, Patna
Sep-22	PF	Ext.Edu.	Group dynamics	1	OFF	Belchi Block Campus	68	8	76	14	5	19	0	0	0	82	13	95	ATMA, Patna
Sep-22	PF	Ext.Edu.	Group dynamics	1	OFF	Khushrupur Block Campus	65	14	79	13	9	22	0	0	0	78	23	101	ATMA, Patna
Oct-22	PF	Ext.Edu.	Formation and Management of SHGs	1	OFF	Dariyapur, Masaurih	42	0	42	13	2	15	0	0	0	55	2	57	Soil Conserva tion, patna
Oct-22	PF	Ext.Edu.	Formation and Management of SHGs	1	OFF	Bakhtiyarpur, Block campus	45	12	57	17	12	29	0	0	0	62	24	86	ATMA, Patna

3.4. A. Extension Activities (including activities of FLD programmes) 2022

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	1	24	3	27	33.33	0	0	0	24	3	27
Kisan Mela	2	1029	317	1346	19.53	0	0	0	1029	317	1346
Kisan Gosthi	7	347	59	406	23.78	9	2	11	356	61	417
Exhibition	3	485	143	628	9.97	0	0	0	485	143	628
Film Show	0	0	0	0	0.00	0	0	0	0	0	0
Method Demonstrations	4	25	1	26	0.00	0	0	0	25	1	26
Farmers Seminar	0	0	0	0	0.00	0	0	0	0	0	0
Workshop	2	0	0	0	0.00	24	8	32	24	8	32
Group meetings	1	41	17	58	31.03	0	0	0	41	17	58
Lectures delivered as resource persons	5	364	83	447	#DIV/0!	12	5	17	376	88	464
Advisory Services	0	0	0	0	0.00	0	0	0	0	0	0
Scientist visit to farmers field	62	499	155	654	11.05	7	0	7	506	155	661
Farmers visit to KVK	0	0	0	0	0.00	0	0	0	0	0	0
Diagnostic visits	11	58	28	86	4.50	0	0	0	58	28	86
Exposure visits	7	188	272	460	24.53	0	0	0	188	272	460
Ex-trainees Sammelan	0	0	0	0	0.00	0	0	0	0	0	0
Soil Health Camp	0	0	0	0	0.00	0	0	0	0	0	0
Animal Health Camp	1	60	0	60	28.33	0	0	0	60	0	60
Agri mobile clinic	0	0	0	0	0.00	0	0	0	0	0	0
Soil test campaigns	0	0	0	0	0.00	0	0	0	0	0	0
Farm Science Club Conveners meet	1	4	0	4	0.00	0	0	0	4	0	4
Self Help Group Conveners meetings	1	2	49	51	100.00	0	0	0	2	49	51
Mahila Mandals Conveners meetings	4	43	80	123	42.78	0	0	0	43	80	123
Special Programme	0	0	0	0	0.00	0	0	0	0	0	0
Sankalp Se Siddhi	0	0	0	0	0.00	0	0	0	0	0	0
Swatchta Hi Sewa	0	0	0	0	0.00	0	0	0	0	0	0
Any Other (Specify)	5	230	75	305	#DIV/0!	20	5	25	250	80	330
Total	117	3399	1282	4681		72	20	92	3471	1302	4773

B. Other Extension activities 2022

Nature of Extension Activity	No. of activities
Newspaper coverage	12
Radio talks	07
TV talks	01
Popular articles	03

