KRISHI VIGYAN KENDRA

ARARIA (BIHAR)

ANNUAL REPORT

(January- 2022 to December- 2022)

Submitted

to

ICAR-ATARI, Patna, (Zone-IV)

BIHAR AGRICULTURAL UNIVERSITY

SABOUR, BHAGALPUR-813210

PROFORMA FOR 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	
KVK, Araria Near Araria Court Railway Station.	8540033893		Arariaakvk@gmail.com

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

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

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Vinod Kumar	KVK, Araria	9431645217	arariaakvk@gmail.com

1.4. Year of sanction of KVK: 2004 (letter no: 18-13/96-AE-1 dated: 27th Feb. 2004)

1.5. Staff Position (**as on 31st December 2022**)

Sl. No.	Sanctioned post	Name of the Incumbent	Designation	Discipline	Pay Scale with Present Basic	Date of joining	Permanent/ Temporary	Category (SC/ST/ OBC/ Others)
1.	Senior Scientist& Head	Dr. Vinod Kumar	Senior Scientist & Head	Extension Education	Level-13(A)	10./07/2021	Permanent	Gen.
2.	Subject Matter Specialist	Sri. Sanjeet Kumar	SMS	Plant Pathology	Level-10	13.06.2009	Permanent	Gen.
3.	Subject Matter Specialist	Dr. Ratnesh Kumar Choudhary	SMS	Animal Science	Level-10	11.04.2012	Permanent	OBC
4.	Subject Matter Specialist	Vacant	-	-		-	-	-
5.	Subject Matter Specialist	vacant	-	-		-	-	-
6.	Subject Matter Specialist	vacant	-	-		-	-	-
7.	Programme Assistant	Aftab Alam	Programme Assistant(LT)	-	Lavel-6	05.11.2012	Permanent	OBC
8.	Computer Programmer	AmitAnand	Programme Assistant(Computer)	-	Lavel-6	07.05.2013	Permanent	OBC
9.	Farm Manager	Manish Kumar	Farm Manager	-	Lavel-6	03.11.2012	Permanent	Gen.
10.	Accountant / Superintendent	Ravi Mohan Kumar	Assistant	-	Lavel-6	22.4.2013	Permanent	Gen.
11.	Stenographer	Gautam Kumar Nirala	Stenographer	-	Level-4	18.06.2013	Permanent	OBC
12.	Driver	Rakesh Kumar Ranjan	Driver	-	Level-3	09.05.2015	Permanent	OBC
13.	Driver	Ashok Gauswami	Driver	-	Level-3	25/05/2015	Permanent	OBC
14.	Supporting staff	Gautam Kumar	Supporting Staff	-	12000-fix/month		Contractual	OBC
15.	Supporting staff	ChhediLal Yadav	Supporting Staff	-	12000-fix/month		Contractual	OBC

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	1.00
2.	Under Demonstration Units	5.00
3.	Under Crops	
4.	Orchard/Agro-forestry	4.00
5.	Others with details	
	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)					√ (5)			ICAR
4.	Piggery unit								
5	Fencing					partial	450		ICAR
6	Rain Water harvesting structure								
7	Threshing floor					√			ICAR
8	Farm godown					√			
9.	Dairy unit								
10.	Poultry unit								
11.	Goatry unit					√			ICAR
12.	Mushroom Lab								
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab								
16	Others, Please Specify								

