KRISHI VIGYAN KENDRA, ROHTAS, BIKRAMGANJ

ANNUAL REPORT 2022 (1st January-31st December 2022)

1. GENERAL INFORMATION ABOUT THE KVK

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

Name and address of KVK	Telephone		E-Mail
	Office	FAX	
Krishi Vigyan Kendra, Ara Road, Bikramganj, Rohtas	06185-222800	--	rohtaskvk@gmail.com www.rohtas.kvk4.in www.kvk.icar.gov.in

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

Name and address of Host Organization	Telephone		E mail
	Office	FAX	
Bihar Agricultural University, Sabour, Bhagalpur	0641-2452611	0641-2452604	deebausabour@gmail.com www.bausabour.ac.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Mr. Rabindra Kumar Jalaj		9430245604	rjjalaj99@gmail.com

1.4. Year of sanction of KVK:**2004 vide F.No. 8(1)/2002 –AE-II(pt.), February 9,2004**

1.5. Staff Position (**as on 31st December 2020**)

Sl. No.	Sanctioned post	Name of the Incumbent	Designation	Discipline	Pay Level with Present Basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1.	Senior Scientist& Head	Vacant	-	-	-	-	-	
2.	Subject Matter Specialist	Mr. Rabindra Kumar Jalaj	SMS	Fishery Sc.	Level-10 P.Basic 82200	10.06.2009	Permanent	SC
3.	Subject Matter Specialist	Dr. Ratan Kumar	SMS	Horticulture	Level-10 P.Basic 73200	17.04.2012	Permanent	Others
4.	Subject Matter Specialist	Dr. Rama Kant Singh	SMS	Soil Sc.	Level-10 P.Basic 73200	14.04.2012	Permanent	Others
5.	Subject Matter Specialist	Vacant	-	-	-	-	-	
6.	Subject Matter Specialist	Vacant	-	-	-	-	-	
7.	Subject Matter Specialist	Vacant	-	-	-	-	-	
8.	Programme Assistant	Mr. Praween Kumar Patel	P.A. Lab	Agriculture	Level-6 P.Basic 47600	06.11.2012	Permanent	Others
9.	Computer Programmer	Mr. Harendra Pd. Sharma	P.A. Computer	Computer Sc.	Level-6 P.Basic 46200	17.05.2013	Permanent	OBC
10.	Farm Manager	Vacant	-	-	-	-	-	-
11.	Accountant / Superintendent	Mr. Abhishek Kaushal	Assistant	Accounts	Level-6 P.Basic 46200	26.04.2013	Permanent	SC
12.	Stenographer	Mr. Subesh Kumar	Stenographer	-	Level-4 P.Basic 33300	22.06.2013	Permanent	OBC
13.	Driver	Mr. Rakesh Kumar	Driver	-	Level-3 P.Basic 27600	15.05.2015	Permanent	SC
14.	Driver	Mr. Navin Kumar Paswan	Driver	-	Level-3 P.Basic 27600	19.05.2015	Permanent	SC
15.	Supporting staff	Vacant						
16.	Supporting staff	Vacant						

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	0.13
2.	Under Demonstration Units	1.70
3.	Under Crops	7.00
4.	Orchard/Agro-forestry	0.40
5.	Others with details	0.77
	Total	10.00

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building					√			ICAR
2.	Farmers Hostel					√			ICAR
3.	Staff Quarters (6)					√			ICAR
4.	Piggery unit	√							
5	Fencing	√							
6	Rain Water harvesting structure	√							
7	Threshing floor					√			ICAR
8	Farm godown					√			ICAR
9.	Dairy unit					√			
10.	Poultry unit					√			
11.	Goatry unit					√			
12.	Mushroom Lab					√			ICAR
13.	Mushroom production unit					√			R/F
14.	Shade house (Small)					√			ICAR
15.	Soil test Lab					√			ICAR
16	Vermi Compost Unit					√			ICAR
17.	Fruits & Vegetable processing Unit					√			ICAR
18.	IFS					√			State Govt

19	Shade house (Big)					√			NHM
20	Polyhouse					√			NHM
21	Medicinal Plants demo unit					√			State Govt.
22	Long term field experiment unit					√			State Govt.

* 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
Jeep (Bolero)	2017	4,40,526.00	147500	Working
Motorcycle (Hero Passion)	2015	59,452/-	24050	Working
Motorcycle (Honda Neo)	2015	59,600/-	23905	Working
Tractor Mahindra	2012		2145 Hour	Working
Tractor New Holland	2021	9,41,151/-	518 Hour	Working
Harvester	2021		410 Hour	Working

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment (Fruit & vegetable processing & Mushroom spawn lab)				
PP cap sealing	2012	9550/-	Working	ICAR
Crown corking	2012	4950/-	Working	ICAR
Mixture/grinder	2012	9000/-	Working	ICAR
Lug cap sealer	2012	8900/-	Working	ICAR
Pulper	2012	16500/-	Working	ICAR
Fruit mill	2012	16500/-	Working	ICAR
Drying oven	2012	74500/-	Working	ICAR
Vacuum Bottle filling	2012	24500/-	Working	ICAR
Vegetable juicer	2012	19500/-	Working	ICAR
Auto clave	2012	62000/-	Working	ICAR
Refr. meter	2012	4400/-	Working	ICAR
Thermometer	2012	880/-	Working	ICAR
Elec. Top pan balance	2012	9975/-	Working	ICAR
Contour TS Blood Glucos	2013	1645/-	Working	ICAR
Sphygmomanometer	2013	1100/-	Working	ICAR
Stethoscope	2013	400/-	Working	ICAR
Weighing Machine Digital	2014	2730/-	Working	ICAR
Staturemeter	2014	551.25	Working	ICAR

Weighing SCL Libra	2014	1099.38	Working	ICAR
Heamo Meter Square	2014	731.86	Working	ICAR
Heamo Meter Round	2014	539.72	Working	ICAR
Chips Cutter	2014	495/-	Working	ICAR
Paddle Operated Potato Peeler & Slicer	2014	32480/-	Working	ICAR
PP Cap sealing	2012	9550/-	Working	ICAR
Crown corking	2012	4950/-	Working	ICAR
Mixture –Grinder	2012	9000/-	Working	ICAR
Lug Cap Sealer	2012	8900/-	Working	ICAR
Pulper	2012	16500/-	Working	ICAR
Fruit Mill	2012	16500/-	Working	ICAR
Drying Oven	2012	74500/-	Working	ICAR
Vacuum Bottle Filling	2012	24500/-	Working	ICAR
Vegetable Juicer	2012	19500/-	Working	ICAR
Auto Clave (02 No.)	2012	60000/-	Working	ICAR
Refr. Meter	2012	4400/-	Working	ICAR
Thermometer	2012	880/-	Working	ICAR
Elec. Top Pan Balance	2012	9975/-	Working	ICAR
Laminar Flow	2012	60,000/-	Working	ICAR
Refrigerator	2012	20,000/-	Good	ICAR
Rack (2 Nos)	2012	6000/-	Good	ICAR
BOD Incubator	2012	70000/-	Working	ICAR
b. AV Aids				
Camera 16 mega pixel	2007	33,738/-	Not Working	ICAR
Colour printer Epson All in One	2019	16284/-	Working	ICAR
UPS Zebronics 1KVA (5 Nos.)	2019	23495/-	Not Working	ICAR
Portable HDD	2019	12157/-	Working	ICAR
Desktop Computer -Lenovo V530	2019	31950/-	Working	ICAR
HP 1020 Plus Printer	2021	13800/-	Working	ICAR
HP Neverstop 2-in-1 printer	2021	20200/-	Working	ICAR
Acer All in One	2022		Working	State Govt.
HP Inktank Wireless printer	2022		Working	State Govt.
UPS Zebronics 1 KVK (2 Nos.)	2021	10000/-	Working	ICAR
HP All in One	2021	53300/-	Working	ICAR
c. Farm machinery				
Tractor	2014-15	5,65,000.00	working	ICAR
Paddy transplanter	2011-12	-	working	RKVY (State Govt.)

Reaper (Self propelled)	2013-14	1,00,000	Working	ICAR
Rubber Holler Rice Mill	2012-13	2,17,615.00	working	PHT, State Govt.

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Straw Baler	2012-13	8,60,000.00	working	PHT, State Govt.
Zero till drill (2 piece)	2007	44,720/-	Not working	ICAR
Reaper (Tractor operated)	2012-13	-	Not Working	RKVY (State Govt.)
Thresher	2012-13	-	Working	RKVY (State Govt.)
Disc harrow	2012-13	-	Working	RKVY (State Govt.)
Portable Power Sprayer	2019	11200/-	Working	ICAR
Paddy Thresher & Agrimax Rice-Wheat seeder	2021	194720/-	Working	RKVY (State Govt.)
Self propelled Vertical conveyer reaper And weeder Ridger-BCS	2021	784960/-	Working	CRAP (State Govt.)
Tractor Trolley	2021	179200/-	Working	CRAP (State Govt.)
Multi Crop Planter	2021	88019/-	Working	CRAP (State Govt.)
Laser Land Leveller	2021	305000/-	Working	CRAP (State Govt.)
Raised Bed Planter	2021	99000/-	Working	CRAP (State Govt.)
Tractor New Holland 6500 2WD	2021	941151/-	Working	CRAP (State Govt.)
Happy Seeder	2021	145000/-	Working	CRAP (State Govt.)
CLAAS COMBINE harvestor with AMC	2021	2759532/-	Working	CRAP (State Govt.)

Straw Baler with AMC	2021	1238980/-	Working	CRAP (State Govt.)
High Speed Hay Rack Shaktiman	2021	379724/-	Working	CRAP (State Govt.)
Tractor Mounted Sprayer	2021	193520/-	Working	CRAP (State Govt.)
Paddy Drum Seeder	2021	13000/-	Working	CRAP (State Govt.)

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	26.08.2022	35	Stated below*	Attached	

** Salient recommendation of SAC in bullet form*
Attach a copy of SAC proceedings along with list of participants

कृषि विज्ञान केन्द्र, रोहतास, बिक्रमगंज के 13वीं वैज्ञानिक सलाहकार समिति की बैठक दिनांक 26.08.2022 की कार्यवाही प्रतिवेदन :–

कृषि विज्ञान केन्द्र, रोहतास, बिक्रमगंज द्वारा आयोजित 13वीं वैज्ञानिक सलाहकार समिति की बैठक डा0 आर0एन0सिंह, सह प्रसार शिक्षा निदेशक, बिहार कृषि विश्वविद्यालय, सबौर एवं डा० अंजनी कुमार, निदेशक, अटारी, पटना की अध्यक्षता में आयोजित की गयी। बैठक में डा0 रेयाज अहमद, अधिष्ठाता सह प्राचार्य, वीर कुँवर सिंह कृषि महाविद्यालय, डुमराँव, श्री सुधीर कुमार राय, जिला कृषि पदाधिकारी, रोहतास, डा० नित्यानन्द, वरीय वैज्ञानिक एवं प्रधान, औरंगाबाद, डा0 के0 के0 प्रसाद, प्रभारी पदाधिकारी, बी0आर0यू0, धनगाईं, श्री आर0के0 जलज, वरीय वैज्ञानिक एवं प्रधान, कृषि विज्ञान केन्द्र, रोहतास, डा0 रमा कांत सिंह, विषय वस्तु विशेषज्ञ, मृदा विज्ञान, डा0 रतन कुमार, विषय वस्तु विशेषज्ञ, उद्यान विज्ञान, कृषि विज्ञान केन्द्र, रोहतास एवं डा0 प्रकाश सिंह, सहायक प्राध्यापक सह जूनियर वैज्ञानिक, वीर कुँवर सिंह कृषि महाविद्यालय, डुमराँव और प्रगतिशील किसानों के साथ जिलास्तरीय कृषि विभाग के पदाधिकारियों ने कृषि विज्ञान केन्द्र, रोहतास की वैज्ञानिक सलाहकार समिति की बैठक में सम्मिलित हुए।

(1) डा0 आर0एन0सिंह, सह प्रसार शिक्षा निदेशक, बिहार कृषि विश्वविद्यालय, सबौर के द्वारा बताया गया कि कृषि विज्ञान केन्द्र, रोहतास के द्वारा बनाया गया विडियो बहुत ही सराहनीय है। इसका साफ्ट कॉपी बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर के मिडिया सेंटर को प्रेषित करें। निदेशालय के माध्यम से इसे और उत्तम बनाया जायेगा।

(वरीय वैज्ञानिक एवं प्रधान)

(2) कृषि विज्ञान केन्द्र में मासिक बैठक आयोजित की जाय एवं इसकी जानकारी अधिष्ठाता सह प्राचार्य, वीर कुँवर सिंह कृषि महाविद्यालय, डुमराँव, बक्सर को दी जाय।

(वरीय वैज्ञानिक एवं प्रधान)

(3) ऑन लाईन ट्रायल कि विस्तृत जानकारी प्रभेद, तकनीक, परिणाम इत्यादि सहित प्रस्तुत की जाय।

(वरीय वैज्ञानिक एवं प्रधान, वैज्ञानिकगण)

(4) कृषि विज्ञान केन्द्र सात दिवसीय मत्स्य पालन का प्रशिक्षण देकर कुछ प्रशिक्षणार्थियों को मास्टर ट्रेनर के रूप में विकसित किया जाय ताकि जिले के अन्य मत्स्य पालकों की मदद पहुँचाई जा सके।

(वि०व०वि०, मत्स्य)

(5) बायोफोर्टीफाइड बीज, मिलेट एवं प्राकृतिक खेती पर कृषि विज्ञान केन्द्र के द्वारा कार्य किये जाएं।

(वैज्ञानिकगण)

(6) रबी फसल योजना कार्यक्रम 2022–23 के अन्तर्गत बीज की उपलब्धता सुनिश्चित कर ली जाय।

(वरीय वैज्ञानिक एवं प्रधान, सह अन्वेषकगण एवं तकनीकी सहायक, CRA)

(07) पोषक तत्वों की कमी, पौध रोग एवं कीट नियंत्रण हेतु निगरानी टीम बनाया जाय।

(अधिष्ठाता सह प्राचार्य, वीर कुँवर सिंह कृषि महाविद्यालय, डुमराँव)

(08) कृषि विज्ञान केन्द्र, रोहतास एवं परियोजना निदेशक, आत्मा के सहयोग से किसाना मेला, एक्सपोजर विजिट एवं प्रशिक्षण कार्य योजना बनाया जाय।

(परियोजना निदेशक, एवं वरीय वैज्ञानिक एवं प्रधान)

(09) किसान कृषि विज्ञान केन्द्र, औरंगाबाद से भी प्रशिक्षण एवं जानकारियाँ प्राप्त कर सकते हैं।

(वरीय वैज्ञानिक एवं प्रधान, औरंगाबाद)

(10) श्री संतोष कुमार, सहायक निदेशक, पौधा सरंक्षण, रोहतास के द्वारा सुझाव दिया गया कि कृषि विज्ञान केन्द्र, रोहतास के सहयोग से मक्का फसल के फॉल आर्मी कीट से बचाव हेतु एक समिति बनाकर संयुक्त क्षेत्र भ्रमण करके फाल आर्मी कीट पर रिपोर्ट कृषि सचिव, बिहार, पटना को प्रेषित किया जाय।

(11) किसान प्रतिनिधि श्री प्रेमचन्द्र कुमार के द्वारा बताया गया कि मेरे यहाँ से कृषि विज्ञान केन्द्र की दूरी 70 किलोमीटर दूर है, इधर के बहुत सारे लोग कृषि विज्ञान केन्द्र से वंचित है। फीड की जॉच के लिए जिला में और एक कृषि विज्ञान केन्द्र की आवश्यकता है।

Action Taken Report of the 12th SAC-Meeting held on 27th August, 2021

S.No.	Recommendation	Action Taken Report
1.	A committee will be formed at local level including SMS (Animal Sc.), KVK Aurangabad/TVO, Bikramganj to	Sahiwal breed cow has been purchased. The cow dung & cow urine are being used in Natural farming model.