Extension Literature	03
Other, if any	

1) Celebration of Important Days 2022

Celebration of Important Days	No. of activities	Farmers				Extension Officials			Total		
		M	F	Total	SC/ ST (% of total)	M	F	Total	M	F	Total
Republic day (26 th Jan.)	01	10	02	12					10	02	12
International Women's Day (8 th Mar.)	01	11	54	65	0	0	0	0	11	54	65
Ambedkar Jayanti (14 th Apr.)	0	0	0	0	0	0	0	0	0	0	0
International Yoga Day (21 st Jun.)	01	7	0	7	0	0	0	0	7	0	7
Independence Day (15 th Aug.)	01	11	01	12	0	0	0	0	11	01	12
Parthenium Awareness Week (16 th to 22 nd Aug.)	04	30	08	38	05	0	0	0	30	08	38
Hindi Diwas (14 th Sep.)	0	0	0	0	0	0	0	0	0	0	0
Gandhi Jayanti (2 nd Oct.)	01	34	08	42	0	0	0	0	34	08	42
Mahila Kisan Diwas (15 th Oct.)	01	10	77	87	10	0	0	0	10	77	87
World Food Day (16 th Oct.)	0	0	0	0	0	0	0	0	0	0	0
Vigilance Awareness Week (27 th Oct. to 2 nd Nov.)	0	0	0	0	0	0	0	0	0	0	0
National Unity Day (31 st Oct.)	0	0	0	0	0	0	0	0	0	0	0
World Science Day (10 th Nov.)	0	0	0	0	0	0	0	0	0	0	0
National Education Day (11 th Nov.)	0	0	0	0	0	0	0	0	0	0	0
National Constitution Day (26 th Nov.)	01	09	01	10	0	0	0	0	09	01	10
World Soil Day (5 th Dec.)	01	65	06	71	10	0	0	0	65	06	71
Kisan Diwas (23 rd Dec.)	01	44	15	59	0	0	0	0	44	15	59

2) Interaction/Live telecast programme of Hon'ble PM/Hon'ble AM

Sl.	Date	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total

3.5 Production and supply of Technological products

Village seed

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

KVK farm

Crop	Variety	Area (ha)	Production (q)	Remarks
Paddy	S. Harshit	3.3	145.20	

		1.2	74.10	
Lentil	IPL-316	1.5	6.25	
Gram	PG-186	3.5	30.0	
Wheat	DBW-187	4.5	123.20	
	S. Nirjal	2.0	50.40	
Khesari	Ratan	05	11.50	
Rai	RH-725	1.2	10.65	

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Provided to number of farmers
Vegetable seedlings				
Cauliflower				
Cabbage				
Tomato				
Brinjal				
Chilli				
Onion				
Others				
Fruits				
Mango	Maldah, Amrpali, Mallika	4000		
Guava	Allahabad Safeda & L 49	2000		
Lime	Kagaji	2500		Ready for sale
Papaya				
Banana				
Others				
Ornamental plants	Crotons & Ornamental	2500		Ready for sale
Medicinal and Aromatic				
Plantation				
Spices				
Turmeric				
Tuber				
Elephant yams				
Fodder crop saplings	Napier grass	1000		
Forest Species				
Others, pl.specify				
Total				

Production of Bio-Products

Name of product	Quantity	Value (Rs.)	No. of Farmers
	Kg		
Bio Fertilisers			
Bio-pesticide			

Bio-fungicide			
Bio Agents			
Others			
Total			

Production of livestock materials

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

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

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2021						
Rabi 2021						

Summer/Spring 2021						
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iii) Financial Progress

Fund received (2016-17, 2017-18 and 2018-19)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2019-20				
2020-21				
2021-22				

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Authors name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books	I Poshan Vatika II Krishak Sandesh	Krishi Vigyan Kendra, Patna	1584 2100	1584 2100
Bulletins	-	-	-	-
News letter	Krishak Samachar	Krishi Vigyan Kendra, Patna	2000	
Popular Articles	-	-	-	-
Book Chapter	-	-	-	-
Extension Pamphlets/ literature	1 Poshak Aanaj 2. Prakritik Kheti	Krishi Vigyan Kendra, Patna	10000 4700	
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

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

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

S. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Capacity building programme	Climate Smart Agriculture	Sri Rajeev Kumar, SMS, Soil Science	02-05 March, 2022	ISARC, Varanasi
2.	Natioan Conference	Promotion of drone	Dr. Mrinal Verma, SMS, Agril. Engg.	02 May, 2022	NASC New Delhi