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	2005	4,40,525	319536 total km run from date of purchase	➢ 15 years completed & Condemned ➢ Hired Vehicle is running
Tractor	2005	3,34,500	4123Hours	15 years completed & Condemned
Motorcycle 1	2015	60000	30734 KM	In working condition
Motorcycle 2	2015	60000	24632 KM	In working condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Carrot Juicer/Vegetable Juicer	2012-13	21000	Good	ICAR
Vikas Atta Chakki	2012-13	9000	Good	ICAR
Crown Corking Machine	2012-13	8500	Good	ICAR
P.P. Cap Sealing Machine	2012-13	9000	Good	ICAR
Fruit Mill	2012-13	16000	Good	ICAR
Vacuum Bottle Filling Machine	2012-13	24500	Good	ICAR
Dehydrator	2012-13	65000	Good	ICAR
Pulper	2012-13	16000	Good	ICAR
Auto Clave	2012-13	62500	Good	ICAR
Laminar Air Flow	2012-13	59871	Not in working conditions	ICAR
Lug Cap Sealer	2012-13	8900	Good	ICAR
Packing Machine 12”	2012-13	2838	Good	ICAR
BOD	2012-13	68089	Not in working conditions	ICAR
Wet Grinder 3 Litre Capacity	2012-13	13500	Good	ICAR
b. Farm machinery				
c. AV Aids				
Desktop/UPS/Laptop	2016	92906	Good	BAU, Sabour
Projector with tripod projector screen +	2016	52000	Not in working conditions	BAU, Sabour

Wi-Fi dongle (Projector Not working)				
Xerox Machine	2016	57142	Good	BAU, Sabour
Camera (Cannon)	2016	29600	Good	BAU, Sabour
Video Camera (Sony)	2016	82871	Good	BAU, Sabour
Sound System(AHUJA) 200 watts , Mike	2016	33936	Good	BAU, Sabour
CCTV Camera (Not working)	2016	23625	Good	BAU, Sabour
LED TV Panasonic	2016	27200	Good	BAU, Sabour
Hard disk (1 TB)	2016	5600	Good	BAU, Sabour

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Zero tillage machine	2005	-	Not in Working condition	Transferred from RAU, Pusa
Zero tillage machine (2 Nos)	2006	-	Not in Working condition	Transferred from RAU, Pusa
Disc Harrow	2005	25500	Not in Working condition	RKVY
Cultivator	2005	12100	Not in Working condition	ICAR
Cultivator	2012	-	Good	RKVY
MB Plough	2005	25500	Good	ICAR
Leveler	2008	9000	Good	ICAR
Rotavator	2011	-	Good	RKVY
Wheat Thresher	2012	-	Not in Working condition	RKVY
Mobile Seed Processing Plant	2014	-	Not in working conditions	Transferred from BPSAC, Purnea
Zero Tillage Machine	2017	60000	Good	
Happy Seeder (2 Nos)	2020		Good	BAU, Sabour
Zero Tillage Machine	2020		Good	