	purchase cows for Integrated Farming System of KVK Rohtas. (*Sr. Scientist and Head)*	
2.	Aware the farmers about Round Straw Baler for straw management at field level. (*Sr. Scientist and Head, SMS Soil Science & Horticulture*)	03 Sponsored training (ATMA, Buxar, ATMA Nalanda & ATMA Bhojpur), 07 Off campus training & 02 Kisan Goshthi has been organized at field level. Total 373 farmers has participated in these programmes.
3.	Preparation of soil map of Climate Resilient Agriculture (CRA) villages.	Soil map of CRA village has been made & awareness programmes in villages has been done about soil fertility status.
4.	Promote the Biochar technology among farmers for crop residue management. (*SMS Soil Science & Horticulture*	01 Kisan Gosthi & 05 training programmes, 01 Bio-char leaflet have been done to promote the biochar technology. Total 201 farmers has participated in these programmes.
5.	Geographical Indication (GI) tag for aromatic rice variety, Sonachur should be applied. (*Asst. Prof-cum-Rice Breeder*, *VKSCoA, Dumraon*)	Registration of society for getting the GI tag of Sonachur in the name of "*Shahabad Sonachur Utpadak Sangh*" has been initiated. However, the sample of Sonachur landrace were collected from different location of Shahabad and submitted for analysis to ICAR-NRRI, Cuttack for its qualitative data on various traits.
6.	*Khet Pathshala* will be organized by the Scientists of KVK during exposure visit of farmers at KVK instructional farm. (*Sr. Scientist & Head, SMS Soil Science, Horticulture& TA CRA*)	38 Khet Pathshala has been organized during exposure visit of farmers at KVK Instructional farm. Total 6840 farmers has participated in Khet Pathshala.
7.	Include mentha in the Rice-Wheat cropping system under CRA programme. (*Sr. Scientist and Head, SMS Soil Science, Horticulture& TA CRA*)	Mentha has been included in CRA village in the Rice-Wheat cropping system.
8.	Establishment of fish hatchery with latest technology in IFS Model at KVK Farm with the available fund of revolving fund. (SMS (Fishery Sc.) &*Sr. Scientist and Head)*	01 more nursery pond has been made with revolving fund. Fund for carp hatchery has been also demanded from ATARI, Patna.
9.	Promotion of VNR Guava and red lady cultivar of Papaya must be done by KVK, Rohtas. (*SMS. Horticulture*)	4000 Red lady papaya plant has been sold to farmers, 20 VNR guava variety has been planted in mother orchard of KVK

		Rohtas farm.
10	The online training programmes will be organized as per need of farmers. (*Sr. Scientist & Head, SMS Soil Science, Horticulture& TA CRA*)	05 online training programmes has been organized on different topics. Total 120 farmers has been trained through these programmes.
11	Preparation of short video (30 to 90 seconds) of various technologies demonstrated under CRA & other KVK programmes. (*SMS, Soil Sc., Horticulture, TA, CRA & Computer Programmer*)	89 short videos has been prepared on various technologies under CRA and other KVK programmes.
12	An Offline training programme on food processing and packaging should be organized for district farmers. (*Sr. Scientist and Head, SMS Soil Science& Horticulture)*	01 On Campus training of 51 farmers on Food processing and packaging has been organized with the help of the Expert from V.K.S. College of Agriculture, Dumraon & Sudha Dairy, Dehri.
13	The Laser Land Leveler should be utilized as per the CRA farmers need and other farmers of district. (*Sr. Scientist and Head)*	Laser land leveller has been utilized in the CRA villages. Area covered – 123 acre. 15 acres area of laser land leveller has been covered outside the CRA village.

List of Members participating in 13th Scientific Advisory Committee Meeting held on 26.08.2022

1	Dr. R. N. Singh	Associate Director Extension Education, BAU, Sabour	Chairman
2	Dr. Amrendra Kumar	Principal Scientist, ICAR-ATARI, Patna	Member
3	Dr. Reyaz Ahmed	Dean, V.K.S.CoA, Dumraon, Buxar	Member
4	Mr. Rabindra Kumar Jalaj	Sr. Scientist & Head, Bikramganj	Member
5	Dr. Rama Kant Singh	SMS, Soil Sc., Bikramganj	Member
6	Dr. Ratan Kumar	SMS, Horticulture, Bikramganj	Member
7		District Animal Husbandry Officer, Rohtas	Member
8	Sri Shiv Shankar Chaudhary	District Fishery Officer Rohtas, Sasaram	Member
9	Sri Sunil Kumar	DDM, NABARD, Rohtas, Sasaram	Member
10	Dr. K.K. Prasad	O/I BRU &AICRIP-Rice, Dhangain	Member
11	Dr. Prakesh Singh	Scientist/Plant Breeding, VKSCOA, Dumraon	Member
12	Dr. M.K. Dwivedi	O/I IRS, Bikramganj	Member
13	Mr. Sudhir Kumar Rai	DAO, Rohtas	Member
14	Mr. Sudhir Kumar Rai	PD, ATMA, Rohtas	Member
15	Mr. Saurabh Kumar	Dy PD, ATMA, Rohtas	Member
16	Mr. Indrajeet Kumar	Assistant Director (Agronomy)- Farm, Rohtas	Member
17	Mr. Madhurendra Kr. Singh	SAO, Bikramganj	Member
18	Mrs. Sambhawana	SAO, Sasaram	Member
19	Mrs. Pratima Kumari	SAO, Dehri	Member
20	Mr. Santosh Kumar	Assistant Director, Plant Protection	Member
21	Mr. Abhay Kr. Mandal	Assistant Director Horticulture, Rohtas	Member
22	Md. Akram Ansari	Assistant Director, Agri. Engg.	Member
23	Mr. Anshu Radhe	Assistant Director, Soil Chemistry	Member

24	Sri Shyam Sundar Tiwari	Station Director, AIR, Sasaram	Member
25	Sri Rama Shankar Singh	NGO representative	Member
26	Representatives of	Jeevika, CSISA, BAGRI, NFL	Member
	Nominated Farmers		
27	Sri Alakhdeo Rai	Farmers' Representative	Member
28	Sri Arvind Chaudhary	Farmers' Representative	Member
29	Sri Bhikhari Rai	Farmers' Representative	Member
30	Sri Prem Kumar	Farmers' Representative	Member
31	Smt. Priyadarshini Kumari	SEW, Jeevika	Member
	Special Invitee Farmers		
32	Sri Arjun Singh	Vegetable production	Member
33	Sri Kumar Prem Chandra	IFS	Member
34	Sri Vijay Bahadur Singh	Orchards & Drip Irrigation	Member
35	Sri Dhananjay Kr. Singh	IFS & Vermicompost	Member

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

Sl.No.	Items	Information
1	Major Farming system/enterprise	Agriculture, Animal Husbandary, Fishery & Poultry
2	Agro-climatic Zone	III-BMiddle Gangetic Plain Region (IV)
3	Agro ecological situation	Northern Plain, Hot Subhumib (Dry) Eco sub region (9.2)
4	Soil type	Old alluvial
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Paddy - 3244; Wheat -2253; Maize-4100; Mustard-1220; Greengram-1050; Lentil-2000; Vegetable - 1230; Mango-500; Guava-800
6	Mean yearly temperature, rainfall, humidity of the district	Tempr. Max 44.2 Min-7.0 , Rainfall-854mm, Humidity 95-62
7	Production of major livestock products like milk, egg, meat	Milk -2.5 thousand ton, Meat- 4.8 ton,

	etc.	

Note: Please give recent data only

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.		Sanjhauli	Masona	Vegetables	Quality of vegetable seed is not available	Varietal evaluation
2.		Dawath	Derhgaon	Cereals	Farmers' adopted late duration variety of rice so sowing of rabi crops becomes late	Rice-wheat cropping system
3.		Tilouthu	Madaripur	Poultry & Fisheries	Farmers could not adopted crop rotation	Adoption of Crop rotation
4.		Suryapura	Surhuriya	Pulses & Cereals	Crop residue management is the main problem	Crop residue management
5.		Karakat	Malpura	Fisheries	Crop intensity is very low due alluvial soil	Increase of productivity

2. c. Details of village adoption programme:

Name of the villages adopted by Sr. Scientist & Head and SMS (in year 2020) for its development and action plan

Name of village	Block	Action taken for development
Surhuriya	Suryapura	Adoption of 5 years Climate Resilient Agriculture program, OFT, FLD, Seed Hub, Fish farming and implementation of CFLD program.
Derhgaon	Dawath	
Parsa Manpur	Bikramganj	Adoption of 5 years Climate Resilient Agriculture program, Fish farming and implementation of CFLD program.
Matuli	Bikramganj	Adoption of 5 years Climate Resilient Agriculture program
Babhani	Karahgar	Adoption of 5 years Climate Resilient Agriculture program, FLD, Seed Hub, Fish farming and implementation of CFLD program.

2.1 Priority thrust areas

S. No	Thrust area
1.	Increase in vegetable and fruit area
2.	Increase in fishery area
3.	IFS
4.	Pulses & Cereals area expansion
5.	Area expansion of medicinal plant
6.	Dairy technology and value addition
7.	Mushroom production
8.	Food processing
9.	Marketing linkages
10.	Formation of FPOs
11.	Custom hiring centres
12.	Skill development through mass media and Internet tools
13	Fish fingerlings and poultry

3. TECHNICAL ACHIEVEMENTS

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

OFT												FLD										
No. of technologies tested:												No. of technologies demonstrated:										
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
6	6	49	10	0	0	0	32	0	42	0	42	12	12	109	20	6	0	0	140	4	160	10	170

Training												Extension activities										
Number of Courses		Number of Participants										Number of activities		Number of participants								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
130	147	147	807	185	207	23	2381	695	3373	906	4279	20	15	15	75	11	9	3	424	34	489	47	556

Impact of capacity building											Impact of Extension activities										
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T
20	15	14	5	1	0	15	9	30	14	44	20	15	6	0	2	0	19	6	27	6	33

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
400.00	504.92	1.0	0.96

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
0.5	0.6	2.00	2.00

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	4	mass	4	5.15	4.25	1	-
Seminar/conference/ symposia papers	12	1	1	4.47	4.47	-	-
Books							
Bulletins	3	3					
News letter	4	4000					
Popular Articles	4	16000					
Book Chapter	1	mass					
Extension Pamphlets/ literature	20	mass					
Technical reports	15						
Electronic Publication (CD/DVD etc)	4	50					
TOTAL							

3.1.1Achievements on technologies assessed and refined

OFT-1

1.	**Title of On farm Trial**	**Assessment of growth and survivality of Pangassius fish species through feed probiotic addition in formulated feed.**
2.	Problem diagnosed	Poor growth rate, high feed cost and frequent fish diseases.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Central Institute of Fresh Water Aquaculture, Bhubaneshwar
5.	Production system and thematic area	Fish Farming and Feed Management
6.	Performance of the Technology with performance indicators	FP :Formulated fish feeding @ 2-3 % body weight of stocked fish. T. O-1: Formulated fish feeding @ 2-3 % body weight of stocked fish + 0.2 % probiotic inclusion. T.O-2: Formulated fish feeding @ 2-3 % body weight of stocked fish + 0.5 % probiotic inclusion.
7.	Final recommendation for micro level situation	Probiotic addition @ 0.5% in fish feed is a better practice resulting in increased fish yield.
8.	Constraints identified and feedback for research	Daily manual feeding is cost intensive practice
9.	Process of farmers participation and their reaction	Random selection

Thematic area: Disease Management

Problem definition: Poor growth rate, high feed cost and frequent fish diseases.

Technology assessed: Assessed

Table:

Technology option	No. of trials	Yield (q/Acre)	Cost of cultivation (Rs./Acre)	Gross return (Rs/Acre)	Net return (Rs./Acre)	BC ratio
F.P.: FP :Formulated fish feeding @ 2-3 % body weight of stocked fish.	7	96.72	7,30,949	10,63,982	3,33,033	1.46
T.O -1: : Formulated fish feeding @ 2-3 % body weight of stocked fish + 0.2 % probiotic inclusion.	7	114.51	7,41,085	12,59,657	5,18,572	1.70
T.O -2:Formulated fish feeding @ 2-3 % body weight of stocked fish + 0.5 % probiotic inclusion.	7	128.94	8,33,657	15,47,314	7,13,657	1.86

Results: Addition of probiotics in fish feed has increased the fish yield. Adding probiotic @ 0.5% in fish feed increased fish yield by 32.22 qt (TO-2) while it was only 17.79 qt when added @ 0.2 % (TO-1).

OFT-2

1.	Title of On farm Trial	Assessment of different feeding strategies of alternate daily ration in Pangassius fish farming
2.	Problem diagnosed	High feed cost in pangassius farming
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed impact of ration gap on weekly basis
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	**Other,Growth and reduction of cost of production of Pangasius hypophthalmus (Sauvage, 1878) with alternate feeding schedules, Indian journal of fisheries, Jan. 2005**
5.	Production system and thematic area	Fish farming
6.	Performance of the Technology with performance indicators	Cost of cultivation, yield
7.	Final recommendation for micro level situation	ongoing
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Random selection

Thematic area: Feed management

Problem definition: The fish feed in pangas farming account for around 60 percent of cultivation cost. The feed cost ranges from 44 rs to 65 rs per kilogram. Feed requirement for one ton fish production with 1.5 FCR is 1.5 ton amounting for rs. 66000 to 1 lakh rupees. It's cost could be lowered by applying gaps in daily ration without effecting final growth.

Results: On going

OFT-3

1.	Title of On farm Trial	**Response on intercropping of Potato & Mustard on plant health, yield & economic of farming.**
2.	Problem diagnosed	In Rohtas district farmers are growing potato two times but latter crop is badly affected by diseases.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour
5.	Production system and thematic area	Production management technology
6.	Performance of the Technology with performance indicators	F.P. :-Potato solo T.O.-1: 5 row potato + 3 line mustard T.O-2:-5 row potato + 2 line mustard
7.	Final recommendation for micro level situation	Technology option-2 in comparison with T-1-54775 and T-3 - 23417 .and i.e. Potato 5 line & mustard 3 line was best options for Rohtas.Disease infestation percent is low in T-2.
8.	Constraints identified and feedback for research	Farmers hesitated to intercrop with mustard
9.	Process of farmers participation and their reaction	Discussion with farmers and observation during training programme & field visits.

Thematic area: Production management technology

Problem definition: Late potato is badly affected by diseases

Technology assessed: Intercropping

Table:

Technology Option		Equivalent Yield (Potato)(Q/ha)	Cost of cultivation(Rs.)	Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio	LER
F.P	Potato solo	332.0	73500.0	265600	192100	3.61	
T.O-1	5 row potato + 3 line mustard	410.5	80750.0	328400	247650	4.06	1.85
T.O-2	5 row potato + 2 line mustard	385.5	84200.0	308400	224200	3.66	1.823

CD at 5% level of significance -31.16, CV -11.16%

Result: Net Profit of Technology option-2 in comparison with T-1-24765 and T-2–224200 .and i.e. Potato 5 line & mustard 3 line was best options for Rohtas.

OFT-4

1.	Title of On farm Trial	**Weed management in Elephant foot yam through intercropping.**
2.	Problem diagnosed	Heavy weed menace in Elephant foot yam led to reduction in crop growth and ultimately the corn yield.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IARI-New Delhi
5.	Production system and thematic area	Intercropping &Weed management
6.	Performance of the Technology with performance indicators	F.P.: Solo crop of Elephant Foot yam. T.O -1: Elephant foot yam + intercropping with vegetable cowpea. T.O -2: Elephant foot yam + Intercropping with marigold
7.	Final recommendation for micro level situation	Elephant foot yam + marigold is better than other parameters.
8.	Constraints identified and feedback for research	Due to COVID-19, the sale of marigold and cowpea became nil.
9.	Process of farmers participation and their reaction	Through survey training, Kisan Chaupal and Kisan gosthi

Thematic area: Weed management

Problem definition: Heavy weed menace in Elephant foot yam led to reduction in crop growth and ultimately the corn yield.

Technology assessed: Intercropping

Table:

Treatment		**Equivalent Yield (Q/ha)**	**Cost of cultivation(Rs.)**	**Gross return (Rs./ha)**	**Net return (Rs./ha)**	**B:C ratio**	**LER**
F.P.:	Solo crop of Elephant Foot yam.	42	130500	420000	289500	3.218	
T.O -1:	Elephant foot yam + intercropping with vegetable cowpea.	46	140700	460000	319300	3.269	1.43
T.O -2:	Elephant foot yam + Intercropping with marigold	48	141500	480000	338500	3.392	1.59

Results: Technology option T.0.-2, Elephant foot yam + marigold is better than T.O.-1, Elephant foot yam + Cowpea and farmers' practice. The equivalent yield of solo elephant foot yam is 42 and BC ratio is 3.218, elephant foot yam with cowpea is 46 and BC ratio is 3.269 while the equivalent yield of elephant foot yam with marigold is 48 and BC ratio is 3.392.