3	National Seminar	National Seminar	Dr. B. D. Singh, SMS, Ext. Edu.	18-19 June, 2022	BAU, Sabour
4	Workshop	Natural farming	Sri Rajeev Kumar, SMS, Soil Science	01-03 September, 2022	BAU, Sabour
5	Workshop	Drone for Agriculture development.	Dr. Mrinal Verma, SMS, Agril. Engg.	11-15 July, 2022	MANAGE, Hydrabad
6	National Seminar	CAGASHA	Dr. Bishnu Deo Singh, SMS, Extesion Seducation	25-26 November, 2022	BAU, Sabour
7	Annual Zonal Workshop, 2022	Annual Zonal Workshop, 2022	Dr. Kumari Sharda, Senior Scientist & Head Dr. Mrinal Verma, SMS, Agril. Engg. Dr. B. D. Singh, SMS, Ext. Edu. Sri Rajeev Kumar, SMS, Soil Science Sri Jayant Prasad, Assistant Sri Akhilesh Kumar, Prog. Assistant (Computer)	06-08 August, 2022	ATARI, Patna
8	23 th Extention Council Meeting	23 th Extention Council Meeting	Dr. Kumari Shartda, Senior Scientist & Head	12-13 Dec. 2022	BAU, Sabour
9	Workshop	Workshop IRR1	Dr. Kumari Sharda, Senior Scientist & Head	20-22 April 2022	IRRI
10	Kisan Mela	Kisan Mela Motihari	Dr. Kumari Sharda, Senior Scientist & Head Dr. Mrinal Verma, SMS, Agril. Engg.	16-18 April 2022	KVK, Piprakothi

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

SUCCESS STORY



Name of farmers: Sri Anand Murari
Address: Village- Moldiyartola, Block - Mokama, Dist- Patna
Mobile Number: 9431024995
Age: 54
Education: M.Sc
Size of land holding (in acre): 04

1) Before intervention

Component description		Bench mark (baseline period 2016-17)			
Components	Names	Area (Acre/No)	Production (Q/Litre/ No)	Gross income (Rs)	Net Income (Rs)
Field Crop 1	Paddy	2	28	39600	11600
Field Crop 2	Maize	1	22	17600	5600
Field Crop 3	Lentil	2	10	41000	25000
Field Crop 4	Chickpea	1	5	20500	12500
Field Crop 5	Mustard	1	5	17500	7500
Total				136200	62200

2) Status in 2020

Component description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre/No)	Production (Q/Litre/ No)	Gross income (Rs)	Net Income (Rs)	Production	Income
Field Crop 1	Paddy	3	54	84600	36600	92.86	215.52
Field Crop 2	Maize	1	25	25000	11000	13.64	96.43
Field Crop 3	Wheat	1	16	30200	16200	100.00	100.00
Field Crop 4	Lentil	1	6	33000	23000	-40.00	-8.00
Field Crop 5	Mustard	1	6	33000	23000	20.00	100.00
Field Crop 6	Potato	1	80	64000	39000	100.00	100.00
Total				269800	148800	47.75	139.22

Brief: The farmer used to get annual income of Rs. 62200.0 from cereals & pulses. He faced problems like low market price of the farm produce. With DFI interventions like use of HYV, INM, crop diversification & IPM he is getting annual income of Rs 148800.0





Name of farmers: Sri Saurabh Kumar
Address: Village- Hasanchak, Block - Barh, Dist- Patna
Mobile Number: 8789828203
Age: 22
Education: Graduation
Size of land holding (in acre): 16

1) Before intervention

Component description		Bench mark (baseline period 2016-17)			
Components	Names	Area (Acre/ No)	Production (Q/Litre/ No)	Gross income (Rs)	Net Income (Rs)
Field Crop 1	Paddy	10	140	198000	58000
Field Crop 2	Maize	2	40	36000	4000
Field Crop 3	Wheat	12	168	288000	144000
Field Crop 4	Lentil	4	20	82000	50000
Total				604000	256000

2) Status in 2020

Component description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre/ No)	Production (Q/Litre/ No)	Gross income (Rs)	Net Income (Rs)	Production	Income
Field Crop 1	Paddy	10	180	318000	158000	28.57	172.41
Field Crop 2	Maize	3	66	88200	34200	65.00	755.00
Field Crop 3	Wheat	12	192	362400	194400	14.29	35.00
Field Crop 4	Lentil	3.5	24.5	133000	98000	22.50	96.00
Field Crop 5	Brinjal	0.5	40	40000	27500	100.00	100.00
Livestock 1	Cow	1	1500	60000	31600	100.00	100.00
Total				1001600	543700	55.06	112.38

