

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

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, 2021

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	26.08.2021	41	सोयाबीन के ऑन फार्म ट्रायल हेतु विभिन्न अनुसंधान संस्थान, बीज गुणन संस्थान एवं व्यावसायिक संस्थान से संपर्क स्थापित कर बीज की उपलब्धता के उपरांत ऑन फार्म ट्रायल करवाना सुनिश्चित किया जाय। उक्त प्रक्रिया करने के उपरांत भी बीज की उपलब्धता नहीं होती है तो इसे प्रसार शिक्षा निदेशालय को अवगत कराया जाय।	सोयाबीन के ऑन फार्म ट्रायल खरीफ मौसम में किया जाएगा।	
2.			कृषि विज्ञान केन्द्र में वेबिनार का आयोजन किया जाय एवं संबंधित वैज्ञानिक को जोड़ने के लिए कृषि विज्ञान केन्द्र एवं विश्वविद्यालय स्तर से प्रयास किया जायेगा।	कृषि विज्ञान केन्द्र में ऑनलाइन प्रशिक्षण किया जा रहा है एवं वेबिनार का आयोजन माह फरवरी में किया जाएगा।	
3.			कृषि विज्ञान केन्द्र में अनिवार्य रूप से ऑन लाईन प्रशिक्षण किया जाय तथा प्रशिक्षण से पूर्व प्रचार प्रसार किया जाये जैसे : सोशल मीडिया, कृषि विज्ञान केन्द्र के पोर्टल, विश्वविद्यालय के बेबसाइट एवं अन्य माध्यम से।	ऑन फार्म ट्रायल प्रशिक्षण एवं प्रचार-प्रसार किया जा रहा है।	
4.			मृदा जाँच की संख्या को बढ़ाना है, एवं जिस किसान के खेत में प्रत्यक्षण का कार्य किया जा रहा है कम से कम एक बार उस खेत का मृदा जाँच अनिवार्य रूप से किया जाय तथा मृदा स्वास्थ्य को बढ़ाने का प्रयास किया जाय।	प्रत्येक प्रत्यक्षण खेत के मृदा का जाँच सुनिश्चित रूप से किया जाता है।	
5.			एफ.पी.ओ. का गठन संयुक्त रूप से कृषि विज्ञान केन्द्र एवं 'आत्मा' पटना से किया जा रहा है। सदन द्वारा इस कार्य में नाबार्ड पटना का सहयोग लेने हेतु दिशा निदेश दिया गया।	नाबार्ड, आत्मा और कृषि विज्ञान केन्द्र के सहयोग से जिले में विभिन्न एफ.पी.ओ. के गठन का कार्य किया जा रहा है।	
6.			विषय वस्तु विशेषज्ञ, (सस्य) की नियमित नियुक्ति तक श्री चंदन कुमार, तकनीकी सहायक, सी.आर.ए. द्वारा केन्द्र के (सस्य) विज्ञान से संबंधित कार्य किया जाएगा।	श्री चंदन कुमार तकनीकी सहायक सी.आर.ए. योजना के द्वारा योजना कार्य के अलावा सस्य विज्ञान के कार्य भी आंशिक रूप से किया जा रहा है।	
7.			वैज्ञानिक सलाहकार समिति की बैठक	वैज्ञानिक सलाहकार समिति की	

		में आगामी कार्य योजना एवं वार्षिक प्रतिवेदन को संक्षिप्त रूप प्रस्तुत करना है और केवल तकनीक आधारित तथ्यों को प्रतिवेदन में शामिल करना है।	बैठक में आगामी कार्य योजना एवं वार्षिक प्रतिवेदन को संक्षिप्त रूप से प्रस्तुत किया जाता है।	
8.		खेसारी के प्रचार प्रसार के लिए जागरूकता कार्यक्रम दिनांक 06 सितम्बर 2021 से 10 सितम्बर 2021 तक आयोजित करना सुनिश्चित करे तथा खेसारी का बीज किसानों से वार्ता कर जलवायु के अनुकूल कार्यक्रम में जोड़ना सुनिश्चित किया जाय।	खेसारी के प्रचार प्रसार के लिए उरोक्त तिथि अन्तर्गत जागरूकता कार्यक्रम किया गया एवं जलवायु अनुकूल कृषि योजना अन्तर्गत चयनित गांव में खेसारी प्रभेद रतन का प्रत्यक्षण 25 एकड़ में किया गया है।	
9.		प्रक्षेत्र में बीज उत्पादन कार्य करने से प्राप्त बीज को नियमानुसार बीज का पंजीकरण करवाना सुनिश्चित करे अगर बीज पंजीकरण में कोई बाधा आ रही है तो इस संदर्भ में श्री सुनील कुमार पंकज से संपर्क स्थापित किया जा सकता है।	प्रक्षेत्र में बीज उत्पादन कार्य हेतु पंजीकरण आवश्यक रूप से किया जाता है।	
10.		कृषि विज्ञान केन्द्र द्वारा फल-फूल एवं सब्जियों के 50,000 (पचास हजार) पौधे तैयार कराना सुनिश्चित किया जाय तथा उक्त पौधा में सबसे ज्यादा पौधा आम का तैयार किया जाय। आम के पौधा को तैयार करने में कठिनाई हो तो नजदीकी संस्था जैसे - कृषि विज्ञान केन्द्र, हरनौत, नालंदा, कृषि अनुसंधान संस्थान, पटना या अन्य संस्थान से संपर्क स्थापित किया जा सकता है।	कृषि विज्ञान केन्द्र द्वारा फल-फूल सब्जियों का 28000 पौध तैयार किया गया जिसका प्रक्षेत्र, प्रत्यक्षण पोषण वाटिका में उपयोग किया गया। साथ ही साथ फल एवं फूल के पौधा का विक्रय भी केन्द्र के द्वारा किया गया।	
11.		भारतीय कृषि अनुसंधान संस्थान द्वारा निर्गत राशि से अग्रिम पंक्ति प्रत्यक्षण में धान एवं गेहूँ को शामिल नहीं करना है। इसके स्थान पर अन्य तकनीको को शामिल किया जाए।	इसका अनुपालन किया जा रहा है।	
12.		श्री अभिजीत कुमार, प्रगतिशील किसान, विष्णुपुरा, बिहटा, पटना द्वारा रबी फसल में जलवायु के अनुकूल कृषि कार्यक्रम में सबौर समृद्धि एवं सबौर निर्जल बीज के स्थान पर एच•डी• 2967 लगाने का प्रस्ताव दिया गया क्योंकि जलवायु के अनुकूल कार्यक्रम में सबौर समृद्धि एवं सबौर निर्जल की पैदावार 1400 किलोग्राम	रबी में जलवायु अनुकूल कृषि कार्यक्रम अन्तर्गत निर्देशानुसार गेहूँ का प्रभेद एच•डी•-2967 का प्रत्यक्षण चयनित गांवों में किया गया। केन्द्र पर विभिन्न प्रभेदों का क्रॉप कैफेटेरिया लगा कर किसानों हेतु प्रादर्श किया जाता है।	