OFT-5

1.	Title of On farm Trial	**Assessment of hybrid variety of tomato for production and processing potentiality of variety.**
2.	Problem diagnosed	Production of tomato is very high in the district and farmers face great loss due to storage problem.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-IIHR, Bangalore
5.	Production system and thematic area	Varietal trial
6.	Performance of the Technology with performance indicators	F.P.: Local hybrid variety (Sun Agro-575) T.O -1: Arka Saurabh T.O -2: Arka Ashish T.O -3: Pusa Gaurav
7.	Final recommendation for micro level situation	Akra Saurabh is better than other tree variety(Sun Agro-575, Arka Ashish and Pusa Gaurav)
8.	Constraints identified and feedback for research	This variety is useful for processing purpose but duability is short.
9.	Process of farmers participation and their reaction	Through survey training, Kisan Chaupal and Kisan gosthi

Thematic area: Varietal trial

Problem definition: Production of tomato is very high in the district and farmers face great loss due to storage problem.

Technology assessed: Assessed

Result :

Treatment		Equivalent Yield (Q/ha)	Cost of cultivation (Rs.)	Gross return (Rs./ha)	Net return (Rs./ha)	B:C ratio
F.P.:	Local hybrid variety (Sun Agro-575)	282.0	58800.00	197400.00	138600.00	3.36
T.O -1:	Arka Saurabh	408.0	61700.00	285600.00	223900.00	4.63
T.O -2:	Arka Ashish	319.0	61500.00	223300.00	161800.00	3.63
T.O -3:	Pusa Gaurav	352.0	61500.00	246400.00	184700.00	4.00

CD at 5% level of significance -22.23, CV -9.24%

Results: Net Profit of Technology option-1- 223900 in comparison with FP-138600, T-2 – 161800, and T-3-184700 .i.e. Arka saurabh was best options for Rohtas. Disease infestation percent is low in T-1.

OFT-6

1.	Title of On farm Trial	**Integrated nutrient management in lentil along with liquid bio-fertilizer**
2.	Problem diagnosed	No uses of liquid bio-fertilizers and deficit of soil properties
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	BAU, Sabour
5.	Production system and thematic area	Integrated Nutrient Management
6.	Performance of the Technology with performance indicators	TO_1: Farmers Practice (0:30:0 :: N:P:K with no uses of liquid bio-fertilizers) TO_2: RDF [20:50:0] (80% of N) + 1.0 l/ha Liquid Rhizobium TO_3: RDF [20:50:0] (80% of N+ 80 % P) + 1.0 l /ha Liquid Rhizobium + 1.0 l/ha Liquid PSB)
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Through survey training, Kisan Chaupal and Kisan gosthi
10	Critical Inputs	Seed, Bio-fertilizers
11	Unit Size	0.10 ha
12	No of Replications	10

Thematic area: Integrated Nutrient Management

Problem definition: Production of tomato is very high in the district and farmers face great loss due to storage problem.

Technology assessed:

Result : Going on.

3.1.2 Technology Assessed by KVK (Discipline wise)

	Technologies assessed under various crops by KVKs (Crop Production)			
	Thematic areas	Number of the technologies (Technology Interventions)	No. of trials	No. of Locations
1	Integrated Nutrient Management			
2	Varietal Evaluation			
3	Integrated Pest Management			
4	Integrated Crop Management			
5	Integrated Disease Management			
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Farm Machineries			
10	Integrated Farming System			
11	Seed / Plant production			
12	Post Harvest Technology / Value addition			
13	Drudgery Reduction			
14	Storage Technique			
15	Others (Pl. specify)			
16	Cropping Systems			
17	Farm Mechanization			
18	Others			
	Total	**0**	**0**	**0**
	Technologies assessed under livestock by KVKs			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Disease Management			
2	Evaluation of Breeds			
3	Feed and Fodder management			
4	Nutrition Management			

5	Production and Management			
6	Processing and value addition			
7	Others (Pl. specify)			
	Total	**0**	**0**	**0**
	Technologies assessed under various enterprises by KVKs			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery reduction			
2	Entrepreneurship Development			
3	Health and nutrition			
4	Processing and value addition			
5	Energy conservation			
6	Small-scale income generation			
7	Storage techniques			
8	Household food security			
9	Organic farming			
10	Agroforestry management			
11	Mechanization			
12	Resource conservation technology			
13	Value Addition			
14	Others			
	Total	**0**	**0**	**0**
	Technologies assessed under various enterprises for women empowerment			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery Reduction			
2	Entrepreneurship Development			
3	Health and Nutrition			
4	Value Addition			
5	Others			
	Total	**0**	**0**	**0**

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.	Wheat	Crop Production	Zero tillage	175	175	32	11	14	4	317	60	363	75	438	
2.	Maize	Crop production	Raised Bed	2.0	2.0	1	0	0	0	4	0	5	0	5	
3.	Paddy	Crop production	DSR	228	228	53	23	21	11	367	95	441	129	570	

Details of farming situation

Sl. No.	Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
					N	P_2O_5	K_2O					
1	Wheat	Rabi	Irrigated	Clay Loam	256	24.2	192	Paddy	02.Nov.2021	10 April 21	-	-
2	Maise	Rabi	Irrigated	Clay Loam	277	23.2	197	Paddy	16 Nov. 2021	15 April 21		
	Paddy	Kharif	Irrigated	Clay Loam	287	24.7	194	Greengram	18 June.2021	07 Nov.21		

In both the Tables, information of same crop should be provided. For example, if in Table 3.2A crops are mentioned as a,b,c,d etc., in the table for Details of farming situation, the same crop should be mentioned in the identical sequence.

B. Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

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

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

Pulses

Frontline demonstration on pulse crops

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
Chick pea	Crop production	GCP-105	75	26.5	17	11	54.54	26000	85000	59000	3.26	25000	55000	30000	2.2
Lentil	Crop production	HUL-57	40	16	12	07	71.40	20000	72000	52000	3.6	19500	42000	22500	2.15
	Total		115	42.5											

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

Other crop

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Cauliflower	Prod. Mgmt. tech.	Sabour Agrim	30	1.0	248	186	33.33	218	184	54000	248000	194000	4.59	51000	186000	280000	3.64
Brinjal	Crop production	S. Sadabahar	20	1.0	282	238	18.48	252	207	73000	282000	209000	3.86	70000	238000	168000	3.40
Tomato	Prod. Mgmt. tech.	Kasi Vishesh	20	1.0	372	240	55.00	295	212	71500	372000	300500	5.20	70000	240000	170000	3.42
Papaya	Prod. Mgmt. tech.	Red Lady	30	1.0	632	436	44.95	490	370	150000	948000	798000	6.32	140000	654000	514000	4.67
	Total		100	4.0													

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters (growth)		% change in major parameter	Other parameter (egg)		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration (kg/5month)	Check (kg/5 month)		Demonstration (egg/yr)	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	

Buffalo																	
Poultry	Variety	Sonali	25	25	1.85	1.15	37.83	119	76	5700	18500	12800	3.24	4100	10600	6500	2.58
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (Pl.specify)																	
Total																	

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

Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters (growth)		% change in major parameter Check	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration (q/ha)	Check (q/ha)		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Jayanti Rohu	Fish species	Improved variety	10	8000	23	20	13.04	-	-	175000	446000	271000	2.54	160000	342000	182000	2.13
Advance catla	Fish species	Improved variety	05	3000	32	26	18.75			198000	544000	346000	2.74	192000	442000	250000	2.30
		Total															

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

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development	15	10 bag each farmer	33 kg	-	-	-	-	330.0	3000.0	2670	1:9	-	-	-	-
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																
Total																

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

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women					
Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					
Infants					

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check		Demo	Check	Saving	%	Demo	Check	Saving	%

Zero tillage (with crop residue)	Wheat	Residue management	125	75				02	02	0		4000	5000	-1000	-20.0
Zero till machine	Paddy	DSR	50	23				02	28	26	92.82	6500	11500	5000	43.47
Zero till machine (without crop residue)	Wheat	Sowing	550	400				02	02	0	0	4000	6500	2500	38.64
Paddy transplanter	paddy	Transplanting	15	05				12	28	16	57.14	3000	5600	2600	46.42

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

** BCR= GROSS RETURN/GROSS COST

Demonstration details on crop hybrids

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

Total Pulses										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato	Seed	25	2	410	280	46.42	100000	410000	310000	4.10
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl.specify)										
Total Veg. Crops										
Commercial Crops										
Cotton										
Coconut										
Others (Pl.specify)										
Total Commercial Crops										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl.specify)										
Total Fodder Crops										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Brinjal	Pusa Sadabar is good for Rohtas district
2	Tomato	Arka saurabh is good for food processing
3	Cauliflower	Sabour agrim is a good variety for early season
4.	Tomato	Kashi vishesh is good for Rohtas district
5.	Papaya	Red Lady is good for Rohtas district
6	Improved Fish Seed (Amur carp & Jayanti rohu)	Amur carp fish has very good growth (955 gm in 8 months)
7	DSR	1. Very high irrigation cost for field preparation 2. Incidence of weedy rice

		3. Lodging at the time of maturity 4. Higher seed rate than transplanted rice 5. Lack of specialized machine
6	ZT wheat	1. Less availability of machine 2. Crop reside in the field 3. Lack of calibration knowledge
7	Organic farming	Satisfactory & high rate of adoption
8	Mushroom & Spawn Production	
9	Mentha (ridge bund system)	
10	Agriculture marketing	
11	Paddy transplanter	1. High skill is required in mat nursery raising 2. High machine cost 3. Non-availability of spares 4. Well developed system of manual transplanting
12	Happy seeder	1. Uneven distribution of crop residue in the field 2. High initial cost 3. Lack of awareness

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	05.10.2022,10.10.2022, 08.12.2022, 11.11.2022	4	162	
2.	Farmers Training	03.08.2021,02.11.2021, 06.12.2021	3	82	
3.	Media coverage	05.10.2020, 12.10.2020	2	mass	
4.	Training for extension functionaries	26.11.2021	1	40	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2022, and Rabi 2022-23:
Cluster Front Line Demonstration

S. No.	Crop	Varieties	Target		Achievements		Input provided	Remarks
			Area (ha)	No. of Farmer	Area (ha)	No. of Farmer		
1.	Mustard	RNG-49 R. Suphlam	50	125	50	130	Pendamethyline,Sulphur, Carbendazim,Imidachlorpid, ,multiplex	On going
2.	Chick pea	GNG-2299	20	50	20	50	Rhizobium,	On going
3.	Field Pea	IPFD-2-3	20	50	20	50	Rhizobium,	On going
4.	Pigeon pea	NDA-2	20	50	20	50	Pendamethyline, Rhizobium, Carbendazim,Imidachlorpid, , multiplex,PGR	On going
	Lentil	IPL220	20	50	20	50	Pendamethyline, Rhizobium, Carbendazim,Imidachlorpid, , multiplex,	
5.	Linseed	Sabour tisi-1	20	50	20	50	Pendamethyline,Sulphur, Carbendazim,Imidachlorpid,	On going
7.	Green gram	IPM-2-14	20	50	-	-	-	start in March

A. Technical Parameters: (Result 2021-22)

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	No. of farmers	Area in ha	Yield obtained (q/ha)			% Increase	Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max	Min	Avg		D	S	P
1	Chick pea	Chhota chana	12.6	800	900	2400	GCP-105 herbicide + Soil testing + Biofertilizer	25	10	20.4	18.6	19.5	43.38	50.5	52.4	-22.5
2	Field pea	Mota Matar	13.6	500	600	2400	Prakash + herbicide + Soil testing + Biofertilizer + Insecticide	25	10	19.5	18.7	19.1	28.79	15.5	66.6	-28.7
3	Pigeon pea	Lal arhar	11.6	1600	1900	2500	NDA-2 + herbicide +	25	10	18.2	17.4	17.4	49.2	55.8	40.59	-16.4

	(kharif)						Soil testing + Biofertilizer+ Insecticide									
4	Lentil	Chotki Masur	10.5	870	910	1800	IPL-316 + herbicide + Soil testing + Biofertilizer+ Insecticide	25	10	14.8	12.4	13.6	29.95	33.1	23.25	-28.4
5	Green gram	Chhota moong	15	800	900	2000	PDM-33 + Soil testing + Rhyzobium biofertilizer + Insecticide	10	25	9.3	8.9	9.1	37.87	34.3	26.2	-16.78
6	Black gram	Chhota urd	14	800	900	2000	ICU-243 + Soil testing + Rhyzobium biofertilizer + Insecticide	10	25	10.9	10.5	10.7	36.92	23.6	20.1	-52.5
7	Mustard	Chhota Sarson	10	900	1200	2000	R.Suflam +RHO-749 herbicide + Soil testing + Sulphur+ Insecticide	75	30	18.25	16.65	17.42	53.92	45.5	34.6	-26.4
8	Linseed	Ruchi	6.0	400	400	1200	Ruchi + Soil testing + Rhyzobium biofertilizer + Insecticide	50	20	10.25	9.85	10.05	34.37	63.05	63.05	-31.6
9	Ground Nut	Deshla Moongfali	9.6	1000	1020	2189	G-2-53 + Soil testing + Rhyzobium biofertilizer + Insecticide	25	10	14.5	11.1	12.8	33.33	28	25.49	-41.52
10	Sesame	Krishna	4.3	400	570	900	Krishna + Soil testing + Rhyzobium biofertilizer + Insecticide	25	10	7.2	5.2	6.2	38.64	55	9.61	-45.16

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	GCP-105 herbicide + Soil testing + Biofertilizer	30100	68000	37900	2.25	32420	97500	65100	3.04
2	Prakash + herbicide + Soil testing + Biofertilizer + Insecticide	28400	68000	39600	2.41	30540	95500	64960	3.12
3	NDA-2 + herbicide + Soil testing + Biofertilizer+ Insecticide	28500	58000	29500	2.03	30500	87000	56500	2.85
4	IPL-316 + herbicide + Soil testing + Biofertilizer+ Insecticide	26540	63000	36460	2.37	27540	68000	40460	2.46

5	IPM-2-14 + Soil testing + Rhyzobium biofertilizer + Insecticide	22400	46200	23800	2.06	23780	63700	39920	2.68
6	ICU-243 + Soil testing + Rhyzobium biofertilizer + Insecticide	22400	45500	23100	2.03	23840	62300	38460	2.61
7	R.Suflam +RHO-749 herbicide + Soil testing + Sulphur+ Insecticide	18200	62500	44300	3.43	20800	87125	66325	4.18
8	Ruchi + Soil testing + Rhyzobium biofertilizer + Insecticide	16500	50400	33900	3.05	18000	70350	52350	3.9
9	G-2-53 + Soil testing + Rhyzobium biofertilizer + Insecticide	29550	67200	37650	2.27	30250	83200	52950	2.75
10	Krishna + Soil testing + Rhyzobium biofertilizer + Insecticide	16500	27950	11450	1.69	17280	40950	23670	2.36

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	GCP-105 herbicide + Soil testing + Biofertilizer	19250	19000	50	150	100	Personal development & housing strength	02
2	Prakash + herbicide + Soil testing + Biofertilizer + Insecticide	19500	19300	50	150	50	Personal development & housing strength	01
3	NDA-2 + herbicide + Soil testing + Biofertilizer+ Insecticide	17450	17300	50	100	50	Personal development & housing strength	02
4	IPL-316 + herbicide + Soil testing + Biofertilizer+ Insecticide	16200	15900	40	20	10	Personal development & housing strength	03
5	PDM-33 + Soil testing + Rhyzobium biofertilizer + Insecticide	18000	17900	45	50	50	Personal development & housing strength	02
6	ICU-243 + Soil testing + Rhyzobium biofertilizer + Insecticide	18000	17900	45	50	50	Personal development & housing strength	02
7	R.Suflam +RHO-749 herbicide + Soil testing + Sulphur+ Insecticide	9300	9250	55	30	20	Personal development & housing strength	01
8	Ruchi + Soil testing + Rhyzobium biofertilizer + Insecticide	7350	7300	60	30	20	Personal development & housing strength	02
9	G-2-53 + Soil testing + Rhyzobium biofertilizer + Insecticide	32000	31730	70	180	90	Personal development & housing strength	02
10	Krishna + Soil testing + Rhyzobium biofertilizer + Insecticide	15500	15480	65	10	10	Personal development & housing strength	02