Brief: The farmer used to get annual income of Rs. 256000.0 from cereals & pulses. He faced problems like low market price of the farm produce. With DFI interventions like use of HYV, INM, crop diversification & IPM he is getting annual income of Rs 543700.0





Name of KVK: KVK, PATNA (Bihar)
 Name of farmers: Sri Arun Kumar
 Address: Village- Gorakhri, Block - Bikram, Dist- Patna
 Mobile Number: 9801581044
 Age: 50
 Education: Post Graduation
 Size of land holding (in acre): 08

1) Before intervention

Component description		Bench mark (baseline period 2016-17)			
Components	Names	Area (Acre/No)	Production (Q/Litre/ No)	Gross income (Rs)	Net Income (Rs)
Field Crop 1	Paddy	6	108	147600	63600
Field Crop 2	Lentil	2	10	41000	25000
Field Crop 3	Wheat	3	45	76500	40500
Field Crop 4	Mustard	1	5	17500	9500
Field Crop 5	Chickpea	1	5	20500	12500
Hort.Crop I	Mango	1	25	25000	15000
Total				328100	166100

2) Status in 2020

Component description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre/No)	Production (Q/Litre/ No)	Gross income (Rs)	Net Income (Rs)	Production	Income
Field Crop 1	Paddy	8	160	280000	152000	48.15	138.99
Field Crop 2	Lentil	3	21	114000	78000	110.00	212.00
Field Crop 3	Wheat	2	36	70800	42800	-20.00	5.68
Field Crop 4	Mustard	1	7	38500	26500	40.00	178.95
Field Crop 6	Chickpea	1	6	33000	21000	20.00	68.00
Hort. Crop I	Mango	1	100	143000	118000	300.00	686.67
				679300	438300	83.02	163.87

Brief: The farmer used to get annual income of Rs 166100.0 from cereal and pulses and mango cultivation. He faced problems like low market price of the farm produce. With DFI interventions like use of HYV, INM & IPM he is getting annual income of Rs 438300.0



3.11. A. Details of equipment available in Soil and Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	Spectrophotometer	1
2	pH meter	1
3	Flame photometer	1
4	Electronic balance	1
5	Conductivity meter	1
6	Atomic absorption spectrophotometer	1
7	Electronic balance	1
8	Glass distillation unit	1
9	Hot plate	1
10	Hot air oven	1
11	Mechanical shaker	1
12	Mridaparikshak Soil testing Kit	1

Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
0	517	517	517	24	264400.00

3.11.c. Details on World Soil Day 2022

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
01	World Soil Day	71	Dr. Kundan Kumar Sri Vijay Shankar Singh		-	71

3.12 (A) सामुदायिक रेडियो स्टेशन

Name of CR:	Community Radio Station, Barh, Patna
Frequency:	91.2 Mhz
Establishment Date:	31 st May 2011
Total hours of transmission in a day:	07 hrs
Coverage Area:	20 km Ariel distance

(B) प्रसारित होने वाले कार्यक्रम :-

क्र. सं.	संचालित कार्यक्रम	प्रसारण अवधि (मिनट)	प्रसारण समय
1	कोविड-19	60	सुबह
2	कुपोषण	60	
3	कृषक मंच	45	
4	लोकरंग	15	

5	स्वास्थ्य बाण	30	
6	कोविड-19	60	दोपहर
7	कुपोषण	60	संध्या
8	कृषक मंच	30	
9	स्वास्थ्य चर्चा/महिला जगत	15	
10	लोकरंग	15	
11	स्वास्थ्य बाण	30	