		प्रति एकड़ तक पायी गयी, जबकि एच•डी• 2967 में 1800 किलाग्राम प्रति एकड़ तक पैदावार प्राप्त हुई। सदन से निर्देश दिया गया कि किसानों के खेत में सर्वप्रथम क्रॉप कैफेटेरिया लगाया जाय और किसानों के संतुष्ट होने के पश्चात बीज में परिवर्तन किया जाय। सबौर समृद्धि और सबौर निर्जल के पैदावार को परखने हेतु केन्द्र पर भी ट्रायल लगाया जाय।		
13.		श्री अभिजीत कुमार, प्रगतिशील किसान, विष्णुपुरा, बिहटा, पटना द्वारा खरीफ फसल में जलवायु के अनुकूल कृषि कार्यक्रम में धान का प्रभेद राजेन्द्र भगवती लगवाने का अनुरोध किया गया।	खरीफ मौसम की कार्य योजना के समय चयनित गांव के किसानों के साथ बैठक कर धान का प्रभेद राजेन्द्र भगवती के प्रत्यक्षण पर चर्चा कर आगे की तदनु रूप कारवाई की जाएगी।	
14.		स्ट्रोबेरी की खेती को और अधिक विकसित करने के लिए अन्य प्रखंडों में भी बढ़ावा दिया जाय।	जिले में स्ट्रोबेरी की खेती को विकसित करने के लिए विभिन्न प्रखंडों में कार्यक्रम आयोजित किया जा रहा है। इस क्रम में नौबतपुर, मनेर और मोकामा प्रखंड के किसानों द्वारा ट्रायल के तौर पर लगाया गया।	
15.		सामुदायिक रेडियो स्टेशन को Web-World करना है एवं कार्यक्रम में लोकल भाषा का प्रयोग किया जाय।	सामुदायिक रेडियो स्टेशन को Web-World किया जा रहा है।	
16.		सामुदायिक रेडियो स्टेशन के सफल संचालन हेतु रेडियो जॉकी को रखने हेतु विश्वविद्यालय से राशि उपलब्ध कराने हेतु अनुरोध किया जाय।	सामुदायिक रेडियो स्टेशन के सफल संचालन हेतु रेडियो जॉकी को रखने हेतु विश्वविद्यालय से राशि उपलब्ध कराने हेतु अनुरोध किया है।	
17.		परियोजना निदेशक, आत्मा ने सदन को सूचित किया कि तकनीकी मूल्यांकन शोधन की 75,000.00 (पचहत्तर हजार रूपया मात्र) वितीय वर्ष 2021-22 में कृषि विज्ञान केन्द्र को उपलब्ध कराया जायेगा उक्त राशि से निम्न ऑन फार्म ट्रायल करने का अनुरोध किया है:- खरीफ सीजन में - प्याज, मशरूम का बीज उत्पादन एवं अन्य का प्रत्यक्षण किया जाय।	आत्मा पटना के द्वारा प्राप्त तकनीकी मूल्यांकन शोधन की राशि से प्याज और लोबिया पर ट्रायल किया जाएगा।	
18.		परियोजना निदेशक 'आत्मा' ने अनुरोध किया किया की कृषि विभाग के द्वारा संचालित प्रक्षेत्र में केन्द्र के वैज्ञानिक द्वारा नियमित रूप से भ्रमण किया जाय। इस संदर्भ में परियोजना	कृषि विभाग द्वारा संचालित प्रक्षेत्र भ्रमण में कृषि विज्ञान केन्द्र के वैज्ञानिकों के द्वारा नियमित रूप की जाती है।	

			निदेशक 'आत्मा' संयुक्त भ्रमण सूची बनाकर कृषि विज्ञान केन्द्र को उपलब्ध करायेगे।		
19.			श्री राकेश रंजन, उप निदेशक, ईख विकास, पटना द्वारा सदन में कहा गया कि फसल का व्यवसाय हेतु उद्योग केन्द्र से संपर्क स्थापित कर फसल का विक्रय किया जा सकता है, तथा ईख से गुड़ बनाने की प्रक्रिया कृषि विज्ञान केन्द्र के माध्यम से किसानों के हितार्थ किया जायेगा। ईख की खेती को बढ़ावा देने के लिए सरकार के द्वारा अनुदान राशि उपलब्ध करायी जाती है।	ईख विकास विभाग, पटना द्वारा ईख की खेती को बढ़ावा देने हेतु संचालित कार्यक्रम में केन्द्र के वैज्ञानिक द्वारा भाग लिया जाता है।	
20.			जिला कृषि पदाधिकारी, पटना द्वारा जैविक खेती के लिए किसान एवं प्रसार कर्मियों की क्षमता वृद्धि करने हेतु कृषि विज्ञान केन्द्र से अनुरोध किया गया एवं बताया गया कि प्रसार कर्मियों की सूची जिला कृषि कार्यालय द्वारा माह अक्टूबर से उपलब्ध करा दी जायेगी।	जैविक खेती के बढ़ावा हेतु कृषि विज्ञान केन्द्र द्वारा नियमित रूप से प्रशिक्षण किया जाता है।	
21.			सहायक निदेशक, उद्यान, पटना ने एक जिला एक फसल का नारा बताया और पटना जिले के लिए प्याज की खेती एवं उसके प्रसंस्करण पर कार्य करने हेतु अनुरोध किया। इन्होंने यह भी अनुरोध किया कि खरीफ में प्याज की खेती के लिए केन्द्र के वैज्ञानिक उद्यान विभाग से मिलकर प्रयास करें।	एक जिला एक फसल के अन्तर्गत पटना जिले में किसानों को प्याज के उन्नत खेती के लिए सलाह एवं समसामयिक कार्यक्रम आयोजित किया जाता है।	
22.			डा. आर.एन.सिंह, सह निदेशक प्रसार शिक्षा, बिहार कृषि विश्वविद्यालय, सबौर द्वारा प्याज फसल को केन्द्र की गतिविधि में शामिल करने हेतु आदेशित किया गया एवं इस संदर्भ में डा. मनीष दत्ता ओझा, सह प्राध्यापक, नालंदा उद्यान महाविद्यालय, नूरसराय, नालंदा से वार्ता करने हेतु आदेशित किया गया।	निर्देशानुसार केन्द्र पर प्याज के फसल के पौध का उत्पादन कर प्रक्षेत्र में प्रत्यक्षण हेतु 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 (2021)