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	R. Suflam	This variety is suitable for Rohtas in respect of production &productivity.	ATMA, Rohtas, BAGRI & DSCO, Rohtas	NSC, BAU, KVK	No	Yes	Timely sanction of funds

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Resistant to pod borer	High yielding variety	GCP-105 vs. Chhota Chana	GCP-105 is good for Rohtas district & also suitable for late sown condition
Resistant to wilt	High yielding variety	Prakash vs. Mota Mattar	Suitable for late sown condition
Resistant to sterility	Significant	NDA-2 vs. Lal Arhar	NDA-1 is more profitable than Lal Arhar
More branches	No. of podes 600-625	R.Suflamvs. Chhota Sarson	This variety is most suitable for Rohtas
Resistant to wilt	High yielding variety	IPU-2-43 vs. ChhotaUrd	Suitable for late sown condition
Resistant to wilt	High yielding variety	IPM-2-14 vs. Chhota Moong	Suitable for late sown condition
Resistant to wilt	High yielding variety	Ruchi vs. Chhotaki Tisi	Suitable for timely & late sown condition

F. Extension activities under CFLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Field day on Linseed	10.03.2022 / Lohara	40
2	Field day on Field pea	10.03.2022 / Hukadih	40
3	Field day on Chickpea	11.03.2022 / Masauna	40
4	Field day on Mustard	12.03.2022 / Rupi	41
5	Field day on Linseed	13.03.2022 / Sorathi	41
6	Field day on Lentil	14.03.2022 / Surhuriya	50
7	Field day on Linseed	14.03.2022 / Shivpur	55
8	Field day on Pigeon pea	16.03.2022 / Sikariya	93
9	Field day on Pigeon pea	17.03.2022 / Malahipur	53
10	Field day on Mustard	21.03.2022 / Nimidihra	55
11	Field day on Mustard	23.03.2022 / Nowa	40
12	Field day on Green gram	28.04.2022 / Bakora	41
13	Field day on Black gram	12.05.2022 / Chap	36
14	Field day on Green gram	20.05.2022 / Nauhatta	28
15	Field day on sesame	28.05.2022 / Karserua	25
	Total	**15**	**678**

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

H. Farmers' training photographs

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


कृषि विज्ञान केन्द्र, रोहतास, बिक्रमगंज
सामूहिक प्रत्यक्षण: 2022
प्रक्षेत्र दिवस
फसल- दिलहन, प्रभेद- मूंगफली
बिहार कृषि विश्वविद्यालय, सबौर (भागलपुर)


कृषि विज्ञान केन्द्र, रोहतास, बिक्रमगंज
सामूहिक प्रत्यक्षण प्रदर्शन
रबी-2022-23
फसल - मटर
प्रभेद - IPFD-10-12
बिहार कृषि विश्वविद्यालय, सबौर (भागलपुर)


कृषि विज्ञान केन्द्र, रोहतास, बिक्रमगंज
सामूहिक प्रत्यक्षण
प्रक्षेत्र दिवस
फसल- ARHAR प्रभेद- NDA-2
बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर


कृषि विज्ञान केन्द्र, रोहतास, बिक्रमगंज
सामूहिक प्रत्यक्षण प्रदर्शन
रबी-2022-23
फसल - सरसो
प्रभेद - RH761
बिहार कृषि विश्वविद्यालय, सबौर (भागलपुर)


कृषि विज्ञान केन्द्र, रोहतास, बिक्रमगंज
सामूहिक प्रत्यक्षण प्रदर्शन
रबी-2022-23
फसल – मटर
प्रभेद – NDA-2


कृषि विज्ञान केन्द्र, रोहतास, बिक्रमगंज
सामूहिक प्रत्यक्षण प्रदर्शन
रबी-2022-23
फसल – मटर
प्रभेद – IPFD-10-12


कृषि विज्ञान केन्द्र, रोहतास, बिक्रमगंज
सामूहिक प्रत्यक्षण प्रदर्शन
रबी-2022-23
फसल – मटर
प्रभेद – IPFD-10-12


कृषि विज्ञान केन्द्र, रोहतास, बिक्रमगंज
सामूहिक प्रत्यक्षण प्रदर्शन

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Chick pea 2021-22	i) Critical input	81,000.00	81,000.00	0.00
	ii) TA/DA/POL etc. for monitoring	9,000.00	9000.00	0.00
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
Total		**90,000.00**	**89,720.00**	**280.00**
Field pea 2021-22	i) Critical input	81,000.00	81,000.00	0.00
	ii) TA/DA/POL etc. for monitoring	9,000.00	9000.00	0.00
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
Total		**90,000.00**	**89,810.00**	**0.00**
Pigeon pea 2021-22	i) Critical input	81,000.00	81,000.00	0.00
	ii) TA/DA/POL etc. for monitoring	9,000.00	9000.00	0.00
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
Total		**90,000.00**	**89,309.00**	**691.00**
Mustard 2021-22	i) Critical input	162000.00	162000.00	0.00
	ii) TA/DA/POL etc. for monitoring	18,000.00	18000.00	0.00
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
Total		**180,000.00**	**180000.00**	**0.00**
Linseed 2021-22	i) Critical input	135,000.00	135,000.00	0.00
	ii) TA/DA/POL etc. for monitoring	15,000.00	15000.00	0.00
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
Total		**1,50,000.00**	**150000.00**	**0.00**

Sesame 2021-22	i) Critical input	90,000.00	90,000.00	0.00
	ii) TA/DA/POL etc. for monitoring	10,000.00	10000.00	0.00
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
Total		**1,00,000.00**	**100000.00**	**0.00**
Green gram 2021-22	i) Critical input	81,000.00	81,000.00	0.00
	ii) TA/DA/POL etc. for monitoring	9,000.00	9000.00	0.00
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
Total		**90,000.00**	**90000.00**	**0.00**
Black gram 2021-22	i) Critical input	81,000.00	81,000.00	0.00
	ii) TA/DA/POL etc. for monitoring	9,000.00	9000.00	0.00
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
Total		**90,000.00**	**90000.00**	**0.00**
Lentil 2021-22	i) Critical input	81,000.00	81,000.00	0.00
	ii) TA/DA/POL etc. for monitoring	9,000.00	9000.00	0.00
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
Total		**90,000.00**	**90000.00**	**0.00**
Ground nut 2021-22	i) Critical input	108,000.00	108,000.00	0.00
	ii) TA/DA/POL etc. for monitoring	12,000.00	12000.00	0.00
	iii) Extension Activities (Field day)			
	iv)Publication of literature			
Total		**108,000.00**	**108000.00**	**0.00**

3.3 Achievements on Training (Including the sponsored and FLD training programmes):

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	3	36	7	43	15	5	20	4	0	4	55	12	67
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	1	50	0	50	10	0	10	0	0	0	60	0	60
Crop Diversification	2	20	6	26	15	5	20	4	0	4	39	11	50
Integrated Farming	1	15	0	15	8	0	8	0	0	0	23	0	23
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	1	15	0	15	9	0	9	2	0	2	26	0	26
Nursery management	1	15	0	15	8	0	8	0	0	0	23	0	23
Integrated Crop Management	1	25	0	25	1	0	1	0	0	0	26	0	26
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, (cultivation of crops)	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture	0	0	0	0	0	0	0	0	0	0	0	0	0
a) Vegetable Crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	1	33	0	33	2	0	2	0	0	0	33	2	35
Water management	1	14	3	17	4	0	4	1	0	1	19	3	22
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	2	18	8	26	14	2	16	2	0	2	34	10	44
Production of low volume and high value crops	1	14	2	16	3	0	3	1	0	1	18	2	20
Off-season vegetables	2	18	8	26	14	2	16	2	0	2	34	10	44
Nursery raising	2	20	5	25	14	6	20	4	0	4	38	11	49
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	1	14	3	17	4	0	4	1	0	1	19	3	22
Others, if any (Hydroponic)	1	25	0	25	0	0	0	0	0	0	25	0	25
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits													
Layout and Management of Orchards	1	14	2	16	3	0	3	1	0	1	18	2	20
Cultivation of Fruit	1	19	82	101	0	15	15	0	0	0	19	97	116
Management of young plants/orchards	1	12	5	17	3	0	3	0	0	0	15	5	20
Rejuvenation of old orchards	1	12	5	17	4	0	4	1	0	1	17	5	22
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	1	14	2	16	3	0	3	1	0	1	18	2	20
Plant propagation techniques	2	20	5	25	14	6	20	4	0	4	38	11	49

Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants													
Nursery Management	1	12	3	15	6	0	6	2	0	2	20	3	23
Management of potted plants	1	13	2	15	4	0	4	5	0	5	22	2	24
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology	1	12	4	16	6	2	8	2	0	2	20	6	26
Processing and value addition	1	12	4	16	8	0	8	0	0	0	20	4	24
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	1	12	4	16	8	0	8	0	0	0	20	4	24
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post-harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	1	37	5	42	12	3	15	0	0	0	39	8	47
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	2	54	0	54	2	0	2	0	0	0	56	2	58
Production and use of organic inputs	1	18	0	18	8	0	8	0	0	0	26	0	26
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	1	53	2	55	2	0	2	0	0	0	55	2	57
Soil and Water Testing	2	30	0	30	4	0	4	0	0	0	30	0	30
Others, if any (CRM)	1	77	11	88	12	0	12	0	0	0	89	11	100
IV. Livestock Production and Management													
Dairy Management	2	19	11	30	9	5	14	4	0	4	32	16	48
Poultry Management	1	9	3	12	5	2	7	3	0	3	17	5	22

Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	1	12	3	15	10	2	12	2	0	2	24	5	29
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	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	1	10	12	22	10	19	29	0	0	0	20	31	51
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	1	102	29	131	23	0	23	2	0	2	121	29	150
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	1	12	3	15	10	2	12	2	0	2	24	5	29
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0

Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated fish farming	1	31	3	34	3	1	4	2	0	2	36	4	40
Carp breeding and hatchery management	2	22	0	22	13	0	13	5	2	7	40	2	42
Carp fry and fingerling rearing	1	18	0	18	9	0	9	5	0	5	32	0	32
Composite fish culture & fish disease	1	12	0	12	8	0	8	4	0	4	24	0	24
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	1	18	0	18	6	0	6	2	0	2	26	0	26
Hatchery management and culture of freshwater prawn	2	30	0	30	20	0	20	5	0	5	55	0	55
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming													
Pearl culture	1	20	0	20	10	0	10	0	0	0	30	0	30
Fish processing and value addition	1	20	0	20	12	0	12	0	0	0	32	0	32
Others, if any	1	12	0	12	8	0	8	4	0	4	24	0	24
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	2	34	2	36	14	0	14	0	0	0	48	2	50
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0

Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI. Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**61**	**1134**	**244**	**1378**	**390**	**77**	**467**	**77**	**2**	**79**	**1579**	**327**	**1906**

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	6	20	178	198	0	15	15	0	1	1	20	194	214
Bee-keeping	2	74	0	74	11	0	11	0	0	0	85	0	85
Integrated farming	1	33	0	33	4	0	4	0	0	0	37	0	37
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	1	15	6	21	4	0	4	5	0	5	24	6	30
Integrated Farming system	2	38	2	40	11	0	11	3	0	3	52	2	54
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	2	24	0	24	1	2	3	0	0	0	25	2	27
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	1	14	0	14	10	0	10	6	0	6	30	0	30
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	2	58	4	62	11	0	11	3	0	3	72	4	76
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	1	2	30	32	0	4	4	0	1	1	2	35	37
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	2	44	6	50	7	0	7	2	0	2	53	6	59
Sheep and goat rearing	2	30	31	61	11	8	19	0	1	1	41	40	81
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	1	23	3	26	8	2	10	0	0	0	31	5	36
Ornamental fisheries	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
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
Fresh water fisheries	1	23	3	26	1	0	1	1	0	1	25	3	28
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	1	15	2	17	9	2	11	4	1	5	28	5	33
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
Crop Residue management	1	27	0	27	12	0	12	0	0	0	39	0	39
Others (Natural farming)	2	63	8	71	8	0	8	1	0	1	72	8	80
TOTAL	**28**	**503**	**273**	**776**	**108**	**33**	**141**	**25**	**4**	**29**	**636**	**310**	**946**

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	1	18	4	22	3	0	3	0	0	0	21	4	25
Value addition	1	15	5	20	5	2	7	5	0	5	25	7	32
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
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	14	2	16	10	2	12	5	0	5	29	4	33
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	1	10	6	16	1	0	1	0	0	0	11	6	17
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	1	27	0	27	1	0	1	0	0	0	28	0	28
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi compost production	1	0	28	28	0	15	15	0	0	0	0	43	43
Kitchen garden	1	0	9	9	0	1	1	0	0	0	0	9	9
Crop Residue management	1	27	0	27	0	0	0	0	0	0	27	0	27
Others (Natural Farming)													
TOTAL	**8**	**111**	**54**	**165**	**20**	**20**	**40**	**10**	**0**	**10**	**141**	**73**	**214**

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	13	2	15	11	0	11	2	0	2	26	2	28
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	2	16	0	16	12	0	12	0	0	0	28	0	28
Crop Diversification	1	14	2	16	13	2	15	2	3	5	29	7	36
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	2	19	0	19	22	0	22	15	0	15	56	0	56
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, (cultivation of crops)	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	29	0	29	1	0	1	0	0	0	30	0	30
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	1	15	6	21	8	1	9	1	0	1	24	7	31
Production of low volume and high value crops	1	12	8	20	4	5	9	0	0	0	16	13	29
Off-season vegetables	1	13	2	15	11	0	11	2	0	2	26	2	28
Nursery raising	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Organic farming)	1	5	12	17	0	6	6	0	1	1	5	19	24
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits													
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	15	6	21	8	1	9	1	0	1	24	7	31
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any(INM)	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants													
Nursery Management	1	13	2	15	11	0	11	2	0	2	26	2	28

Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	1	14	2	16	10	2	12	5	0	5	29	4	33
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	1	15	5	20	5	2	7	5	0	5	25	7	32
Post-harvest technology and value addition	1	13	3	16	10	2	12	1	1	2	24	6	30
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	2	22	0	22	13	0	13	0	0	0	35	0	35
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	3	29	0	29	7	0	7	0	0	0	36	0	36
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	1	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	1	29	0	29	2	0	2	0	0	0	31	0	31
Soil and Water Testing	2	20	3	23	5	4	9	7	4	11	32	11	43
Others, if any (Natural Farming)	1	8	0	8	1	5	6	0	0	0	9	5	14
IV. Livestock Production and Management													
Dairy Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed management	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	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	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
Income generation activities for empowerment of rural Women	1	14	2	16	10	2	12	5	0	5	29	4	33
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	13	2	15	11	0	11	2	0	2	26	2	28
VII. Plant Protection													
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries													
Integrated fish farming	1	0	17	17	0	8	8	0	0	0	0	25	25
Carp breeding and hatchery management	1	13	0	13	4	0	4	0	0	0	17	0	17
Carp fry and fingerling rearing	1	17	5	22	5	1	6	4	0	4	26	6	32
Composite fish culture & fish disease	1	15	0	15	4	0	4	0	0	0	19	0	19
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	2	23	2	25	6	0	6	10	0	10	39	2	41

Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	1	15	5	20	5	0	5	0	0	0	20	5	25
Others, if any	1	13	3	16	10	2	12	1	1	2	24	6	30
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**36**	**437**	**89**	**526**	**209**	**43**	**252**	**65**	**10**	**75**	**711**	**142**	**853**

D) RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	2	39	6	45	7	0	7	0	0	0	46	6	52
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming System	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	2	19	0	19	22	0	22	15	0	15	56	0	56
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	1	16	2	18	6	1	7	1	0	1	23	3	26
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
Enterprise development	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	2	20	3	23	5	4	9	7	4	11	32	11	43
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	1	5	10	15	5	5	10	5	2	7	15	17	32
Fish harvest and processing technology	1	14	6	20	6	0	6	0	0	0	20	6	26
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
Crop Residue management	0	0	0	0	0	0	0	0	0	0	0	0	0
Others (Natural farming)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**9**	**113**	**27**	**140**	**51**	**10**	**61**	**28**	**6**	**34**	**192**	**43**	**235**