3.12 PKVY Progress Report, 2022

- A cluster consisting of a group of 49 farmers covering 50-acre area in village Aropur- Anantpur, Block Naubatpur, Patna has been formed by Chaitnya Bihar Vikash Manch, Hajipur as Regional Council.
- The group has been named as Naubatpur Krishi Vikash Samuh Group code: LGO300058407
- Sri Chandrika Prasad, Mobile No 9631172632 is LRP of the said group
- The bank account of this group has also been opened.
- This group has been uploaded on Portal *Participatory Guarantee System* for India by BSSOCA, Patna
- The operational area has cropping system as wheat, pulses and vegetables in Rabi, Green gram in summer and rice & Vegetables in Kharif.
- Total eight training program has been conducted under this scheme.
- Soil Samples has been collected and analysis is in progress.
- In summer green gram has been grown by the members of the group and seed has been provided to the group by NSC, Patna through DBT.
- All the financial transition is made through DBT
- In Kharif 2022, transplanting of Rice is in Progress.
- The certification (C-1) of the group is yet to be received.

3.15. Activities of rain water harvesting structure and micro irrigation system

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials

3.16 Technology week celebration

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

3.17. RAWE programme - is KVK involved?

No of student/ARS trained	No of days stayed
08	90

3.18. List of VIP visitors (MP/MLA/DM/VC/Zila Sabhadipati/Other Head of Organization/Foreigners)

Date	Name of the person	Designation	Purpose of visit
24.08.2022	Dr. R.N. Singh	ADEE, BAU Sabour	SAC Meeting
24.08.2022	Dr. S.B. Singh	RD, ARI, Patna	SAC Meeting
24.08.2022	Dr. Amrendra Kumar	Pr. Scientist ATARI, Patna	SAC Meeting
29.11.2022	Dr. R.N, Singh	ADEE, BAU Sabour	KVK, Visit

03.12.2022	Dr R.K. Sohane	Director Extension, BAU, Sabour	KVK, Visit
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4.0 IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Mushroom production	50	39 % of adoption	2000	6000
Adoption of zero tillage technique	258	21 % of adoption	22000	26000
Adoption of DSR technique	32	19 % of adoption	17300	25000
Vermicompost Production technique	115	23 % of adoption	6000	8000
Food processing	60	42%	2000	3500

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)

- (1) Sri Rajiv Ranjan, Village- Athmalgola, Patna (Button Mushroom production)
- (2) Sri Pankaj Kumar, Vill.-Narayanpur, Naubatpur, Patna, Bihar (OrganicVegetable production)
- (3) Sri Sudhanshu Kumar Singh, Village- Kanchanpur, Bihta, Patna (Climate Resilient Agriculture)
- (4) Sri Ramjit Sharma, Village- Baghakol, Bikram, Patna (Zero Tillage Technique, Resource Conservation)
- (5) Ganesh Kumar, Village- Painal, Bihta (Mushroom Production)
- (6) Ravi Shankar, Village- Maner (stroberry production)

Horizontal spread of technologies	
Technology	Horizontal spread
Mushroom cultivation	22 villages
Seed Production	17villages
Resource Conservation	11 villages

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

- (1) Impact of ZTD machine is excellent among the farmer's for sowing of the rice, wheat, Lentil and Chickpea.
- (2) Impact of seed treatment by fungicide, Insecticide and Rhizobium has become popular in case pulses as district covers major part of Tal area and pulses area.
- (3) Impact of Happy Seeder and Baler was appreciated by the farmers.

4.5 Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Vegetable seed production
Name & complete address of the entrepreneur	Sri Amarjeet Kumar Sinha, S/o Late Kamta Prasad Sinha, Vill.-LodipurChandmari, Danapur, Patna, Bihar
Intervention of KVK with quantitative data support:	KVK provide technical support,organized training programme with the help of Scientist
Time line of the entrepreneurship development	07 year
Technical Components of the Enterprise	Training, Exposure Visit
Status of entrepreneur before and after the enterprise	Successful enterprises interms of income and employment generation as well as in motivation of rural farmrs
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference,	Persently due to Succesefule running of this enterprises Mrs. Sinha was awaded by BAU, Sabour as an innovative farmers during the Kisan Mela, 2017. Now a days Enterprises is very

marketing the product etc. (Economic viability of the enterprise):	Popular among farmers of the district.
Horizontal spread of enterprise	