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 (q/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 (2021)

Month	Rainfall (mm)	Temperature °C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
January	0	21.48	9.61	81.96	52.17
February	0	26.62	13.05	87.86	53.10
March	0	34.19	19.16	60.81	31.45
April	0	38.53	22.53	56.33	30.33
May	128.0	34.98	23.33	65.64	39.20
June	258.0	34.25	31.96	81.61	58.57
July	556.0	33.61	24.35	79.03	48.55
August	632.0	33.00	24.48	86.79	65.24
September	213.0	34.07	25.30	87.78	61.85
October	129.0	32.40	22.14	81.57	53.93
November	2.0	28.71	15.49	60.67	37.00
December	38.0	25.27	11.37	65.83	41.67

1) Rain water harvesting

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

2. (B) Details of operational area / villages (2021)

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,	Use of local variety, use of	Seed

				Gram, Lathyrus, coriander, Nigella and dairy	higher seed rate, imbalance fertilizer use and maximum use of insecticide & pesticide, no use of biofertilizer, Lack of irrigation facilities	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 maximum use of pesticide	IPM, INM, Improved seed, Use of 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 2021

OFT				FLD			
Number of OFTs		Number of farmers		Number of FLDs		Number of farmers	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
09	09	54	55	12	12	450	475

Training				Extension activities			
Number of Courses		Number of Participants		Number of activities		Number of participants	
Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
150	160	4500	8100	45	45	2500	2540

Seed production (ha)		Planting material (Nos.)	
Target	Achievement	Target	Achievement
14.0	15.2	50000	28000

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	03	6113					
Bulletins							
News letter	2000	2000					
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature	3	3000					
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	

OFT: 02 (Home Science)

1	Title	Assessment of Preparation methods of Potato Flakes for more Shelf Life and Enhancement of Income.
2	Problem diagnosed	Poor shelf life of home made flakes/ chips

3	Technological option	Farmers Practice- Local people consume fresh potato as such as vegetable. Technological Option I:- Preparation of Potato Flakes Formulation- Ingredients Sliced potatoes (3-5mm)- 5 Kg, Salt – 50 gm, Water- 7.5 liter, KMS- 6.0 gm Technological Option II: - Preparation of Potato flakes with sour taste. Formulation- Ingredients Sliced potatoes (3-5mm)- 5 Kg, Salt – 50 gm, Water- 7.5 liter, KMS- 6.0 gm, Glacial Acetic acid-50ml
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	Sensory Evaluation (Taste, Clour, Flavour, Texture and Overall acceptability) and Shelf Life at ambient condition
8	Constraints identified	Poor shelf life of locally made flakes/ chips
9	Process of Farmer Participation	

OFT: 3 (Agricultural Engineering)

1	Title of On Farm Trial	Assessment of different bag storage method to minimize losses in storage
2	Thematic Area	Post-Harvest Management
3	Details of Technologies selected for Assessment	Farmers Practice- Storage in Plastic Bag Tech Option I- Storage in thin PVC bag andputting inPlastic Bag Technology Option II- Storage in Hermetic Bag and putting in Plastic Bag
4	Source of Technology	University of Illions, USA, BAU Sabour
5	Performance Indicator	Moisture Content %, Germination Rate %, Storage Loss%, BC ratio
6	Replication	10
7	Production system and thematic area	Pulse- Fallow
8	Constraints identified	Storage loss during storage of pulses resulting poor income
9	Process of Farmer Participation	

OFT: 4 (Agricultural Engineering)

1	Title of On Farm Trial	Assessment of different Mulching Materials in production of Vegetables
2	Thematic Area	Use of Plastic in Agriculture
3	Details of Technologies selected for Assessment	Farmers Practice- Without Mulching Tech Option I- Mulching with paddy straw Technology Option II- Mulching with Plastic Mulching Material

4	Source of Technology	BAU Sabour
5	Performance Indicator	No of irrigation, weed population/m ² , yield q/ha & BC ratio
6	Replication	06
7	Production system and thematic area	Pulses- Vegetables
8	Constraints identified	High cost of weeding and water utilization.
9	Process of Farmer Participation	

OFT: 5 (Extension Education)

Title of On Farm Trial :	Assessing the Awareness level of Soil Health Card (SHC) in Paddy Cultivation
Problem Diagnosed	Farmers awareness about benefits of Soil Health Card
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.
Source of Technology	BAU, Sabour, Bhagalpur
Number of Farmers	36
Production System & Thematic Area :	Capacity Building
Performance Indicator of Technology	Level of Awareness (%), Yield (qt./ha), BC Ratio
Constraints identified	Low reliability on SHC and Difficulty in Calculation of fertilize
Process of Farmer Participation	Training, Group discussion and positive response of farmers.
Result	Ongoing

OFT: 6 (Extension Education)

Title of On Farm Trial :	Effectiveness of Community Radio Programme on awareness (knowledge) related to Nutritional and health wellbeing of Radio Listener
Problem Diagnosed	Poor awareness related to Nutrition and health being among Radio Listener
Details of Technology	
Tech. Option I	Nutrition and health Awareness of Farmers not connected with C
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
Source of Technology	C.R. Compendium
Number of Farmers	36 Radio listener & Non Listener

Production System & Thematic Area :	Capacity Building
Performance Indicator of Technology	Awareness level towards Nutrition, Awareness level in health wellbeing, Consumption pattern in food habit.
Result	Ongoing

OFT: 07 (Soil Science)

1	Title	Evaluation of Sulphur and Boron Application in mustard on crop yield.
2	Problem diagnosed	Deficiency of Sulphur and Boron leads to poor crop yield of mustard.
3	Technological option	Farmers Practice: Use of N @ 75 kg/ha P ₂ O ₅ @ 55 kg/ha. TO I- RDF i.e use of N @ 60 kg/ha (½ basal + ½ at flowering stage) P ₂ O ₅ @ 40kg/ha (basal) K ₂ O@ 40 kg/ha (basal) TO II- RDF+20kg/S/ha TO III- RDF+ 20kg/S/ha+1 kg/ B/ha.
4	Source of Technology	BAU, Sabour
5	Replication	06
6	Production system and thematic area:	Rice- Mustard/Wheat- Green gram
7	Performance of the technology with performance indicators	No. of branch / plant, No. of pod / branch, No of seed /Siliqua, yield (q/ha), B:C ratio
8	Constraints identified	
9	Process of Farmer Participation	