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	2	31	3	34	9	2	11	2	1	3	42	6	48
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
Protected cultivation technology	1	20	5	25	5	0	5	0	0	0	25	5	30
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	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	20	0	20	5	0	5	0	0	0	25	0	25
Gender mainstreaming through SHGs	1	12	0	12	10	0	10	0	0	0	22	0	22
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Kitchen garden	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Residue management	0	0	0	0	0	0	0	0	0	0	0	0	0
Others (Natural Farming)													
TOTAL	**5**	**83**	**8**	**91**	**29**	**2**	**31**	**2**	**1**	**3**	**114**	**11**	**125**

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	4	49	9	58	26	5	31	6	0	6	81	14	95
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	3	66	0	66	22	0	22	0	0	0	88	0	88
Crop Diversification	3	34	8	42	28	7	35	6	3	9	68	18	86
Integrated Farming	1	15	0	15	8	0	8	0	0	0	23	0	23
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	3	34	0	34	31	0	31	17	0	17	82	0	82
Nursery management	1	15	0	15	8	0	8	0	0	0	23	0	23
Integrated Crop Management	1	25	0	25	1	0	1	0	0	0	26	0	26
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, (cultivation of crops)	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture	0	0	0	0	0	0	0	0	0	0	0	0	0
a) Vegetable Crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	2	62	0	62	3	0	3	0	0	0	63	2	65
Water management	1	14	3	17	4	0	4	1	0	1	19	3	22
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	3	33	14	47	22	3	25	3	0	3	58	17	75
Production of low volume and high value crops	2	26	10	36	7	5	12	1	0	1	34	15	49
Off-season vegetables	3	31	10	41	25	2	27	4	0	4	60	12	72
Nursery raising	2	20	5	25	14	6	20	4	0	4	38	11	49
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	1	14	3	17	4	0	4	1	0	1	19	3	22
Others, if any (Hydroponic)	2	30	12	42	0	6	6	0	1	1	30	19	49
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	1	14	2	16	3	0	3	1	0	1	18	2	20
Cultivation of Fruit	2	34	88	122	8	16	24	1	0	1	43	104	147
Management of young plants/orchards	1	12	5	17	3	0	3	0	0	0	15	5	20
Rejuvenation of old orchards	1	12	5	17	4	0	4	1	0	1	17	5	22
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0

Micro irrigation systems of orchards	1	14	2	16	3	0	3	1	0	1	18	2	20
Plant propagation techniques	2	20	5	25	14	6	20	4	0	4	38	11	49
Others, if any(INM)	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management	2	25	5	30	17	0	17	4	0	4	46	5	51
Management of potted plants	1	13	2	15	4	0	4	5	0	5	22	2	24
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	2	26	6	32	16	4	20	7	0	7	49	10	59
Processing and value addition	1	12	4	16	8	0	8	0	0	0	20	4	24
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and Management technology	1	12	4	16	8	0	8	0	0	0	20	4	24
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	1	15	5	20	5	2	7	5	0	5	25	7	32
Post-harvest technology and value addition	1	13	3	16	10	2	12	1	1	2	24	6	30
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil fertility management	3	59	5	64	25	3	28	0	0	0	74	8	82
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	5	83	0	83	9	0	9	0	0	0	92	2	94
Production and use of organic inputs	1	18	0	18	8	0	8	0	0	0	26	0	26
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	1	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	2	82	2	84	4	0	4	0	0	0	86	2	88
Soil and Water Testing	4	50	3	53	9	4	13	7	4	11	62	11	73
Others, if any	2	85	11	96	13	5	18	0	0	0	98	16	114
IV. Livestock Production and Management	0	0	0	0	0	0	0	0	0	0	0	0	0

Dairy Management	2	19	11	30	9	5	14	4	0	4	32	16	48
Poultry Management	1	9	3	12	5	2	7	3	0	3	17	5	22
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	1	12	3	15	10	2	12	2	0	2	24	5	29
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	1	10	12	22	10	19	29	0	0	0	20	31	51
Income generation activities for empowerment of rural Women	1	14	2	16	10	2	12	5	0	5	29	4	33
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	1	102	29	131	23	0	23	2	0	2	121	29	150
Others, if any	1	13	2	15	11	0	11	2	0	2	26	2	28
VII. Plant Protection	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 Disease	1	12	3	15	10	2	12	2	0	2	24	5	29

Management													
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated fish farming	2	31	20	51	3	9	12	2	0	2	36	29	65
Carp breeding and hatchery management	3	35	0	35	17	0	17	5	2	7	57	2	59
Carp fry and fingerling rearing	2	35	5	40	14	1	15	9	0	9	58	6	64
Composite fish culture & fish disease	2	27	0	27	12	0	12	4	0	4	43	0	43
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	3	41	2	43	12	0	12	12	0	12	65	2	67
Hatchery management and culture of freshwater prawn	2	30	0	30	20	0	20	5	0	5	55	0	55
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	1	20	0	20	10	0	10	0	0	0	30	0	30
Fish processing and value addition	2	35	5	40	17	0	17	0	0	0	52	5	57
Others, if any	2	25	3	28	18	2	20	5	1	6	48	6	54
IX. Production of Inputs at site	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0

Formation and Management of SHGs	2	34	2	36	14	0	14	0	0	0	48	2	50
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI. Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**61**	**1571**	**333**	**1904**	**599**	**120**	**719**	**142**	**12**	**154**	**2290**	**469**	**2759**

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	8	59	184	243	7	15	22	0	1	1	66	200	266
Bee-keeping	2	74	0	74	11	0	11	0	0	0	85	0	85
Integrated farming	1	33	0	33	4	0	4	0	0	0	37	0	37
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	1	15	6	21	4	0	4	5	0	5	24	6	30
Integrated Farming system	2	38	2	40	11	0	11	3	0	3	52	2	54
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	2	24	0	24	1	2	3	0	0	0	25	2	27
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	1	14	0	14	10	0	10	6	0	6	30	0	30
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	2	27	11	38	13	2	15	2	0	2	42	13	55
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	2	18	32	50	6	5	11	1	1	2	25	38	63
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	2	44	6	50	7	0	7	2	0	2	53	6	59
Sheep and goat rearing	2	30	31	61	11	8	19	0	1	1	41	40	81
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	1	23	3	26	8	2	10	0	0	0	31	5	36
Ornamental fisheries	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
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	1	5	10	15	5	5	10	5	2	7	15	17	32
Fresh water fisheries	2	37	9	46	7	0	7	1	0	1	45	9	54
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	1	15	2	17	9	2	11	4	1	5	28	5	33
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
Crop Residue management	1	27	0	27	12	0	12	0	0	0	39	0	39
Others (Natural farming)	2	63	8	71	8	0	8	1	0	1	72	8	80
TOTAL	**37**	**616**	**300**	**916**	**159**	**43**	**202**	**53**	**10**	**63**	**828**	**353**	**1181**

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	3	49	7	56	12	2	14	2	1	3	63	10	73
Value addition	1	15	5	20	5	2	7	5	0	5	25	7	32
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	1	20	5	25	5	0	5	0	0	0	25	5	30
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	14	2	16	10	2	12	5	0	5	29	4	33
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	1	10	6	16	1	0	1	0	0	0	11	6	17
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	1	20	0	20	5	0	5	0	0	0	25	0	25
Production and use of organic inputs	2	39	0	39	11	0	11	0	0	0	50	0	50
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi compost production	1	0	28	28	0	15	15	0	0	0	0	43	43
Kitchen garden	1	0	9	9	0	1	1	0	0	0	0	9	9
Crop Residue management	1	27	0	27	0	0	0	0	0	0	27	0	27

Others (Natural Farming)													
TOTAL	**13**	**194**	**62**	**256**	**49**	**22**	**71**	**12**	**1**	**13**	**255**	**84**	**339**

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Crop production			1	Off / On	331	36	367	60	7	67
Horticulture			2	Off / On	243	49	292			
Fisheries			2	Off / On	548	37	585	120	65	185
Soil Health and Fertility Management			1	Off / On	146	48	194	70	24	94
Livestock Production and Management			1	Off / On	73	26	99	10	2	12
Home Science/Women empowerment			1	Off / On	54	10	64	8	3	11
Agril. Engineering			2	Off / On	42	6	48	5	2	7
Platn Protection			1	Off / On	24	5	29	5	3	8

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Fish	Fish farming	Fresh Water Fish farming	07	26	02	28	Bio-flock	01	01	-
	Production Management	Vegetable production	07	30	02	32	Marketing	02	02	-
Soil	Soil testing	Soil tensting & Its importance	07	31	0	31	-	-	-	-
Fish feed	Feed management	Fish feed preparation & management	05	40	11	51	-	-	-	-
Mushroom	Mushroom prod	Mushroom production (Oyster & Button)	05	9	31	40	-	-	-	-

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

I) Sponsored Training Programmes

Sl.	Title	Thematic area	Month	Duration (days)	Client PF/RY/EF	No. of courses	No. of Participants									Sponsoring Agency
							Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total

1	Medicinal Plants cultivation & marketing	Crop production	Aug 22	1	PF	1	31	13	0	18	15	-	49	28	0	77	IIMP, Srinagar
2	Crop Residue management	PHT	Sept 22	1	PF	1	29	4	0	0	0	0	29	4	0	33	ATMA, Buxar
3	Krishak Vaigyanik Varta	Crop production	Sept 22	2	PF	1	21	5	0	0	0	1	21	5	1	27	ATMA, Rohtas
4	Custom Hiring	Farm machinery	Nov 22	2	EF	1	2	2	0	20	2	0	22	2	0	24	DAO, Rohtas
5	Crop Residue Management	PHT	Nov 22	3	EF	1	26	1	0	1	0	0	26	1	0	27	BAMETI Patna

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops										
Commercial production of vegetables	1	31	18	49	13	15	28	44	33	77
Production and value addition										
Fruit Plants										
Ornamental plants										
Spices crops										
Soil health and fertility management										
Production of Inputs at site										
Methods of protective cultivation										
Other										
Total	**1**	**31**	**18**	**49**	**13**	**15**	**28**	**44**	**33**	**77**
Post harvest technology and value addition										
Processing and value addition										
Other (Crop Residue Management)	2	55	1	56	4	1	5	59	2	61
Total	**2**	**55**	**1**	**56**	**4**	**1**	**5**	**59**	**2**	**61**
Farm machinery										
Farm machinery, tools and implements	1	2	20	22	2	0	2	4	22	24
Other										
Total	**1**	**2**	**20**	**22**	**2**	**0**	**2**	**4**	**22**	**24**
Livestock and fisheries										
Livestock production and management										
Animal Nutrition Management										
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Other										
Total										

Home Science										
Household nutritional security										
Economic empowerment of women										
Drudgery reduction of women										
Other										
Total										
Agricultural Extension										
Capacity Building and Group Dynamics	1	21	0	25	5	1	6	26	1	27
Other										
Total	**1**	**21**	**0**	**25**	**5**	**1**	**6**	**26**	**1**	**27**
Grand Total	**6**	**111**	**59**	**174**	**26**	**17**	**43**	**137**	**80**	**213**

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST	M	F	Total	M	F	Total
Kisan Mela Organized	1	140	65	205	15%	12	1	13	152	66	218
Kisan Mela Participated	3	312	86	398	18%	14	2	16	316	88	404
Field Day	20	882	198	1080	28%	12	2	14	894	200	1094
Kisan Ghosthi	4	180	20	200	10%	20	2	22	200	22	222
Exhibition organized	1	120	30	150	10%	3	0	3	123	30	153
Participated in exhibition											
Film Show	5	130	70	200	10%	10	1	11	140	71	211
Method Demonstrations	2	35	45	80	10%	1	0	1	36	45	81
Farmers Seminar	1	150	30	180	10%	2	0	1	152	30	181
Workshop	2	130	20	150	10%	0	0	0	130	20	150
Group discussion	5	90	60	150	10%	5	0	5	95	60	155
Lectures delivered as resource persons	15	458	100	558	20%	22	3	25	480	103	583
Advisory Services	12	1500	300	1800	20%	20	0	20	1520	300	1820
Scientific visit to farmers field	100	760	300	1060	20%	2	0	2	762	300	1062
Farmers visit to KVK	1300	1000	300	1300	20%	0	0	0	1000	300	1300
Diagnostic visits	30	150	30	180	20%	3	0	3	153	30	183
Exposure visits	2	85	15	100	20%	0	0	0	85	15	100
Ex-trainees Sammelan	1	60	10	70	15%	0	0	0	60	10	70
Soil health Camp	2	30	35	65	10%	5	0	5	35	35	70
Animal Health Camp	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
Soil test campaigns	1	45	5	50	20%	3	0	3	48	5	53
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	2	5	160	165	15%	3	1	4	8	161	169
MahilaMandals Conveners meetings	1	0	60	60	15%	1	0	1	1	60	61
Special Programmes (specify)	8	200	480	680	20%	10	5	15	210	485	695
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	10	150	75	225	10%	3	1	4	153	76	229
Celebratoin of important date											
Any Other (Specify)	0	0	0	0	0	0	0	0	0	0	0

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	86
Radio talks	01
TV talks	05
Popular articles	4
Extension Literature	10
Other, if any	0

C. Celebration of important days

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 (26th Jan.)	1	46	15	61	5%	9	0	9	55	15	70
International Women's Day (8th Mar.)	1	7	90	97	7%	4	1	5	11	91	102
Ambedkar Jayanti (14th Apr.)	0	0	0	0	0	0		0	0	0	0
International Yoga Day (21st Jun.)	1	15	4	19	10%	3	1	4	18	5	23
Independence Day (15th Aug.)	1	35	6	41	5%	9	1	10	44	7	51
Parthenium Awareness Week (16th to 22nd Aug.)	3	167	10	177	7%	3	0	3	170	10	180
Hindi Diwas (14th Sep.)	0	0	0	0	0	0	0	0	0	0	0
Gandhi Jayanti (2nd Oct.)	1	20	5	25	12%	9	1	10	29	6	35
Mahila Kisan Diwas (15th Oct.)	1	6	25	31	11%	2	0	8	6	25	31
World Food Day (16th Oct.)	0	0	0	0	0	0	0	0	0	0	0
Vigilance Awareness Week (27th Oct. to 2nd Nov.)	0	0	0	0	0	0	0	0	0	0	0
National Unity Day (31st Oct.)	1	31	6	37	7%	6	2	8	37	8	45
World Science Day (10th Nov.)	0	0	0	0	0	0	0	0	0	0	0
National Education Day (11th Nov.)	0	0	0	0	0	0	0	0	0	0	0
National Constitution Day (26th Nov.)	2	43	8	51	8%		5	1	43	13	56
World Soil Day (5th Dec.)	1	75	35	110	10%	3	13	16	78	48	126
Kisan Diwas (23rd Dec.)	1	70	5	75	11%	22	5	27	92	10	102

D. Interaction/Live telecast programme of Hon'ble PM/Hon'ble AM

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total
1	01.01.2022	Pradhan Mantri Kisan Samman Nidhi	Interaction of Hon'ble PM	114	9	0	123
2	31.05.2022	Garib Kalyan Abhiyan Shat Pratishat Sashaktikaran	Interaction of Hon'ble PM	162	9	0	171
3	16.07.2022	94th ICAR Foundation Day	Interaction of Hon'ble AM	70	9	0	79
4	17.10.2022	Pradhan Mantri Kisan Samman Nidhi	Interaction of Hon'ble PM	150	9	0	159

3.5 a. Production and supply of Technological products : N.A.