- 4.6 Any other initiative taken by the KVK
 * Establishment in Nutri Garden in KVK premises and Anganwari centres
 * Long Term Experimental Plot under CRA in KVK farm

5.0 LINKAGES

5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
1. ICAR Complex for East region Patna	Technical knowhow of water saving technology for different crop.
2. Agricultural Technology Management Agency (ATMA) Patna	To Conduct training and demonstration in the farmer's field.
3. Distict Agricultural Office,Patna	Technical feedback, Human Resource development & transfer of technology.
4. Distict Horticulture Office, Patna	Technical feedback, Human Resource development & transfer of technology.
5. District Fisheries Office, Patna	Technical feedback, Human Resource development & transfer of technology.
6. District Animal Husbandary office, Patna	Technical feedback on dairy development
7. Bihar Agricultural Management Extension Training Institute (BAMETI),Patna	Technical feedback, Human Resource development transfer of technology.
8. JEEVIKA, PATNA and other NGOs of the district	Capacity building of farmers, farm women and rural youth for income generation.
9. Other KVKs of the state	Seed & planting material, training and exposure visit of farmer.
10. Sri ram fertilizer & chemical limited, patna	Technical knowhow of fertilizer management for different crop.
11. NABARD	Creating Awareness on Agriculture among farmers and formation of Kisan club
12. BSDM, Patna	Skill Development Training
13 ASCI, New Delhi	Skill Development Training
14 SMART	COVID-19 Awareness Programme
15 BASU, Patna	Animal Health Camp & Training programme

5.2. List of special programmes undertaken during 2021 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies (**information of previous years should not be provided**)

a) Programmes for infrastructure development

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

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

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1 Performance of demonstration units (other than instructional farm)

S N	Name of demo Unit	Year of estt.	Area (Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety /breed	Produce	Qty.	Cost of inputs	Gross income	
1	Mushroom		40	Button	Mushroom	1qt	7200	15000	
	Total								

6.2 Performance of instructional farm (Crops)

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

6.3 Performance of Production Units (bio-agent's / bio pesticides/ bio fertilizers etc.,)

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

6.4 Performance of instructional farm (livestock and fisheries production)

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

6.5 Utilization of hostel facilities

Accommodation available (No. of beds)

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

(For whole of the year)

6.6 Utilization of staff quarters

Whether staff quarters has been completed:

No. of staff quarters: 3

Date of completion:

Occupancy details:

Months	Q I	Q II	Q III	Q IV	Q V	Q VI
Dr. Kumari Sharda, Sr. Scientist & Head	Y					
Sri Kanahiya Kumar Rai, Driver	Y					

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
CURRENT	SBI	Barh	11238950202
REVOLVING	SBI	Barh	11238952459

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

Item	Released by ICAR		Expenditure		Unspent balance as on -1 st January 2021
	Kharif	Rabi	Kharif	Rabi	

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st January, 2020
	Kharif	Rabi	Kharif	Rabi	

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2021
	Kharif	Rabi	Kharif	Rabi	

TOTAL					

7.5 Utilization of KVK funds during the year 2022-23

S N	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances			
	HRD			
3				
A	Stationary etc			
B	POL, Repair of vehicle, Equipments etc. contractual staff salary			
C	Training of Farmers			
D	Training Materials			
E	Training of extension functionary			
F	Training of Rural youth			
E	Front Line Demonstration			
F	ON Farm Trail			
G	Maintenance of Building			
H	Soil and water testing Lab			
I	Extension activities/Ksan Mela			
TOTAL (A)				
SC SP				
B. Non-Recurring Contingencies				
1	Furniture			
2	SC SP Capital			
3				
4				
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)

7.6.(i) Number of SHGs formed by KVKs : 02

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

7.7 Details of marketing channels created for the SHGs :- Local Market

7.8. Special programme on Food and Nutrition:

Poshan Maah, 2022

KVK	Date	No. of Angwandi Workers	No. of Farm Women & Jeevika Didi	Others	Total Participants
KVK, Barh	17.09.2022	0	34	0	34
Total		0	34	0	34

7.9. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	Both
Kisan Vaigyanik Milan Samaroh	02	2022	✓	✓	Yes
Scientist Visit to Farmers field	05	2022	✓	✓	Yes

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

8. Other information

Organic farming is introduced in 05 villages of different blocks of Patna district viz, Naubatpur, Dulhin Bazar, and Barh. 05 farmers are adopting it from 95 years.