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	03	205	Demonstration of improved variety
2.	Farmers Training	03	62	Scientific cultivation of Kharif and Rabi crop, Control of cuscutta
3.	Media coverage	03	Mass	-
4.	Training for extension functionaries	02	55	Fertilizer and weed management

Performance of the demonstration under CFLD on Oilseed Crops during 2020-21

Crop	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check			
			Demo	Check		Gross Cost	Gross Return	Net Return	BCR	(Rs./ha) Gross Cost	Gross Return	Net Return	BCR
Mustard	250	100	15.01	12.85	17.15	28472.95	67553.78	39080.83	1.37	28022.95	57865.34	29842.39	1.06

Performance of the demonstration under CFLD on Pulse Crops during Rabi 2020-21

Crop	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check			
			Demo	Check		Gross Cost	Gross Return	Net Return	BCR	(Rs./ha) Gross Cost	Gross Return	Net Return	BCR
Lentil	25	10	13.03	10.95	18.99	30356.54	75600.77	45244.23	1.49	29156.54	63510	34353.46	1.17
Chickpea	25	10	15.49	13.26	17.56	32988	67968	34980	1.06	35252	51326	16074	0.45
Fieldpea	25	10	17.55	15.5	13.94	27388	60167.68	32779.68	1.19	26952	53600	26648	0.99
Green gram	35	10	2.6	2.2	20.21	12505.71	18240	5734.28	0.46	12220	15200	2980	0.25

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

Sl. No	Crop	Variety/ Technology	No./Area (ha.)	Season	Village	No. of Beneficiaries			Remarks
						SC	ST	Other	
1	Lentil	IPL-306	10	Rabi	Rasbag, Belchi	5	0	20	Crop standing
2	Field Pea	IPFD-12-3	10	Rabi	Budhudeochak, Fatuha	5	0	20	Crop standing
3	Chickpea	PG-186	10	Rabi	Sherpur, Mokama	0	0	25	Crop standing
	Arhar	IPA-203	10	Kharif	Rawaich, Bakhtiyarpur	04	0	22	Crop standing
4	Mustard	RGN-48	30	Rabi	Kalyanpur, Tinpai Athmalgola	11	0	64	Crop standing

production													
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	1	20	0	20	7	0	7	0	0	0	27	0	27
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	20	0	20	7	0	7	0	0	0	27	0	27

F) Extension Personnel (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	47	21	68	7	13	20	0	0	0	54	34	88

Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed management	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
Others, if any Goat farming	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	2	10	12	0	0	0	0	0	0	2	10	12
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	1	36	0	36	0	0	0	0	0	0	36	0	36
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	1	36	0	36	3	0	3	0	0	0	39	0	39
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	1	27	9	36	10	7	17	0	0	0	37	16	53
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	2	61	5	66	8	0	8	0	0	0	69	5	74
Use of Plastics in farming practices	3	83	18	101	8	6	14	0	0	0	91	24	115
Production of small tools and implements	5	103	5	108	10	0	10	0	0	0	113	5	118
Repair and maintenance of farm machinery and implements	3	49	1	50	4	0	4	0	0	0	53	1	54

Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	1	20	0	20	7	0	7	0	0	0	27	0	27
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	1	0	22	22	0	10	10	0	0	0	0	32	32
Others if any (ICT application in agriculture)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	9	106	88	194	27	45	72	0	0	0	133	133	266

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Productivity enhancement in field crops	1	47	21	68	7	13	20	0	0	0	54	34	88

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	7	0	7	0	0	0	0	0	0	7	0	7
Group Dynamics and farmers organization	3	65	43	108	0	13	13	0	0	0	65	56	121
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	1	181	6	187	13	2	15	0	0	0	194	8	202
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	1	17	7	24	0	0	0	0	0	0	17	7	24
Gender mainstreaming through SHGs	1	14	2	16	3	0	3	0	0	0	17	2	19
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	8	331	79	410	23	28	51	0	0	0	354	107	461

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

F. Online Meeting /Training 2021

Thematic Area	No. of Training	No. of Male	No. of Female	Total Participants
Integrated Disease Management	1	25	4	29
Integrated Pest Management	1	11	3	14
Integrated Nutrient Management	1	15	0	15
Production of small tools and implements	1	15	0	15
Production and use of organic inputs	1	18	1	19
Repair and maintenance of farm machinery and implements	1	17	1	18
Capacity building for ICT application	1	58	0	58
Group Dynamics and farmers organization	1	53	8	61
Entrepreneurial development of farmers/youths	4	89	17	106
Formation and Management of SHGs	1	12	14	26

Production of bio control agents and bio pesticides	1	7	5	12
Installation and maintenance of micro irrigation systems	1	48	0	48
Leadership development	1	29	0	29
Grand Total	16	397	53	450

G. Poshan Maah, 2021

KVK	Date	No. of Angwandi Workers	No. of Farm Women & Jeevika Didi	Others	Total Participants
KVK, Barh	09.09.2021	0	55	02	57
KVK, Barh	17.09.2021	0	42	0	42
KVK, Barh	18.09.2021	12	41	03	56
KVK, Barh	21.09.2021	0	35	0	35
KVK, Barh	22.09.2021	0	30	0	30
Total		12	203	5	220

I. Special Programme 2021

S.No	Name of Programme	Date of Programme	Place of Programme	No. of Participant	Visit of VIPs.
1	International Women day	08.03.2021	KVK, Patna	210	Sri, Vijay Shankar, Jila Parishad, Member, Barh
2	World Water Day	22.03.2021	KVK, Patna	853	Sri Sumit Kumar, SDM, Barh
3	Nation-wide campaign on tree plantation and awareness	16.07.2021	KVK, barh	138	-
4	Celebration of "ICAR Foundation Day	16.07.2021	KVK, barh	22	
5	SAC Meeting	26.08.2021	KVK, Barh	42	Dr. R.N. Singh, ADEE, BAU, Sabour
6	Mahila Kisan Diwas	15.10.2021	KVK, Barh	77	
7	World Soil Day	05.12.2021	KVK, Barh	78	Sri, Vijay Shankar, Jila Parishad, Member, Barh
8	PM Live telecast (Natural Farming)	16.12.2021	KVK, Barh	348	
9	Kisan Diwas	23.12.2021	KVK, Barh	62	