Village seed

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

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Wheat	HD-2967	52.0	234000.00	23	02	80	105
	DBW-187	43.6	209280.00	20	03	60	93
Potato	K.Ashoka	9.0	28800.00	-	-	-	-
Linseed	Kota Alsi-6	6.47	32800.00	05	02	15	22
Chickpea	GNG-2299	6.0	165600.00	21	03	42	68
Grand Total			**670480.00**				

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower	Sabour agrim, Hybrid-13	41456	3800	4	2	46	52
Cabbage							
Tomato	Kashi vishesh,	40750	3800	5	2	43	50
Brinjal	Pusa purple long, Sabour Sadabahar	12840	600	4	2	34	40
Chilli	pusa jawala,vnr	3512	300	3	1	30	34
Fruits							
Lime	Kagaji	100	4000	2	1	7	10
Papaya	Red lady, Pusa Nanha	4000	20000	6	2	13	20
Banana	G-9, Battisa	50	750	4	1	5	10
Mango	Amprapali, Shukul, Sipiya, Alfanso	1000	70000	26	5	69	100
Ornamental plants							
Medicinal and Aromatic	Lemon grass, Khas, Satawar, Aloe vera	-	-	-	-	-	-
Plantation							
Spices							
Turmeric							
Tuber							
Elephant yams	Gajendra	70kg	2100	1	0	5	6
Fodder crop saplings							
Forest Species	Kari patta, Neem	1000	-	4	2	19	25
Others, pl.specify	Jamun, Guldauli	1000	-	7	3	40	50

Total							

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted			
			SC	ST	Other	Total
Bio-fertilizers	0	0	0	0	0	0
Bio-pesticide	10 lit.	-	1	0	6	7
Bio-fungicide	10 lit.	-	1	0	6	7
Bio-agents	0	-	-	-	-	-
Others, please specify.Vermi compost	5277	31662	12	0	30	42
Total						

Production of livestock materials:

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows (Milk Sale)	Shahiwal & Gir	02	75000	5		8	13
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat							
Other, please specify							
Poultry							
Broilers							
Layers							
Duals (broiler and layer)							
Japanese Quail							
Turkey							
Emu							
Ducks							
Others ()	Kadaknath	50	20000	5	0	25	30
Piggery							
Piglet							
Hog							
Others (Pl. specify)							
Fisheries							
Indian carp	Jayanti rohu	0.6 lakh	0.55				
Exotic carp							
Mixed carp							
Fish fingerlings	Improved catla	0.2	0.34				
Spawn							
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 :	Dr. Ratan Kumar, SMS (Horticulture)
Address :	KVK, Rohtas, Bikramganj
e-mail :	ratantat977@gmail.com
Phone No. : Mobile :	06185-222800 9472542844

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed(F/S, C/S)
Kharif 2022	0	0	0	0	0	0
	0	0	0	0	0	0
Rabi 2021-22	Chick pea	GCP-105	8	8.5	68	C/S
	Linseed	Sabour Tisi	8	6.0	8	C/S
Summer/Spring 2022	0	0	0	0	0	0

iii) Financial Progress

Fund received (2018-19 and 2020, 2020)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2018-19	-	19.10	75.12	
2019-2020	-	25.41	71.31	
2020-2021 (Till 31.12.2021)	-	6.50	65.57	

iv) Infrastructure Development

Item	Progress
Seed processing unit	*One Seed processing unit is already functional at KVK -Farm and Seed storage structure is available at KVK-Farm.*
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper	Effect of INM Practices on performance of Early Cauliflower and Soil Nutrient Status	Rama Kant Singh, Rabindra K. Jalaj, Pankaj Kumar and Ratan Kumar	Res. Jr. of Agril. Sci. (2022) 13: 280-285 P-ISSN: 0976-1675	
Seminar/conference/ symposia papers				
Books				
Bulletins				

News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature				
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:

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Entrepreneurship through utilization of underutilized vegetables crops	Winter school		18 Feb-11 March, 2022	SKNA Univ. Jobner
2.	CMS Training	HRD	Mr. H.P. Sharma, P.A. Computer	04 May, 2022	ATARI, Patna
3.	Advance technology in potato crop	HRD	Dr. Ratan Kumar, SMS (Horticulture)	24-27 Feb, 2022	CIP, Karnal
4.					

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

Name of farmer	**Arvind Singh**
Address	**Vill. Itma, Block- Karakat, Rohtas**
Contact details	8709769858
Landholding (in ha.)	11.0
Name & description of the farm/	Fish pond

enterprise	
Economic impact	The farmer used to get annual income of Rs. 190327 from Paddy, Wheat, Chickpea, Mustard etc. in year 2017-18. He faced problems like low yield variety, quality seed, disease problems etc. With DFI interventions like suitable seed variety, quality seed, pond unit etc., he is getting annual income of Rs.620580 in year 2021-22. In addition, there is cost saving of Rs. 3500 in wheat cultivation through zero tillage.
Social impact	In Rice-Wheat cropping system, fallow situation is a major concern in the Rohtas district. To combat with this, he turned towards fish farming and earned a handsome money. Farmers of the nearby blocks impressed to observed his venture and adopted the same. A number of farmers earning by fish farming in the block.
Horizontal/ Vertical spread	This is the new technique for the farmers of block. There will be sufficient horizontal spread in coming season of 2022-23.

Before intervention

Components	Names	Area (Acre)/No.	Production (Q/Liter/No.	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	11	171.6	252252	106502
Field Crop 2	Wheat	9	81	131625	68625
Field Crop 3	Chick pea	2	6.8	27200	15200
Total				**411077**	**190327**

After Intervention

Component Description		**Period 2021-22**			
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	10	180	336240	176240
Field Crop 2	Wheat	7	78.4	154840	105840
Hort. Crop 1	Chick pea	1	5	25500	18500
Livestock 2	Fish Pond	2	40	720000	320000
Total				**1236580**	**620580**

PHOTOGRAPHS

3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

Sl. No.	Name/ Title of the technol.ogy	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology
1	Crop residue management	Indu Rai	Preparation of straw bale

3.9. a. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1	Paddy and pulse crop	Neem seed treatment	To preserve rice and pulse .

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1.	Cauliflower	2.0	350.00	05	Y
2	Chilli	1.0	300.00	02	N
3	French bean	1.0	280.00	04	N
4	Potato	10.0	350.00	04	Y
5	Tomato	25.0	450.00	10	Y
6	Broccoli	1.0	275.00	04	Y
7	Capsicum	2.0	250.00	04	Y

3.10. Indicate the specific training need analysis tools/methodology followed by KVKs

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	PRA Method	For training need assessment
2	Personal meeting	
3	Questionnaire	
4	Personal Interview	
5	Survey Method	
6	Kisan Chaupal	

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

Sl. No	Name of the Equipment	Qty.
1	Soil core sampler with one set of 10 core boxes	01
2	Double Ring infiltrometer apparatus	01
3	Test Sieves 8" Dia brass frame	01
4	Flame Photometer	01
5	Calorimeter	01
6	pH meter	01
7	Conductivity meter	01

8	Multi Heating flame	01
9	Heating plate	01
10	Incubator	01
11	Distillation Unit	01
12	Combined Electrodes	01
13	Gas Cylinder	02
14	Oven	01
15	Flask Shaker	01
16	Soil Testing Kit (Mridaparikshak)	01

3.11.b. Details of samples analyzed so far:

Number of soil samples analyzed		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
-	1631	1631

3.11.c Detail of Soil, Water and Plant analysis at KVK

Sl.	Analysis	No. of Samples analyzed	No. of Villages	No. of Farmers	Amount realized (Rs.)
1.	Soil	1631	95	1406	2,00,060.00
2.	Water				
3.	Plant				
4.	Fertilizers				
5.	Manures				
6.	Food				
7.	Others (if any)				

3.11.d. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1	Scientist Farmer's interaction of importance of Soil sample analysis & use of organic manure of soil fertility. Methods of soil samples collection	126	2	Mr. Sunil Kumar, DDM, NABARD, Rohtas Mr. Anupam Shrivastav, Manager ITC, Rohtas	65	110

3.12. 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 (No.)	Visit by the officials (No.)

01	00	2000	100	02

3.13. Technology week celebration : Not Applicable

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

3.14. RAWE/ FETprogramme - is KVK involved? (Y/N): Yes

No. of student trained	No of days stayed
51	120

ARS trainees trained	No of days stayed
0	0

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

Date	**Name of the person**	**Purpose of visit**
22.02.2022	Dr. Arvind Kumar, AD, DRD, GoI, Patna	Monitoring of ongoing activities of KVK
26.08.2022	Shri Sudhir Kumar Rai, DAO, Rohtas	SAC Meeting
26.08.2022	Dr. R.N. Singh, ADEE, BAU, Sabour	SAC Meeting
26.08.2022	Shri Santosh Kumar, ADPP, Rohtas	SAC Meeting
26.08.2022	Shri Saurabh Kumar, Dy Project Director, ATMA	SAC Meeting
26.08.2022	Shri Madhurendra Kumar Singh, SDAO, Bikramganj	SAC Meeting
26.08.2022	Shri Indrajeet Kumar, AD (Agronomy) Farm	SAC Meeting
26.08.2022	Mrs. Sambhavana, SADO, Sasaram	SAC Meeting
26.08.2022	Mrs. Pratima Kumari, SADO, Dehri	SAC Meeting
02.04.2022	Shri Anil Kumar Jha, Dy Director (Agronomy) CRA, Deptt. of Agriculture, GoB, Patna	To monitor the ongoing activities of KVK Rohtas and CRA project.
28.07.2022	Shri Dharmendra Kumar, District Magistrate, Rohtas	To monitor ongoing activities of KVK Rohtas and KVK Farm at Dhangain.

4. 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)
1. Single Seedling Transplanting of Paddy	250	80% of paddy area (1.6 lakh ha)	40	65
2. SRI- Method of Paddy transplanting	160	10% of total paddy area	65	120
3. ZTT in wheat sowing	190	60% of total wheat area (90,000 ha)	20.5	23.50

4. Rejuvenation of Guava Orchards	100	40% of total Guava area (260 ha)	362.5	400
5. Drudgery Reduction Technology for farm-women (Naveen Sickle)	180	30% area coverage i.e. 15000 Ha	-	-
6. Waste material management through vermi-composting	220	400 farmers utilizing waste materials worth of 60.00 lakhs Rupees.	-	-
7. Mushroom Production for women's empowerment	550	10% of small & landless family	-	-
8. Value addition for women's empowerment (Fruit/Veg.)	250	Adoption: 10%	03 SHGs (No. of SHGs involved)	20 SHGs
9. Paddy Transplanter for labour saving	90	Adoption : 60 Ha.	-	-
10. Urea-saving in paddy through Urea-incubated Vermi-compost for soil health improvement.	150	Adoption :5% area under paddy cultivation i.e. 10000 Ha.	160 (Kgs.) (Urea/Ha. in top-dressing)	120 (Kgs.) (Urea/Ha.)

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

4.2.Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
DSR	20%
Nursery Business Enterprise	10%
Crop diversification through mentha cultivation	20%
Green Manuring in Kharif Paddy	10%
Waste material management through vermi-composting	15%
Crop residue management	10%
Adoption of Goatery & Poultry for livelihood security	20%
Mushroom production	30%
Custom hiring	10%
Organic vegetable cultivation	25%

Give information in the same format as in case studies

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

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

4.4. Details of innovations recorded by the KVK

Development of NBE Model

KVK, Rohtas introduced Nursery Business Enterprise (NBE) model in the district in Kharif season 2017.The programme was initiated in collaboration of KVK-CSISA-Jeevika-Kisan club-District Agriculture department. The model has potential to advance the Rabi sowing and introduce the new promising variety of paddy which may fetch them very remunerative price. Other benefits of the model are as follows:

1. It advances the average paddy transplanting by 25-30 days
2. It advances the age of transplanted seedlings from 45 to 30 days
3. It advances rice harvesting by 15-20 days
4. It advances the wheat sowing by 15-18 days
5. Average paddy yield increased by 342-762 kg/ha
6. Additional income of Rs 21000/ acre in off-time
7. Seed saving 300% and in nursery area by 90 %
8. Provide healthy seedling at cheaper price to small and resource poor farmers

- **Promoted Nursery Business in two villages – Derhgaon and Masona.**
- **KVK, Rohtas prepared paddy nursery and farmers already booked for 10 acre and booking is still going on.**
- **Paddy Seedling has been provided to 100 Migrant labourers and**
- **130 mandays for transplanting at Farm has also been generated for migrant labourers in year 2020.**
- **Transplanting With this model @5200/ha**
- **Conventional @6400/ha (Saving 1200/ha)**

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Gardener
Name & complete address of the entrepreneur	Subodh Kumar, Vill.-Ghusiyakhurd, Bikramnganj
Role of KVK with quantitative data support:	1. KVK provided BSDM Gardener training for 43 days 2.To give information regarding job related with domain subject in different parts of the country. 3. To give technical guidance in establishment of the venture. 4. Follow up and linkage with job institution.

Timeline of the entrepreneurship development	06 months
Technical Components of the Enterprise	1. Grafting 2. Bonsai cultivation 3. Different types of garden maintenance. 4. High value of exotic plants handling 5. Personality development.
Status of entrepreneur before and after the enterprise	Working as Gardener in Hotel Taj at New Delhi previously he was unemployed youth.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	The paid job was totally attended using his skill wit and personality development .presently he is getting a handsome salary of 4 lakhs per year as a gardener.
Horizontal spread of enterprise	Role model for rural unemployed youths

4.6. Any other initiative taken by the KVK

KVK, Rohtas model for preventing crop residue burning and earning.

KVK, Rohtas had developed a successful model of earning from paddy straw. First the left over paddy straw from field were collected and then sold to COMFED, Ara for using as cattle feed. Rohtas is an agrarian district in Bihar. Paddy is the main crop of Rohtas district, which is cultivated in approximately one lakh ha area. The major variety is MTU 7029, which is cultivated in around 80% area of the district. Production (8.1 lakh ton) and productivity (4105 kg/ha) of rice is highest in Rohtas district of Bihar.Paddy production is the main source of income among the farmers which is exclusively grown in*kharif* season.Rohtas district is highly advanced in farm mechanization as compared to other districts of Bihar. The harvesting of paddy is done mainly by combine harvester in 90 % area of district.Since, Long duration paddy variety is cultured and harvesting of rice is delayed up to 15 December.Farmers are always in great hurry to sow the next Rabi crop. Combines cut the grainy part of the paddy plant and leave about 30 cm of stem part in the field. Crop residue is the non-edible plant parts that are left in the field after harvest. A large portion of the residues is burnt on-farm primarily to clear the field for sowing of the succeeding crop. The problem of on-farm burning of crop residues is intensifying in recent years due to shortage of human labour, high cost of removing the crop residues by conventional methods and use of combines for harvesting of crops. The problem is more severe in the irrigated agriculture, particularly in the mechanized rice-wheat system.The farmer either has to manually carry the left over straw, use some machine, practice in-situ management, or burn it. Among these, burning is the easiest and most cost effective option for them. Management of rice straw, rather than wheat straw is a serious problem, because there is very little turn-around time between rice harvest and wheat sowing and due to the lack of proper technology for recycling. The straw burning during December and January months is the prime factor of pollution to the environment. The residue burning is extremely hazardous for the environment, soil and

the people. The sad part is its ever increasing area every year. There was a need of alternative option to solve the paddy residue burning.

KVK Rohtas has adopted five villages of the district under Climate Resilient Agriculture Technology project (CRA). The project was funded by Bihar government and monitored by Bihar Agricultural University, Bihar. Work under CRA program has been started during Rabi 2020. The problem of straw burning has also been tried to tackle through available technology by KVK, Rohtas. Round straw baler has been introduced first time in the district in one of the village of CRA. The left over straw after paddy harvesting is collected through this machine. This machine makes the round bundle of paddy straw weighing around 20-25 kg. The straw bundle of round straw baler is soft and free from dust particles. It can be easily opened with the one cutting in rope and using minimal labour. The straw is highly acceptable for animal feed making. Even the raw straw is very much acceptable by animals. It can be stored and transported easily. The Collection of left over paddy straw although can be collected by square straw baler but the straw became highly compact and not easy for fine cutting for animal feed. The raw material is abundant in the district. Straw bundle, during flood and drought will certainly be handy for the farmers as animal fodder. There is also a huge demand for straw in mushroom production, biofertlizer production and crockery production.

Round straw baler is also cost effective and income generative technology. The machine cost is around 3.5 lakh, and with 80% subsidy (by Bihar govt.), it is available at only Rs. 70,000/- to farmers. The running cost of machine is around Rs.1800/acre only. Total 14-16 quintal of paddy straw was collected from 1 acre area. Total value of collected straw at site was Rs. 2/kg while the total cost involved was Rs. 1.5/kg.KVK, Rohtas had collected paddy straw from 25 acre area in CRA village and total 35 ton of paddy straw were stored in godown. The market price of finally chopped paddy straw become around Rs. 5000-6000/quintal after few months. However, KVK Rohtas had sold 15 ton straw bale to COMFED, Ara at reasonable rates.