9.1. Prevalent diseases in Livestock/Crops/Fishery

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

9.2. Nehru Yuva Kendra (NYK) Training

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

9.3. PPV & FR Sensitization training Programme

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

9.4.a SMS PORTAL

Sl. No.	Discipline	No. of Advisories	No. of Messages (SMSs)	No. of Farmers
1.	Home Science		01	9538
2.	Agril. Engg.		01	9538
3.	Ext. Edu.		01	9538
4.	Plant Protection		01	9538
5.	Soil Science		02	9538

9.4.b KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	9538
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	130

B. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office		
2. Basic maintenance		
3. Sanitation and SBM (NADEP Pit)		48000
4. Cleaning and beautification of surrounding areas		
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste		
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level		
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner		
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)		
14. No of Staff members involved in the activities		
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total		48000

9.6 Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with Seema Suraksha Bal (BSF)

Title of Programme	Date	No. of participants

9.8 Agriculture Knowledge in Rural school:

Name and address of school	Date of visit to school	Areas covered	Teaching aids used

High School, Berhna, Barh	11.04.2022	High School, Agwanpur, Barh	Leaflet, Projector, Book
Anup Aawasiy Vidhyalay	17.11.2022	Kurmichak High School, Pandark	Leaflet, Projector, Book
Osan Boarding School, Mohanipokhar	21.06.2022	Importance of organic farming	booklet

9.9. Details of 'Pre-Rabi Campaign' Programme

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

9.10. Details of Swachhta Hi Sewa programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Swachhta Awareness programmes organized at local level	3	36	-	-
2	Activities undertaken for recycling of used water for agriculture/ horticulture application	1	09	-	-
3	Sanitation and SWM	02	22	-	-
4	Basic maintenance (include housekeeping, cleaning of guest house, institute buildings & toilets, campus, etc)	1	12	-	-

9.11. Details of Mahila Kisan Divas programme organized 2022

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
01	Training and Plant distribution	05	84	0	1 Dr. Kumari Sharda, Sr. Scientist & Head 2 Dr. Mrinal Verma, SMS, Agril.Engg. 2 Dr. Bishnu Deo Singh, SMS, Ext. Edu. 3 Sri Rajeev Kumar, SMS, Soil Science

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1	Abhijeet Kumar	Bishnupura, Bihta	Crop production
2	Sujeet Kumar	Painal, bihta	Crop production
3	Sudhansu Kumar	Kanchanpur, Bihta	Crop production
4	Shiv Shankar Prasad	Chaknawada, Barh	Mushroom production
5	Amarjeet Kumar Sinha	Lodipur, Danapur	Vegetable seed production
6	Chandrika Prasad	Anantpur, Naubatpur	Organic farming
7	Ramesh Ranjan	Danapur, Patna	Milk & Honey Production

9.13. HRD programmes attended by KVK person

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme

9.14. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Seed Production Programme & other	2460249	KVK Barh, Patna
2.			
3.			

9.15. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1.	Plastic Se Behtar campaign	Plastic Se Behtar campaign	SMART New Delhi	5880	
2.	Covid Campaign	Covid Campaign	SMART New Delhi	44100	
3.	Swasthya Baan campaign	Swasthya Baan campaign	SMART New Delhi	49000	
4.	TB Challenge campaign	TB Challenge campaign	SMART New Delhi	29000	
5.	Kisan Ghar	Training	IFFCO Patna	2000	
6.	Kisan Ghar	Certificate	Rawe	2000	
7.	KVK Development	KVK Development	PD ATMA Patna	200000	
8.	Rawe	Rawe	Student Fee	60000	
9.	Custam Hiring	Custam Hiring	Farmer & Other	35000	
10.	TB Awareness	TB Awareness	SMART New Delhi	40000	
11.	Women Awareness	Women Awareness	Vermillion, New Delhi	48620	