J. Climate Resilient Agriculture Programme

Progress Report of Rabi & Summer 2021-22

Sl. No.	Technology	Crop	Physical Target (acre)	Physical Achievement (acre)	% Achievement
1	Zero Tillage	Wheat (HD 2967-400 acre & Sabour Nirjal – 15 acre)	415	415	100

2	Zero Tillage	Mustard (RGN 48)	80	80	100
3	Zero Tillage	Chickpea (PG 186)	70	70	100
4	Zero Tillage	Lentil (HUL 57)	25	25	100
5	Raised Bed	Maize (Acharya)	08	08	100
6	Zero Tillage	Lathyrus (Ratan)	25	25	100

Yield data of crops under different technologies

S. No.	Name of Technology	Name of Crop	Name of Variety	Average Grain Yield (q/ha)		Average Straw Yield (q/ha)		Harvest Index (%)		% increase of grain yield
				Demo	Local check	Demo	Local check	Demo	Local check	
1	Zero Tillage	Wheat	HD 2957	45.62	40.95	55.76	50.05	45	47	11.40
2	Zero Tillage	Chickpea	PG-186	15.75	12.05	23.62	18.08	40	40.8	30.71
3	Zero Tillage	Lentil	HUL-57	11.60	9.40	18.14	14.77	38	38	23.40
4	Zero Tillage	Mustard	RGN- 48	15.39	12.09	31.26	24.56	33	34	27.30
5	Raised Bed	Maize	Acharya	79.19	71.17	147.07	132.17	30	31	11.27
6	Zero Tillage	Lathyrus	Ratan	12.62	10.45	33.94	27.55	26	25	20.77

Economics of different technical interventions in Rabi & Summer season 2021-22.

S. No.	Name of Technology	Cost of Cultivation (Rs/ha)*		Gross Return (Rs/ha)		Net Return (Rs/ha)		B:C ratio	
		Demo	Local check	Demo	Local check	Demo	Local check	Demo	Local check
1.	Zero Tillage Wheat	27864	31959	91932	82506	64068	50547	2.30	1.58
2.	Zero Tillage Chickpea	21189	23636	82358	63021	61169	39384	2.89	1.67
3.	Zero Tillage Lentil	16872	20124	63800	51942	46928	31818	2.78	1.58
4.	Zero Tillage Mustard	23904	27873	77754	61079	53850	33206	2.25	1.19
5.	Raised Bed Maize	33925	37850	148092	133085	114167	92235	3.37	2.52
6.	Zero Tillage Lathyrus	13973	16896	45432	37620	31458	20750	2.25	1.23

Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth 2021

Crop / Enterprise	Identified Thrust Area	Training title*	No. Course	Duration (days)	No. of Participants		
					Male	Female	Total
मशरूम	उद्यमिता विकास	मशरूम की जैविक वैज्ञानिक विधि द्वारा खेती।	01	25	14	03	17
मशरूम	उद्यमिता विकास	मशरूम की जैविक वैज्ञानिक विधि द्वारा खेती।	01	30	17	04	21

Training title should specify the major technology /skill transferred

I) Sponsored Training Programmes 2021

Subject	Entry Thematic Area	Other			SC			ST			Total			Sponsored by
		M	F	T	M	F	T	M	F	T	M	F	T	
Extension Education	Entrepreneurial development of farmers/youths	47	18	65	5	3	8	0	0	0	52	21	73	ATMA, Patna
Extension Education	Mobilization of social capital	31	13	44	5	1	6	0	0	0	36	14	50	ATMA, Patna
Plant Pathology	Bio-control of pests and diseases	7	80	87	4	24	28	0	0	0	11	104	115	ATARI, Patna
Soil Science	Soil fertility management	6	110	116	46	60	106	0	0	0	52	170	222	KVK, Barh
Agricultural Engineering	Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	BAMETI, Patna
Agricultural Engineering	Post Harvest Technology	18	3	21	0	0	0	0	0	0	18	3	21	BAMETI, Patna
Plant Pathology	Integrated Pest Management	49	10	59	6	0	6	0	0	0	55	10	65	ARI, Patna
Extension Education	Productivity enhancement in field crops	47	21	68	7	13	20	0	0	0	54	34	88	DNS PATNA
Home Science	Value addition	5	27	32	3	18	21	0	0	0	8	45	53	DNS PATNA
Home Science	Gender mainstreaming through SHGs	114	24	138	34	11	45	0	0	0	148	35	183	ATARI, Patna
Agricultural Engineering	Repair and maintenance of farm machinery and implements	55	0	55	4	0	4	0	0	0	59	0	59	ATMA, Patna
Agricultural Engineering	Production of small tools and implements	25	0	25	0	0	0	0	0	0	25	0	25	Mahindra Barh
Agricultural Engineering	Care and maintenance of farm machinery and implements	181	6	187	13	2	15	0	0	0	194	8	202	BAMETI, Patna
Plant Pathology	Integrated Pest Management	49	30	79	25	8	33	0	0	0	74	38	112	ATARI, Patna
Soil Science	Soil fertility management	54	0	54	5	0	5	0	0	0	59	0	59	ATMA, Patna
Home Science	Household food security by kitchen gardening and nutrition gardening	49	30	79	25	8	33	0	0	0	74	38	112	ATARI, Patna
Soil Science	Soil fertility management	65	0	65	10	0	10	0	0	0	75	0	75	ATMA, Patna
Soil Science	Integrated Nutrient Management	84	0	84	11	0	11	0	0	0	95	0	95	ATMA, Patna
Soil Science	Production and use of organic inputs	55	9	64	8	4	12	0	0	0	63	13	76	ATARI, Patna
Agricultural Engineering	Small scale processing and value addition	242	47	289	0	0	0	0	0	0	242	47	289	BAMETI, Patna
Home Science	Storage loss minimization techniques	38	4	42	7	3	10	0	0	0	45	7	52	NFL