Round straw baler is good option for income generation as well as good alternative forpreventing paddy straw burning.Baling the residues into round bales is the important step in handling crop residue for other applications such as animal feeding, fuel and fiber for paper manufacturing. Two new entrepreneurs of this district have also come up for adopting the model. The district will certainly be a leader in preventing crop residue burning in coming years.

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Rabi and Kharif Mahotsav	Transfer of new Agricultural. Technologies
Demonstrations	Demonstrate the recommended technology at farmer is field
Farmer Scientist Interaction	Identification of field problem and their solution at their farmer field
Kisan Mela	Awareness Programme
Kisan Gosthi	Making farmers aware about latest technologies
ATMA group at block level	Capacity building
Field day	Demonstrating the validity and location specificity of the technology
Exposure visit	Exposure of farmers at state and district level
Training	Practicing farmer & rural youths
BSDM Training	Skill development training programme
Training of farmers	Transfer of new Horticultural Technology
Training of farmers	Technology dissemination
Exposure visit	Transfer of Technology
SHG (DRDA)	Transfer of Technology
Kisan club	Transfer of Technology
FPO (09 Nos.)	Transfer of Technology
DAO, DHO, DSCO,	Training, Kisan Goshti, Kisan mela, Capacity building & Diagnostic survey
BAU/DRPCU/BASU	Technical support
District administration & District Ag. officer	Training & Planning prog.
IFFCO, KRIBHCO, UPL, IPL, Tata Chemicals etc.	Demonstration & Kisan Goshthis
DRDA , Rohtas	Training purpose
NGOs, Women Development Corporation	Training Programme, Gosthi & Mela
IARI Post Office Linkage	Demonstration of new technology
IARI, Pusa, Samastipur	Seed production and training
Jeevika	Training and demonstration, Capacity building programme
CSISA-CIMMYT	Technology demonstration
ICAR-RCER, Patna	Technical support
PPV & FRA	Plant variety registration of farmers
NIAM, Jaipur	Marketing awareness programme
EWI	Capacity development programme of Elected women representatives of PRI members

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.)
Azolla Unit	Demo unit	July, 2022	State Govt.	6000
Vermicompost unit	Demo unit (Dhangain)	Nov. 2022	State Govt.	12000
Hydroponic unit	Demo Unit	Oct. 2022	ICAR	3500

(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.)
Krishak Vaigyanik Varta	Kharif season crop plan	July 22	ATMA, Rohtas	20000
Krishak Vaigyanik Varta	Kharif season crop plan	July 22	ATMA, Rohtas	20000
Parali Prabandhan	Crop residue management	Aug. 22	ATMA, Buxar	75000
Nursery raising	Vegetable and fruit plant nursery raising	Dec 22	Jeevika, Rohtas	65000

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/ breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Vermicompost	2013	200	-	Vermicompost	78.46	16000	47076	30 qtl. under production
				Eisenia fetida	Worms	43	0	21500	Availale in unit
2.	Azolla	2021	12	Azolla Pinata	Azolla	15	6000	-	Demonstrated to farmers
3.	Biochar Unit	2021	15	-	Biochar	89.5	5000	27000	
4.	Mushroom	2013	200	Oyster	Mushroom	1.2	4500	18750	
5.	Mushroom Spawn Lab	2014	150	Oyster	Spawn	10	45000	110100	
6.	Soil Lab	2013	200		SHC	1631		404600	
7.	Mentha Distillation Unit	2015	200	Nil	Nil	Nil	Nil	Nil	Shade is not available
8.	Fruit & Veg. processing Unit	2014	200						
	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.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	06.06.22	21.11.22	4.0	S. Sampan	F/S	274.0	2,00,000	11,50,800	
	17.06.22	09.11.22	3.0	R.Sweta	F/S	110.0	1,50,000	4,73,000	
Wheat	06.10.21	06.04.22	3.0	HD2967	C/S	52.0	1,50,000	2,34,000	
	12.10.21	08.04.22	2.0	DBW187	F/S	43.60	1,00,000	2,04,920	
Chick pea	11.10.21	09.04.22	1.0	GNG2299	F/S	15.32	1,00,000	1,71,584	
Linseed	07.10.21	08.04.22	1.0	Kota Alsi-6	F/S	4.10	10,000	29,520	
Potato	12.11.21	05.4.22	0.12	K.Khyati	C/S	9.0	10,000	27,000	

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermicompost	78.46	16000	47076	50 qtl. under production
2	Worms	43	0	21500	40 Kg. Availale in unit
3	Azolla	15	3000	-	Demonstrated to farmers
4	Biochar Unit	89.5	5000	27000	-
5	Waste Decomposer	4000 lit.	20	8000	800 litre available in KVK Demonstrated to farmers

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.	Poultry	Kadaknath	-	30	5500	12000	
2.	Goatery		-	160	21000	80000	
3.	Fish	Improved Catla	Fingerlings	50000	48000	250000	

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)
01 Jan -31 Dec 2022	3625	90	Rs.145000.00 (Income)
Total :	3625	90	

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:
No. of staffquarters:
Date of completion:
Occupancy details:

Months		Q I	Q II	Q III	Q IV	Q V	Q VI
Oct, 2020	Dr. Ratan Kumar (SMS, Horticulture)		Y				
June, 2018	Scientist Qtr (Mr. P.K. Patel)		Y				
	Farm Manager Qtr (Vacant)						
	Programme Coordinator (Vacant)						
	Supporting staff (Vacant)						
	Supporting staff (Vacant)						

7. FINANCIAL PERFORMANCE

7.1.Details of KVK Bank accounts

Bank account	**Name of the bank**	**Location**	**Account Number**
RAU Unit KVK Bikramganj	State Bank of India	Bikramganj	11380836324
Revolving Fund A/c KVK, Bikramganj	State Bank of India	Bikramganj	30529583348

7.2. Utilization of funds under CFLD on Oilseed *(Rs. In Lakhs) 2020-21*

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Mustard		3.00		2.31	0.69
Linseed		1.00		0.73	0.27

7.3.Utilization of funds under CFLD on Pulses *(Rs. In Lakhs)2020-21*

Item	Sanctioned by ICAR			Expenditure			Unspent balance as on 31.12.2022
	Kharif	Rabi	Summer	Kharif	Rabi	Summer	
Pigeon pea	1.80			1.54			0.26
Chick pea		1.80			1.79		0.01
Field pea		1.80			1.74		0.06
Lentil		1.80			1.51		0.29
Green gram			1.80				1.80

7.4. Utilization of KVK funds during the year *2021-22* (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	88,69,797.00	88,69,797.00	65,79,330.00
2	Traveling allowances	1,00,000.00	1,00,000.00	86,998.00
3	**Contingencies**			
a	HRD	15,000.00	15,000.00	6,000.00
b	Office CNC	2,00,000.00	2,00,000.00	1,87,200.00
c	Training	4,00,000.00	4,00,000.00	1,82,030.00
d	FLD			26,950.00
e	OFT			23,542.00
f	Maintenance building			29,000.00
g	SCSP General	1,25,746.00	1,00,000.00	95,244.00
4	CSISA	1,00,000.00	1,00,000.00	86,825.00
5	Natural Farming	2,67,800.00	2,67,800.00	2,06,850.00

B. Non-Recurring Contingencies				
1	SCSP Capital	2,25,000.00	1,46,250.00	1,20,178.00

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
2019-20	75.12	19.10	22.37	71.85
2020-21	71.85	25.41	25.95	71.31
2021-22	71.31	26.50	19.39	78.42
2022-23 (31 Dec 22)	78.42	19.12	22.89	74.65

7.6. (i) Number of SHGs formed by KVKs : 04

1. **Name of the federation : Sapna Nari Shakti Mahila Swabalambi Sahakari Samiti.**
2. **Year of establishment : 2006**
3. **Year of linkage : 2007-08**
4. **No. of SHG under federation : 889 groups with 16720 women.**
5. **Activities :**

Year	Groups under federation		Linkage with KVK (groups)
	No. of groups	No. of women	
2007-08	100	1300	05
2008-09	200	2500	10
2009-10	300	3800	13
2010-11	400	5500	16
2011-12	600	6800	18
2012-13	711	8500	20
2013-14	766	9312	24
2014-15	780	11040	29
2015-16	796	11090	33
2016-17	805	12002	36
2017-18	822	12950	42
2018-19	845	13205	47
2019	868	15902	53
2020	889	16720	55
2021	893	16870	57
2022	901	17503	61

7.7. Joint activity carried out with line departments and ATMA

Nameof activity	Number of activity	Season	With line department	With ATMA	With both
Training	16	Kharif		ATMA	
Training	12	Kharif	Jeevika		

Training	15	Rabi		ATMA	
Training	02	Kharif	DAO, Rohtas		

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
Sheath Blight	Paddy	1st week of Aug.	50000	6	Use of Validamycine @ 400ml/acre
Late Blight	Potato	1st Week of Jan.	10000	10	Redomil @ 1 ml/lit. of water
Fruit Borer	Brinjal & Tomato	1st of Feb. & March	10000	15	Perpenophos 2 ml./lit. of water &SAAF 2gm./lit. of water

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)
FMD	Cattle	May- June	5-10% / 80-90%	20000	Timely Vaccination
PPR	Goat	November-December	85-90% / 90%	15000	Timely Vaccination
EUS	Carp fish	Dec-Jan.	50-60%	-	Preventive water sanitizer application

9.1. Nehru YuvaKendra(NYK) Training : N.A.

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

9.2. PPV & FR Sensitization training Programme

Date of organizing the programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration
16.04.2022	Dr. Prakash Singh	71	Chickpea	in pipeline
			Rice	

9.3. ***mKisan***Portal (National Farmers' Portal/ SMS Portal)

Type of message	No. of messages	No. of farmers covered
Crop	0	17421
Livestock	0	0

Fishery	1	17412
Weather	0	0
Marketing	3	52236
Awareness	1	17210
Training information	3	17412
Other	1	17210
Total	9	138901

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	*14623*
2.	No. of farmers registered in the mKisan portal	*18023*
3.	No. of farmers registered in Kisan Sarathi portal	*10267*
4.	Mobile Apps developed by KVK	*NA*
5.	Name of the App	*NA*
6.	Language of the App	*NA*
7.	Meant for crop/ livestock/ fishery/ others	*NA*
8.	No. of times downloaded	*NA*

9.5 Kisan Mobile Advisory Services (KMAS) : NA

Sl. No.	Discipline	No. of Advisories	No. of Messages (SMSs)	No. of Farmers
1.				
2.				

9.6. a. Observation of Swachha Bharat Programme/Pakhwara

Date/ Duration of Observation	Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
02.10.2022	Digitization of office records/ e-office	5	7	0	12
05.10.2022	Basic maintenance	4	0	4	8
10.10.2022	Sanitation and SBM	9	4	2	15
15.10.2022	Cleaning and beautification of surrounding areas	4	2	4	10
20.10.2022	Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	3	2	3	8
02.11.2022	Used water for agriculture/ horticulture application	2	0	0	2
07.11.2022	Swachhta Awareness at local level	6	1	0	7
12.11.2022	Swachhta Workshops	0	0	0	0
18.11.2022	Swachhta Pledge	8	0	0	8
2311..2022	Display and Banner	4	4	0	5
29.11.2022	Foster healthy competition	0	0	1	1
05.12.2022	Involvement of print and electronic media	1	0	2	3
10.12.2022	Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	3	0	0	3
22.12.2022	No. of Staff members involved in the activities	8	4	1	13

28.12.2022	No of VIP/VVIPs involved in the activities	0	0	2	2
31.12.2022	Awareness program including VIPs Print media and farmers	0	0	0	0

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	10	500
2. Basic maintenance	05	0
3. Sanitation and SBM	08	1000
4. Cleaning and beautification of surrounding areas	15	4000
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	9	14000
6. Used water for agriculture/ horticulture application	3	0
7. Swachhta Awareness at local level	22	2000
8. Swachhta Workshops	0	0
9. Swachhta Pledge	0	0
10. Display and Banner	8	500
11. Foster healthy competition	-	0
12. Involvement of print and electronic media	-	0
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	04	0
14. No. of Staff members involved in the activities	-	-
15. No of VIP/VVIPs involved in the activities	7	-
16. Any other specific activity (in details)	0	
Total		**22000**

9.7. Observation of National Science day:NA

Date of Observation	Activities undertaken

9.8. Programme with SeemaSurakshaBal/ BSF:NA

Title of Programme	Date	No. of participants

9.9.Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Utkarmit Uchh Vidyalay, Tenduni	26.07.2022	Importance of drumstick leaves	Practical training
Krishna Sudarshan Public School, Bikramganj	14.10.2022	Mushroom production	Demo, Audio, Visual & Practical
Sub Jail, Bikramganj	11.09.2022	Gardener training	Practical training

Give good quality 1-2 photograph(s)

9.10. 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		

9.11. 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.	Crop residue management	05	450	0	DAO, Rohtas, PD, ATMA, Rohtas, Asstt. Director Agril. Engg.

9.12. Details of MahilaKisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1.	Mushroom production, Organic vegetable production, Moringa & Papaya sapling distribution among farm-women, Debate competition	01	31	-	-

9.13. 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	Sri Dilip Kumar	Village- Mehaddiganj, Block- Sasaram, Rohtas Mob. 8986372988	Lead & Innovative
2	Smt. Shanti Devi	Village- Taran, Block- Nokha, Rohtas Mob. 9430228381	Lead & Innovative
3	Sri Vijay Bahadur Singh	Village- Sabeya, Block - Rajpur, Rohtas Mob. 8002119937	Lead & Innovative
4	Smt. Seema Singh	Vill.- Dhangain tola, Bikramganj, Rohtas Mob.-6200799820	Lead & Innovative
5	Sri Nand Lal Vishwakarma	Village- Amra, Block- Sasaram, Rohtas Mob. 7870992048	Lead & Innovative
6	Sri Rajeev Ranjan	Village+Block - Kochas, Rohtas Mob. 9934940845	Lead & Innovative
7	Sri Lokesh Kumar	Village- Kushahi, Block- Karahgar, Rohtas Mob. 8873937726	Lead & Innovative
8	Sri Dhananjay Singh	Vill- Tarar, Po- Tarar, Nokha, Nokha Mob.9431484238	Lead & Innovative
9	Sri Surendra Pd. Singh	Vill.- Belari, Karahgar, Rohtas Mob. 9471215955	Lead & Innovative
10	Sri Binay Prakash	Vill- Gushi Khurd, Po- Bikramganj Mob.	Lead & Innovative

	Choudhary	9431483471	
11	Sri Deen Dayal Singh	Vill.+P.O.- Nasriganj, Block- Nasriganj Mob. 8862826250	Lead & Innovative
12	Sri Jai Prakash Singh	Vill- Amethi, Po- Sanjhauli Mob. 9006821851	Progressive
13	Sri Sukhdeo Singh	Vill.- Pipara, PO- Karakat, Rohtas Mob.9934816532	Lead & Innovative
14	Smt. Prabhawati Devi	Vill.- Barun, PO- Suryapura Mob. 9162099877	Lead & Innovative
15	Sri Rajnikant Singh	Vill.- Babhani, Karahgar, Rohtas Mob. 7352245580	Innovative
16	Sri Bikhari Rai	Vill.- Surhuriya, PO- Agrerkala, Rohtas Mob. 9431678969	Progressive
17	Sri Sunil Kumar Singh	Vill.- Basgitiya, PO- Bikramganj, Rohtas Mob. 9546018433	Progressive
18	Sri Arjun Singh	Vill.- Masauna, P.O.-Sanjhauli, Rohtas Mob7250991479.	Progressive
19	Sri Satyendra Kumar	Vill- Chandi, PO- Akhorigola Mob. 9006296155	Progressive
20	Smt. Gangotri Devi	Vill- Basgitiya, PO- Bikramganj Mob. 9386215528	Progressive
21	Sri Kamaldeo Rai	Vill- Varuna Po- Bikramganj Mob. 9973624833	Progressive
22	Sri Manoj Kumar Singh	Vill.- Akashi, P.O.- Mokar, Mob. 8804646940	Innovative
23	Sri Harivansh Choudhary	Vill- Laxamanpur, Po- Khusiya Kala, PS- Bikramganj, Rohtas Mob. 9835883732	Innovative
24	Sri Veer Kamlesh Singh	Vill- Tipa , Po+Ps- Nauhatta , Rohtas Mob. 9430842120	Innovative
25	Sri Banarsi Singh	Vill.- Chandi, Akodhigola, Rohtas Mob. 9939489420	Innovative
26	Sri Birendra Kumar Singh	Vill.- Bensagar, Karakat, Rohtas Mob. 9955261831	Innovative
27	Sri Nakul Singh	Vill.-Bishanpura, Nokha, Rohtas Mob.8084854547	Innovative
28	Sri Sushil Kumar	Vill.- Nyay, Sasaram, Rohtas, Mob.- 6200501963	Innovative
29	Smt. Vandana Kumari	At + Post- Sasaram, Rohtas Mob.8980016110	Innovative
30	Sri Baban Pandey	At-Rakasiya, Bikramganj, Rohtas, Mob.8709584793	Progressive
31	Sri Alakhdeo Rai	Vill.- Khairabhutaha, Sanjhauli, Rohtas Mob.9572945965	Lead & Innovative
32	Sri Vijay Kumar Singh	Vill.- Karmaini Khurd, Bikramganj, Rohtas Mob.8709601863	Lead & Innovative

9.14. Revenue generation : 2021-22

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Soil testing	200060.00	Farmers and Different programmes
2.	Seed production	56520.00	Farm
3.	Training Hall	5000.00	COMFED, Sudha Dairy Ara and others

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
4.	Farmers' Hostel	145000.00	BSDM, RPL and other programmes
5.	Planting materials production	5510.00	Other units
5.	Krishak Sandesh	16,000.00	Other units

9.15. Resource Generation: 2022 (Dec. 31st)

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1					

9.16. Performance of Automatic Weather Station in KVK : Not available

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
Bihar	Rohtas	Crop production	3	290	Package & practices of millets crops, short duration paddy, turmeric, elephant foot yam, coriander, radish, sweet potato

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

a) Year: 2022
b) Introduction / General Information:

Rice –wheat is the major production system of the district. To augment the system productivity, KVK, Rohtas joined hands with CMYYIT through CSISA project to support wide spread adoption of sustainable intensification technologies to spur Agricultural growth, both within the time horizon of the project and beyond since Rabi 2016-17. The major output of the project is as follows:

c) Conducted 4 trials in Kharif-2021.

d) Conducting 3 trials in Rabi 2021-22

Technology released: To get more than 5 ton/ha yield of wheat, sowing should be completed before 20th November in Rohtas.