9.16. Performance of Automatic Weather Station in KVK

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

9.17. Contingent crop planning

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

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

- a) Year:
b) Introduction / General Information:

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

11. Details of TSP- NA

- a. Achievements of physical output under TSP during 2022

Programmes	Physical achievements
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	
On-farm trials (Number)	
Frontline demonstrations (Number)	
Farmers training (in lakh)	
Extension personnel training (in lakh)	
Participants in extension activities (in lakh)	
Seed production (in tonnes)	
Planting material production (in lakh)	
Livestock strains and fingerlings production (in lakh)	
Soil, water, plant, manures samples testing (in lakh)	
Provision of mobile agro – advisory to farmers (in lakh)	
No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

- b. Fund received under TSP in 2022 (Rs. In lakh):

- c. Achievements of physical outcome under TSP during 2022

Sl.	Activities	Physical Achievement	
		No. of Trainings/Demos	No. of beneficiaries
1)	Trainings		
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.)	
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1) Activities under SCSP 2022

Sl.	Activities	Physical Achievement	
		No. of Trainings/Demos	No. of beneficiaries
1)	Trainings		
a.	Farmer	02	71
b.	Women	01	27
c.	Rural Youths	0	0
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
3)	FLD	No. of FLDs	No. of beneficiaries
		02	275
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		02	157
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.)		

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

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted	Remarks

Livestock and fisheries

Name of intervention undertaken	Number of animal covered	Number of units	Area (ha)	No of farmers covered / benefitted	Remarks

18. Progress information of NARI Project

a. 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.	1. Repura (Dhanarua) 2. Gadihar (Masaurih) 3. Kamarapr (Athamalgola) 4. Raily (Pandarak) 5. Painal (Bihta) 6. Mohani Pokhar (Naubatpur)	Community level	01 01 01 01 01 01		41 38 40 48 38 21
3.		Terrace Garden			
4.		Vertical Garden			
TOTAL			06		226

b. Details of Bio-fortified crops in Nutri-Smart village

Name of Nutri-Smart Village	Season	Activity (OFT/FLD)	Category of crop (cereal/pulses/oilseed/fruits & veg./others)	Name of Crop	Variety	Area (ha)	No. of beneficiaries
	2022-23	FLD	Cereal	Barly		02	04

c. Value addition

Name of Nutri Smart Village	Name of Crop/ veg./ fruits/ other	Name of Value added product	Activity (OFT/FLD)	No. of farmers/ beneficiaries
Chaknawada, Barh	Carrot	Carrot Jam	OFT	40
Jamunichak	Carrot	Carrot Jam	OFT	20

d. Training programmes

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Chaknawada, Barh	Training	1	23
Jamunichak	Training	1	26

e. Extension activities under NARI Project

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

1) Activities under MGMG

Total No of Groups/team formed	No. of Scientists Involved	No. of villages covered	No. of field activities conducted	No. of messages/ advisory sent	Farmers benefited (No.)

	gramme	vaccinated	dewormed	nutriment supplements provided (kg)	(Distribution of animals/birds/fingerlings) [No.]	M	F	M	F	M	F	M	F	T	KVK attended the programme
KKA-I															
KKA-II															

D. Other activities

Name of programme	Activities	No. of farmers benefited									No. of other officials (except KVK) attended the programme	
		SC		ST		Others		Total				
		M	F	M	F	M	F	M	F	T		
KKA-I	Soil Health Card Distributed											
	NADEP Pit established											
	Farm implements distributed											
	Others, if any											
KKA-II	Soil Health Card Distributed											
	NADEP Pit established											
	Farm implements distributed											
	Others, if any											

Krishi Kalyan Abhiyan- III

No. of villages covered	No. of animal inseminated	No. of farmers benefited									Any other, if any (pl. specify)	
		SC		ST		Others		Total				
		M	F	M	F	M	F	M	F	T		

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

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

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

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants
1.	Farmres registered on Kisan Sarathi Portal	-	Kisan Sarathi Portal		5587

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