Agricultural Engineering	Small scale processing and value addition	38	6	44	5	1	6	0	0	0	43	7	50	NFL
Extension Education	Group dynamics	62	23	85	23	17	40	0	0	0	85	40	125	ATMA, Patna
Extension Education	Mobilization of social capital	73	11	84	13	8	21	0	0	0	86	19	105	ATMA, Patna
Extension Education	Leadership development	52	14	66	33	19	52	0	0	0	85	33	118	ATMA, Patna
Extension Education	Formation and Management of SHGs	81	12	93	23	27	50	0	0	0	104	39	143	ATMA, Patna
Soil Science	Integrated Nutrient Management	16	0	16	9	2	11	0	0	0	25	2	27	ATMA, Patna
Soil Science	Nutrient Use Efficiency	102	28	130	28	35	63	0	0	0	130	63	193	ATMA, Patna
Agricultural Engineering	Repair and maintenance of farm machinery and implements	18	0	18	7	0	7	0	0	0	25	0	25	Bihar Govt.
Agricultural Engineering	Production of small tools and implements	74	11	85	14	4	18	0	0	0	88	15	103	ATMA, Patna
Agricultural Engineering	Repair and maintenance of farm machinery and implements	68	16	84	10	6	16	0	0	0	78	22	100	ATMA, Patna
Agricultural Engineering	Repair and maintenance of farm machinery and implements	20	0	20	7	0	7	0	0	0	27	0	27	VKSCA, Dumraon
Extension Education	Gender mainstreaming through SHGs	14	2	16	3	0	3	0	0	0	17	2	19	ATARI, Patna
Extension Education	Group dynamics	148	11	159	23	23	46	0	0	0	171	34	205	ATMA, Patna
Soil Science	Soil fertility management	153	12	165	8	0	8	0	0	0	161	12	173	ATMA, Patna
Home Science	Designing and development for high nutrient efficiency diet	98	104	202	12	20	32	0	0	0	110	124	234	ATARI, Patna
Total		2238	682	2920	436	317	753	0	0	0	2674	999	3673	

3.4. A. Extension Activities (including activities of FLD programmes) 2021

Nature of Extension Activity	No. of activities	Other		SC		ST		Extension on Official		Total		
		M	F	M	F	M	F	M	F	M	F	T
Field Day	03	132	24	12	04	0	0	0	0	146	28	174
Kisan Mela	0	0	0	0	0	0	0	0	0	0	0	0
Kisan Ghosthi	05	239	22	12	18	0	0	0	0	0	0	291
Exhibition	0	0	0	0	0	0	0	0	0	0	0	0
Film Show	0	0	0	0	0	0	0	0	0	0	0	0
Method Demonstrations	05	89	0	09	0	0	0	0	0	98	0	98
Farmers Seminar	0	0	0	0	0	0	0	0	0	0	0	0
Workshop	01	0	0	0	0	0	0	0	0	0	0	842
Group meetings	0	0	0	0	0	0	0	0	0	0	0	0
Lectures delivered as resource persons	36	2238	682	436	317	0	0	0	0	2672	999	3673
Advisory Services	409	0	0	0	0	0	0	0	0	0	0	12541
Scientific visit to farmers field	11	192	34	22	0	0	0	0	0	0	0	248
Farmers visit to KVK	1086	766	214	74	32	0	0	0	0	0	0	1086
Diagnostic visits	12	128	0	8	0	0	0	0	0	0	0	136
Exposure visits	04	128	0	44	0	0	0	0	0	0	0	172
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0	0	0
Soil health Camp	01	0	0	0	0	0	0	0	0	0	0	23
Animal Health Camp	0	0	0	0	0	0	0	0	0	0	0	0
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	01	0	0	0	0	0	0	0	0	0	0	27
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	0	0	0	0	0	0	0	0	0	0	0	0
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0	0
Celebration of important days (specify)	0	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	05	0	0	0	0	0	0	0	0	0	0	187
Any Other (Specify)	0	0	0	0	0	0	0	0	0	0	0	0
Other, if any (Kisan Chaupal)	0	0	0	0	0	0	0	0	0	0	0	0
Total	1579									2916	1027	19498

B. Other Extension activities 2021

Nature of Extension Activity	No. of activities
Newspaper coverage	13
Radio talks	8
TV talks	03
Popular articles	05
Extension Literature	06
Other, if any	

1) Celebration of Important Days 2021

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	11	02	13					11	02	13
International Women's Day (8 th Mar.)	01	46	164	210	10	0	0	0	46	164	120

Ambedkar Jayanti (14 th Apr.)	0	0	0	0	0	0	0	0	0	0	0
International Yoga Day (21 st Jun.)	01	11	01	12	0	0	0	0	11	01	12
Independence Day (15 th Aug.)	01	12	01	13	0	0	0	0	12	01	13
Parthenium Awareness Week (16 th to 22 nd Aug.)	03	29	06	35	05	0	0	0	29	06	35
Hindi Diwas (14 th Sep.)	01	31	04	35	0	0	0	0	31	04	35
Gandhi Jayanti (2 nd Oct.)	01										
Mahila Kisan Diwas (15 th Oct.)	01	09	68	77	10	0	0	0	09	68	77
World Food Day (16 th Oct.)	01	19	12	31	07	0	0	0	19	12	31
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.)	01	30	12	42	0	0	0	0	30	12	42
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	17	01	18	0	0	0	17	0	01	18
World Soil Day (5 th Dec.)	01	70	08	78	10	0	0	0	70	08	78
Kisan Diwas (23 rd Dec.)	01	58	04	62	0	0	0	0	58	04	62

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
01	16.12.2021	PM Live telecast (Natural Farming)		333	15	0	348

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

S.N.	Crop	Variety	Area(ha)	Remarks (q)
Rabi (2021-22)				
01	Gram	PG186	3.7	Crop Standing
02	Lentil	IPL-316	1.5	Crop Standing
03	Wheat	DBW-187	4.2	Crop Standing
04	Wheat	Sabour Nirjal	2.2	Crop Standing
05	Lathyrus	Ratan	0.4	Crop Standing
06	Rai	RH-725	1.2	Crop Standing
Kharif (2021)				
08	Paddy	Sabour Harsit	3.38	130.95
09		R. sweta	2.69	118.85

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				
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						

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	Effects of COVID-19 lockdown on Agricultura sector and extenuating measured: An overview of Bihar & Jharkhand	Dr. Bishnu Deo Singh	Vol-LXXv II	
	Cluster demonstration: application method of increasing seed production of Rabi Crop.	Dr. B. D. Singh Dr. Mrinal Verma Sri Rajeev Kumar		
Seminar/conference/ symposia papers	Increasing farmers income by adaptation of seed drill in lentil: A line sowing technique.	1. B.D.Singh, 2. Mrinal Verma 3. Rajeev Kumar		
Books	I Poshan Vatika II Krishak Sandesh	Krishi Vigyan Kendra, Patna	2813 2300 1000	2813 2300 1000
Bulletins	-	-	-	-
News letter	Krishak Samachar	Krishi Vigyan Kendra, Patna	2000	
Popular Articles	-	-	-	-
Book Chapter	-	-	-	-
Extension Pamphlets/ literature	1 Swarojgar ka uttam vikalp: Mushroom Utpadan	Krishi Vigyan Kendra, Patna	1000	
	2. Pyaj ki Vaigyanik Kheti		1000	
	3. Mote Anaj ki Vaigyanik Kheti		1000	
	4. taining Manual- Laser Land Leveling		1000	
	5. Biochar Production		1000	
	6. Kisan Sarthi		1000	