Experiment	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Exp- 1	Performance of timely sown (TSWVs) and late sown wheat varieties (LSWVs) under different sowing schedules across ecologies.	To access different date of sowing	Set-I 01-10 Nov. 11-20 Nov. 21-30 Nov. 01-15 Dec. 16-31 Dec. Set-II 21-30 Nov.	Different dates of Nov.& Dec.	08	On going

			01-15 Dec. 16-31 Dec.			
Exp- 2	Assessing the role of additional irrigation during terminal heat stress period during grain filling stage to beat the heat stress and its effect on wheat productivity.	To access terminal heat stress period	**Set 1- ZT** (i)Without additional irrigation (FP) (ii) With additional irrigation during terminal heat stress period/grain filling stage in March **Set 1I- CT** (i)Without additional irrigation (FP) (ii) With additional irrigation during terminal heat stress period/grain filling stage in March	Different dates of Nov.& Dec.	05	On going
Exp- 3	Response of nitrogen and Phosphorus applied in to timely sown and late sown wheat	To access the response of nitrogen and Phosphorus	• T1: 150 N + 60 P +40 K**fb**150 N + 60 P +40 K (Full NPK in rice fb Full NPK in wheat • T2: 150 N + 0P +40 K**fb**150 N + 60 P +40 K (Full NK in rice fb Full NPK in wheat fb • T3: 150 N + 60P +0 K**fb**150 N + 60 P +40 K (Full NP in rice fb Full NPK in wheat)		05	On going

Technology developed: Developed R.N.B. model, DSR and Happy seeder package and practices.

Experiment	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Exp- 1	Nursery model in 10 locations	To promote nursery business model	10 Locations 04 varieties in each location.	15 May – 30 May	10	
Exp- 2	DSR on different sowing date	Assessment of Effect of different date on yield	15 May – 30 May 01 June – 15 June 15 June – 30 June		10	

11. Details of TSP : Not applicable

a. Achievements of physical output under TSP during 2020

Sl.	**Activities**	**Physical Achievement**	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer		
b.	Women		

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

b. Fund received under TSP in 2021-22 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2021-22

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

d. Location and Beneficiary Details during 2017-18

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

12. Details of SCSP

Sl.	**Activities**	**Physical Achievement**	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	-	-
b.	Women	3	89
c.	Rural Youths	-	-
d.	Extension Personnel	-	-
2)	OFT	No. of OFTs	No. of beneficiaries
		-	-
3)	FLD	No. of FLDs	No. of beneficiaries
		3	89

4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		15	1736
5)	Other activities		
a.	Participants in extension activities (No.)	76	
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.)	-	

13. Progress report of NICRA KVK (Technology Demonstration component) during the period (Applicable for KVKs identified under NICRA) : Not Applicable

Natural Resource Management

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

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

Capacity building

Thematic area	No of Courses	No of beneficiaries

		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T

Extension activities

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

Detailed report should be provided in the circulated Performa

14.a) Awards/Recognition received by the KVK in year 2021-22

Sl. No.	Name of the Award	Conferring Authority	Amount	Purpose
1.	Leadership Role in Curbing Parali Burning	Agriculture Today Group, New Delhi	-	Crop residue management
2.	Best scientist Award (Fisheries Science)	BAMETI, Patna	50000	For area expansion of fishery
3.	Best Extension Scientist Award	BAU, Sabour Kisan Mela21	10000	Extension services in Horticulture & allied
4.	Excellence in Extension Award	ICFAI, 2021	-	Extension services in Agriculture
5.	Young Scientist Award	DISHA, 2021	-	Extension services in Fisheries science
6.	Distinguished Scientist Award	DISHA, 2021	-	Extension services in Horticulture & allied
7.	Excellence in Extension Award	ICFAI, 2021	-	Extension services in Horticulture & allied
8.	Excellence in Research Award	ICFAI, 2021	-	Paper presentation
9.	Scientist of the Year	DISHA, 2021	-	In the field of Soil Sc.

b) Award received by Farmers in year 2021-22

Sl.	Name of the Award	Name of the Farmer	Address	Contact No.	Aadhar No.	Amount	Purpose	Conferring Authority
1	Nawachar Krishak	Sri Dilip Kumar Singh	Vill.- Mohaddiganj, Sasaram	9304068539 / 8986372989		-	New technology adoption & increase in producitivity	ICAR Kisan Mela 2020
2	Dhanuka Innovative Agriculture	Sri Dilip Kumar Singh	Vill.- Mohaddiganj, Sasaram	9304068539 / 8986372989		50000	Save water & Rain water	Dhanuka Agritech Ltd.

	Award						harvesting for farmer-East Zone	
3.	Horticultural Exhibition	Dilip Kr.Singh	Vill.-Mohaddiganj, Sasaram	9304068539 / 8986372989			Broccoli	BAU Kisan Mela
4.	Horticultural Exhibition	Nakul Singh	Vill.-Bishanpura, Nokha				Chilli	BAU Kisan Mela
5.	ATMA, Rohtas	Deen Dayal Singh	Nasriganj				Elephant Foot yam, Sem, Tomato	ATMA, Rohtas

15. Any significant achievement of the KVK with facts and figures as well as quality photograph

KVK Rohtas bagged "Leadership Role in Curbing Parali Burning" award for crop residue managemet in year 2021 by Agriculture Today group, New Delhi.

पराली प्रबंधन में रोहतास को पुरस्कार

पटना | हिन्दुस्तान ब्यूरो

पराली उद्योग का मॉडल विकसित करने के लिए रोहतास कृषि विज्ञान केंद्र का चयन 'इको एग्रीकल्चर अवार्ड- 2021' के लिए किया गया है। यह केवीके बिहार कृषि विश्वविद्यालय द्वारा संचालित है। एग्रीकल्चरल टुडे ने केवाकेि के काम की सराहना करते हुए फसल अवशेष प्रबंधन की श्रेणी में यह अवार्ड देने का निर्णय लिया है। 21 मई को ऑनलाइन सम्मान समारोह में यह पुरस्कार दिया जाएगा। कृषि विज्ञान केंद्र ने पराली को एक आय का साधन बनाने का मॉडल पेश किया है। विश्वविद्यालय के डॉ रवींद्र कुमार जलज यह सम्मान ग्रहण करेंगे। आय के अपने अखबार 'हिंदुस्तान' ने विश्वविद्यालय की इस उपलब्धि को प्रमुखता से प्रकाशित किया था। बिहार सरकार ने भी इस योजना को अपनाने का फैसला किया है।

इस नई व्यवस्था से पराली अब किसानों की समस्या नहीं रही। उसे खेत में जलाकर जमीन की सेहत बर्बाद करने की जगह दुग्ध उत्पादक समितियों को बेचकर इसका व्यवसाय खड़ा करने का यह मॉडल बिहार सरकार अपनाने जा रही है। आने वाले दिनों में पशुपालक पशुचारा के रूप में पराली का उपयोग करेंगे।

उल्लेखनीय है की मुख्यमंत्री नीतीश कुमार की सलाह पर कृषि सचिव डॉ. एन सरवण कुमार ने पूरी टीम के साथ राज्यभर के खेतों का हेलीकाप्टर से आकलन किया था तो तब जानकारी मिली कि पराली जलाने की घटनाएं, शाहाबाद में सबसे अधिक होती थी

उपलब्धि

- 'इको एग्रीकल्चर अवार्ड- 2021' के लिए हुआ चयन
- पराली जलाने की घटनाएं शाहाबाद में सबसे अधिक होती थी

रोहतास केंद्र की इस योजना से किसानों की आमदनी भी बढ़ेगी। साथ में पर्यावरण भी दूषित होने से बचेगा।
– डॉ. आरके सोहाने, कृषि विज्ञान केंद्र

कारगर हैं। रोहतास रोहतास जिले में ही इसका पहला प्रयोग हुआ। किसानों के कृषि विज्ञान केन्द्र ने बेलर से पराली का बंडल बनाकर शाहाबाद डेयरी बेचा तो लागत से लगभग दूना लाभ हुआ। इसके बाद कृषि विभाग ने इसे उद्यम बनाने का निर्णय लिया। विभाग किसानों के बीच 'पराली उद्योग' के लिए प्रेरित करेगा। इस योजना के लिए बहुत काम करने की जरूरत भी नहीं है। इसके लिए सिर्फ बेलर से उसका बंडल बनाना होगा। बेलर किसान खुद भी खरीद सकते हैं। सरकार इसपर 75 प्रतिशत अनुदान देती है।

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

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
1								

17. Integrated Farming System (IFS)

A) Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
1	Poultry	0.4	Poultry- 30 kg/	5500	12000	21	23
2	Fishery		Fish seed- 160 kg/	21000	80000		

B) Activities under IFS

Sl. No.	Component Name	No. of Components established	Area (ha)	No. of Activities		No. of farmers benefited	
				Demo	Training	Demo	Training

1.	Fisheries	4	0.25	1	2	1	34

18. Technologies for Doubling Farmers' Income

Sl No	Name of the technology	Brief details of the technology (3-5 bullet points)	Net returns to the farmer (Rs) per ha per year due to the technology	No of farmers adopted the technology in the district	High resolution Photograph
1.	Single seedling transplanting	1. Increases yield (18%) 2. Saves seed (22kg/ha) 3. Encourages seed replacement rate (about 65%) 4. Reduces labour requirement 5. Reduces insect pest attack	160000/ha	80%	
2.	Zero tillage sowing of wheat	1. Advances wheat sowing 2. Saves sowing cost (Rs. 2500/ha) 3. Increases yield (20 %) 4. Saves water and diesel 5. Additional water may be used 6. Lesser weed management cost	120000/ha	62-65%	
3.	Modified SRI	1. Increases yield (18%) 2. Saves seed (22kg/ha) 3. Encourages seed replacement rate (about 85% SRR) 4. Reduces labour requirement 5. Reduces insect pest attack	104588/ha	80-85%	
4.	Direct Seeded Rice	1. Saves labour 2. Maintains soil health 3. Advances Rabi crops 4. Promote line sowing 5. Helpful for seed production	3500/ha	650 farmers	
5.	Mentha cultivation	1. Utilizes rice fallow 2. Highly remunerative catch crop 3. Employment generation	120000/ha	25%	
6.	Quail farming	1. Provides good returns 2. Employment generation 3. Support nutrition requirement	Rs 15/ bird	26 farmers	

7.	Rice Nursery business	1. Advances whole cropping system 2. Opens new business avenue 3. Increases cropping intensity 4. Helpful for women-led farms	24560/ha	265 farmers	
8.	Mushroom Cultivation	1. Generate employment for weaker sections 2. Landless faring 3. Ensures nutrient supply	32500/ month	20000 farm-families	
9.	Fisheries	1. Improved variety of fish. 2. Fish fingerlings 3. Bioflock fish farming	200000/-unit	10%	

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

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2019)	05	60	1st week of March	All Scientists	Kisan Gosthi, Training, Kisan Chaupal, Video Conferencing, SMS portal
II (up-to 24.12.2020)	15	115			
Total	20	175			

20. Information on Visit of Ministers to KVKs, if any : No

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

21. a) Information on **ASCI** Skill Development Training Programme, if undertaken during 2018-19 and 2020-21

Year	Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants	Whether uploaded to SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2018-19	Medicinal Plants Grower	Dr. Ratan Kumar	15 Feb.2020	Feb. 2021	20	Yes	180000

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs**., if any) if undertaken during 2021

Thematic area of training	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	

Gardener	Gardener	80	4	0	2	0	23	0	29	0	29	288774

22. Information of NARI Project(if applicable) :

Name of Nodal Officer	No. of OFT on specified aspects	Title(s) of OFT	No. of FLD on specified aspects	No. of capacity development programme on specified aspects	Total no. of farm women/ girls involved in the project	Details of Issues related to gender mainstreaming addressed through the project
Dr. Ratan Kumar	0	0	05	01	25	-

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.	Shivpur Halt	Backyard/Kitchen garden	05	250 each	425
2.		Community level			
3.		Terrace Garden			
4.		Vertical Garden			
TOTAL			05		425

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 benefi-ciaries
Sikariya	Rabi	FLD	Oilseed	Linseed	Ruchi	5.0	25

c. Value addition in Nutri-Smart village:

Name of Nutri Smart Village	Name of Crop/veg./fruits/other	Name of Value added product	Activity (OFT/FLD)	No. of farmers/ beneficiaries
Surhuriya	Mushroom	Mushroom powder	FLD	20

d. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Parsa, Rakasiya, Babhani, Surhuriya, Derhgaon	Mushroom production	05	210

e. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
Shivpur Halt, Barari, Suryapura	Kitchen garden in Aanganwadi	05	152

23. Activities under KSHAMTA : Not applicable

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

24. Information on Krishi Kalyan Abhiyan Phase- I/ Phase-II/ Phase-III, if applicable : Not applicable

Krishi Kalyan Abhiyan- I/II

A. Training

Name of programme	***No. of programmes***	***No. of farmers benefitted***									***No. of officials attended the programme***
		SC		***ST***		***Others***		***Total***			
		M	***F***	***M***	***F***	***M***	***F***	***M***	***F***	***T***	
KKA-I											
KKA-II											

B. Distribution of seed/ planting materials/ input/ others

Name of programme	No. of Programme	Total quantity distributed				No. of farmers benefited									No. of other officials (except KVK) attended the programme
		Seed (q)	Planting material (lakh)	Input (kg)	Other (kg/ No.)	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
KKA-I															
KKA-II															

C. Livestock and Fishery related activities

Name of programme	No. of Programme	Activities performed				No. of farmers benefited									No. of other officials (except KVK) attended the programme
		No. of animals vaccinated	No. of animals dewormed	Feed/ nutrient supplements provided (kg)	Any other (Distribution of animals/ birds/ fingerlings) [No.]	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
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 benefitted									Any other, if any (pl. specify)
		SC		ST		Others		Total			
		M	F	M	F	M	F	M	F	T	

25. ARYA

KVK	No. of entrepreneurial units established	No. of Training programs organized	No. of rural youth trained		No. of youth established units	
			Male	Female	Male	Female

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

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

27. Good quality action photographs of overall achievements of KVK during the year (best 10): Attached separately in jpeg format.

***