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.	National Seminar	Transforming Indian Agriculture through Pluralistic & Innovative Extension Approaches for Self Reliant India	Dr Kumari Sharda, Sr Scientist & Head Dr B D Singh, SMS (Ext Edn)	04-06 Oct 2021	ISEE, BHU, Varanasi
2.	International Seminar				

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 farmer : Sri Ramjit Sharma
Address : Village-Baghakol, Block - Bikram, Dist- Patna
Mobile Number : 9931795982
Age : 47
Education : B. Sc. Maths
Size of land holding (in acre): 15



1) Before Intervention

Component description		Benchmark (Baseline period(2016-17))				
Component	Name	Area (Acre)	Number	Production (Q/Litre/No.)	Gross income (Rs)	Net income (Rs)
Field Crop I	Paddy	7.5		150	183000	93000
Field Crop II	Wheat	7.5		120	171000	96000
Livestock I	Cow	2		2820	76140	38200
Other enterprise (Specify)	Custom Hiring	1			700000	385000
Total					1130140	612200

2) Status in 2020

Component description		Period 2020-21				% increase over base year	
Component	Name	Area (Acre)	Production (Q/Litre/No.)	Gross income (Rs)	Net income (Rs)	Production	Income
Field Crop I	Paddy	7.5	240	339000	219000		
Field Crop II	Wheat	7.5	165	313500	227500		
Livestock I	Cow	3	4600	147200	97800		
Other enterprise (Specify)	Custom Hiring	1		1500000	700000		
Total				2299700	1244300		103.25

Brief: The farmer used to get annual income of Rs 612200 from cereal, custom hiring etc. He faced problems like low market price of the farm produce. With DFI interventions like use of HYV, INM, IPM and agriculture mechanization he is getting annual income of Rs 1244300.00 In addition, there is a cost saving of Rs. 35000.0 by using farm machinery .





Name of farmer : Sri Chandrika prasad
Address : Village- Anantpur, Block - Naubatpur, Dist- Patna

Mobile Number : 9631172632
Age : 70
Education : Graduation
Size of land holding (in acre): 4

1) Before Intervention

Component	Component description Name	Benchmark (Baseline period(2016-17))			
		Area (Acre)	Number	Production (Q/Litre/No.)	Gross income (Rs) Net income (Rs)
Field Crop I	Paddy	4		56	70200 22200
Field Crop II	Wheat(LoK 1)	2		28	42200 22200
	Lentil(Local)				
Field Crop III		1		5	20500 12500
Field Crop IV	Chickpea(Local)	0.5		2.5	11750 7750
Field Crop V	Mustard(Varuna)	0.5		2	14000 9000
Livestock I	Cow(Crossbred)	2		1600	35200 20400
Total					193850 94050

2) Status in 2020

Component	Component description Name	Area (Acre) Number	Period 2020-21			% increase over base year	
			Production (Q/Litre/No.)	Gross income (Rs)	Net income (Rs)	Production	Income
Field Crop I	Paddy	4	100	143000	37000		
Field Crop II	Wheat(DBW 187)	2	44	111800	11800		
Field Crop III	Lentil(HUL57)	1	6	30000	11500		
Field Crop IV	Vegetable	1	60	120000	89000		
Livestock I	Cow(Crossbred)	2	2800	98000	56000		
Total				502800	205300		118.29

Brief: The farmer used to get annual income of Rs 94050.0 from cereal, pulses and etc. He faced problems like low market price of the farm produce. With DFI interventions like use of HYV, IPM and adopting use of waste decomposer, he is getting annual income of Rs 205300.0





Name of farmer : Sri Sudhanshu Sinng
Address : Village- Rampur Dumra, Block - Mokama, Dist- Patna
Mobile Number : 8226893232
Age : 43
Education : Matriculation
Size of land holding (in acre): 7.5

1) Before Intervention

Component	Component description Name	Benchmark (Baseline period(2016-17))			
		Area (Acre) No.	Production (Q/Litre/No.)	Gross income (Rs)	Net income (Rs)
Field Crop I	Wheat	2	24	33600	26500
Field Crop II	Lentil	1.5	7.5	29500	17500
Field Crop III	Chickpea	0.75	4.5	18750	13200
Field Crop IV	Mustard	1	4	28000	19600
Livestock I	Cow	2	2300	64500	38200
Other enterprise (Specify)	Tractor, Ciltivator, Rotavator, Thresher	1,1,1,1		85000.0	38000.0
Total				259350	153000

2) Status in 2020

Component	Component description Name	Period 2020-21				% increase over base year	
		Area (Acre) Number	Production (Q/Litre/No.)	Gross income (Rs)	Net income (Rs)	Production	Income
Field Crop I	Wheat	2	36	78500	46100		
Field Crop II	Lentil	1.5	9	43500	28500		
Field Crop III	Chick pea	0.75	5	25500	19000		
Field Crop IV	Mustard	1	5	34000	25500		
Field crop V	Vegetables	1	58	118200	88500		
Livestock I	Cow	6	7500	240000	123000		
Other enterprise (Specify)	Tractor, Ciltivator, Rotavator, Thresher	1,1,1,1		105000	45000		
Total				644700	375600		145.5

Brief: The farmer used to get annual income of Rs 153000.00 from cereal, pulses etc. He faced problems like low market price of the farm produce. With DFI interventions like use of HYV, INM and IPM he is getting annual income of Rs 375600.00 In addition, there is a cost saving of Rs. 25000.0 in the production of cereals, pulses.



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	771	771	771	15	305850.00

3.11.c. Details on World Soil Day 2021

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	67	Sri Vijay Shankar Singh	Jila Parishad Member, Barh	45	67

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	लोकसंग	15	
5	स्वास्थ्य बाण	30	
6	चलो करें मतदान	60	दोपहर

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

3.13 Biotech Kisan Hub

A. Press release

On the eve of 75th anniversary of Indian Independence, a special programme on popularisation of Grass pea cultivation among farmers of Patna district was organized by Krishi Vigyan Kendra, Barh, Patna in collaboration with Bihar Agricultural University, Sabour, Bhagalpur from Sept. 06, 2021 to Sept. 10, 2021. During the programme the farmers were awarded and motivated for adoption of new released varieties Ratan & Prateek of Grass pea having low BOAA content. Trainings were organized on following dates and participants were as below:

S. No.	Date	Village	Block	Male	Female	Total
1.	06.09.2021	Badpur	Mokama	46	09	55
2.	07.09.2021	Moglan	Belchi	38	22	60
3.	08.09.2021	Gopaichak	Belchi	46	09	55
4.	09.09.2021	Kajichak	Pandararak	51	04	55
5.	10.09.2021	KVK, Patna	Barh	61	16	77
Total				242	60	302

In the training programmes lectures were delivered by the scientists/experts of KVK, Barh, Patna on the topics Benefits of Grass pea, its package of practices and scope of Grass pea in the district. Booklet on Grass pea cultivation was distributed among the farmers.

On Sept. 10, 2021 farmer-scientist interaction session was organized at the KVK campus in which 77 farmer participants took part in it. During the session interaction between farmers and scientists/experts of the centre was held in healthy environment in which farmers from different blocks of the district given their own views regarding prevailing situation and cultivation of Ratan & Prateek varieties of grass pea. Questions in the form of problems related to grass pea cultivation were also raised by few farmers for which one by one solution were provided by the scientists/experts of the centre.

B. Brief of Biotech KISAN Hub at KVK, Barh, Patna

The Biotech KISAN Hub programme started in the year 2018 at Krishi Vigyan Kendra, Barh, Patna in collaboration with Bihar Agricultural University, Sabour, Bhagalpur with the aim of popularization of newly released Ratan & Prateek varieties of grass pea having low BOAA content, hence, helping farmers for self sufficiency in pulse production and also help in get rid of malnourishment due to lack of protein. The crop is well suited for its cultivation under prevailing agro-climatic condition in the Patna district. Till date the centre has organised 150 demonstrations covering an area of 150 acres in different blocks of the district.

During the demonstration of the technology in the farmers field, 06 field days have been organized in which 142 farmers/farm women participated actively and got benefitted about the latest technology related to the crop. The average productivity at the farmers' field was found to be 10.35 q/ha which is additional income from the crop and hence considerably increasing the annual income of the farmer. The farmers were very happy with the varieties Ratan & Prateek and motivated to adopt the technology in future.

Photo Gallery of Programme

06 September 2021



07 September 2021



08 September 2021



09 September 2021



10 September 2021



3.14 PKVY Progress Report, 2021

- 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
17	100

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
26.08.2021	Dr. R.N. Singh	ADEE, BAU Sabour	SAC Meeting
26.08.2021	Dr. S.B. Singh	RD, ARI, Patna	SAC Meeting
29.11.2021	Dr. R.N. Singh	ADEE, BAU Sabour	KVK, Visit
27.12.2021	Dr. R. K. Sohane	DEE, BAU, Sabour	KVK, Visit
27.12.2021	Dr. Arun Kumar	Honble V.C. BAU, Sabour	KVK, Visit

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 (stroberrry 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 Scintist
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, marketing the product etc. (Economic viability of the enterprise):	Persentley due to Sucessefule 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 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.)
Swachhta Bharat Abhiyan Pakhwara	Awareness for Swachhta			
Parthenium Eradication Awareness	Awareness for Parthenium weed	16-22Aug,2021		
SAC Meeting	Scientific Advisory meeting	26.08.2021		
Pre Rabi Kisan Sammelan cum Soil Health Day	Awareness for management of Rabi Crop	05.12.2021		

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	55	4000	8250	
	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
Gram	17.11.2021	-	3.7	PG-186	F/S			
Lentil	25.11.2021	-	1.5	IPL-306	C/S			
Wheat	29.11.2021	-	4.2	DBW-187	C/S			
Wheat	25.11.2021	-	2.2	S. Nirjal	C/S			
Lathyrus	24.11.2021	-	0.4	Ratan	T/L			

Rai	20.11.2021	-	1.2	RH-725	T/L		
Paddy	14.06.2021	22.10.2021	3.38	S. Harsit	C/S	120.0	
Paddy	14.06.2021	08.11.2021	2.69	R.Sweta	C/S	103.8	

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 2020-21

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 FarmTrail			
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)
2017-18	13,33,443.70	11,54,815.00	7,00,659.35	17,87,599.35
2018-19	17,87,599.35	15,72,997.00	7,83,235.44	25,78,360.91
2019-20	₹ 25,78,360.91	₹ 11,14,440.00	₹ 6,07,224.00	₹ 30,85,576.91
2020-21				

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, 2021

KVK	Date	No. of Angwandi Workers	No. of Farm Women & Jeevika Didi	Others	Total Participants
KVK, Barh	09.09.2021	0	55	02	57
KVK, Barh	17.09.2021	0	42	0	42
KVK, Barh	18.09.2021	12	41	03	56
KVK, Barh	21.09.2021	0	35	0	35
KVK, Barh	22.09.2021	0	30	0	30
Total		12	203	5	220

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 Samaro	02	2021-22			Yes
Scientist Visit to Farmers field	04	2021-22			Yes

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

9. Other information

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		02	9538
2.	Agril. Engg.		02	9538
3.	Ext. Edu.		02	9538
4.	Plant Protection		04	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)		
4. Cleaning and beautification of surrounding areas		30000.00
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		

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	06.10.2021	High School, Agwanpur, Barh	Leaflet, Projector, Book
Anup Aawasiy Vidhyalay	21.11.2021	Kurmichak High School, Pandark	Leaflet, Projector, Book

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	2	24	-	-
2	Activities undertaken for recycling of used water for agriculture/ horticulture application	1	13	-	-
3	Sanitation and SWM	3	34	-	-
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

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
01		11	147	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

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.			
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	BSDM and other Training	Strengthening of farmers	Insdtitutional Charge		

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 2021

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 2020 (Rs. In lakh):

- c. Achievements of physical outcome under TSP during 2021

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.)	

1) Activities under SCSP

Sl.	Activities	Physical Achievement	
		No. of Trainings/Demos	No. of beneficiaries
1)	Trainings		
a.	Farmer	03	83
b.	Women	02	53
c.	Rural Youths	0	0
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
3)	FLD	No. of FLDs	No. of beneficiaries
		04	225
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		05	232
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	Number of units	Area (ha)	No of farmers	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
Kanchanpur (Bihta) Gorakhari (Bikram) Bishunupura (Bihta) Dahaur (Barh)	2021-22	FLD	Cereal	Wheat	(BHU-25, BHU-30 BHU-31)	1.6	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	20
Jamunichak	Carrot	Carrot Jam	OFT	10

d. Training programmes

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Chaknawada, Barh	Training	1	31
Jamunichak	Training	1	24

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	s vaccinated	s dewormed	nt 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)





Thank you