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

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.	22/06/2022	26	ftys esa e[kkuk ds {ks=Qy dks ns[krs gq, blij izR;{k.k dk dk;Z djk;k tk,A	Action taken	
2			funs'kd] Hkkjrh; Ñf"k vuqla/kku ifj"kn] tksu & IV us iwjs jkT; esa fMftVy e`nk moZjrk ekufp= (Digital Soil Fertility Map) cukus dk lq>ko fn;k gSA	Action taken	
3			funs'kd] vVkjh iVuk ,oa vU; lnL;ksa us feêh tk¡p esa AAS e'khu dh egÙkk dks ns[krs gq, lacaf/kr midj.kksa ds lkFk bldh [kjhn gsrq izLrko fo'ofo|ky; dks Hkstus dk lq>ko fn;kA	Action taken	
4			lesfdr Ñf"k iz.kkyh dks N% eghus esa dk;kZÙked fd;k tk,A	Action taken	
5			oSKkfud lykgdkj lfefr dh izfrosnu izLrqfr esa dk;Zdkjh lkjka'k (Executive Summary) cukdj lekfgr ,oa izLrqr fd;k tk,A	Action taken	
6			Ñ"kd [ksr ij ijh{k.k ¼OFT½ dks t#jr vuqlkj (Demand Driven) fdlkuksa ds vko';drk ds vuq#i cuk;k tk,A	Action taken	
7			Ñ"kd [ksr ij ijh{k.k dks lR;kfir (Validiate) djus gsrq nks lky rd ijh{k.k ifj.kke dks ns[kk tk,A	Action taken	
8			Back yard Poultry dk ftys esa egÙkk dks ns[krs gq, fdlkuksa ds lqyHk pwtk miyC/krk gsrq dsUnz LFky ij gSpjh LFkkfir djus dh dksf'k'k dh tk,A vko';d fuf/k dsUnz ds pØh; [kkrk ls Hkh izkIr fd;k tk ldrk gSA	Action taken	
9			eksVs vukt] ck;ks QksVhZQkbM izHksn ¼/kku] xsagw¡½ fdlkuksa ds [ksr ij izf'k{k.k ,oa izR;{k.k fd;k tk,A	Action taken	
10			izf'k{k.k dk;ZØe vko';drkuq#i utnhdh Ñf"k foKku dsUnz ls iwoZ lwpuk nsrs gq, djk;k tk;A	Action taken	
11			izkÑfrd lalk/kuksa dk mi;ksx djrs gq, e'k#e dEiksLV ,oa bldh [ksrh dks c<+kok nsus gsrq izR;{k.k dk;Z fd;k tk;A	Action taken	
12			oSKkfud lykgdkj lfefr esa ekuuh; lnL; izfrfuf/k dks Hkkjrh; Ñf"k vuqla/kku ifj"kn ds fn'kk funsZ'k ds vkyksd esaa v/kru fd;k tk,A	Action taken	
13			izkÑfrd [ksrh ,oa tSfod [ksrh dk izn'kZu bdkbZ@dsUnz ds 'kS{kf.kd iz{ks= ij LFkkfir fd;k tk;A	Action taken	
14			fudV le; esa gq, Hkkjh o"kkZeku ds dkj.k {kfrxzLr gq, 'kS{kf.kd iz{ks= ds lEidZ iFk dks Bhd djkus dk iz;kl fd;k tk;A	Action taken	

15			tyok;q vuqdwy Ñf"k dk;ZØe ds vUrxZr p;fur xk¡oksa esa rduhdh dk;ZØeksa ds le;c) fu"iknu gsrq LFkkuh; yksxksa dh lsok izkIr dh tk;A mDr ds fy, lacaf/kr ekuo cy dks fu;ekuqlkj lsok 'kqYd iznku fd;k tk ldrk gSA	Action taken	

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

Sl. No.	Items	Information
1	Major Farming system/enterprise	Paddy – Wheat Jute – Pulses / Rai – Maize Paddy- Potato–green gram Fish Culture
2	Agro-climatic Zone	North east alluvial plan of North Bihar in Kosi Zone-II
3	Agro ecological situation	Situated on longitude 87° 31’ 11” E and 26° 8’ 59” N. Climate is subtropical humid, maximum and minimum temperature 46°C and 4.0°C respectively, average annual rain fall 1440 mm.
4	Soil type	sandy to sandy loam having alluvial properties. Low lying areas have clay to clay soils.
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	(Source: http://krishi.bih.nic.in/Statistics/) i). Rice:- 2066 Kg/ha ii). Wheat:- 2577 Kg/ha iii). Maize:- 4412 Kg/ha iv). Summer moong:- 997 Kg/ha
6	Mean yearly temperature, rainfall, humidity of the district	i). Temperature:- Ranges from 7.8° C to 43.9° C ii. Rainfall:- 1440.0 MM iii). Humidity:-19 to 98%
7	Production of major livestock products like milk, egg, meat etc.	livestock wealth in no. i). Cow:- 658935. ii). Buffalo:- 276966 iii). Poultry:- 670686

Note: Please give recent data only

Source- Automatic weather station, Araria.

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	Araria	Forbesganj	Sukhi	Paddy, Maize Wheat, Potato, Rai, Dairy, Goatary, Backyard poultry Makhana	Low net return from crops, Injudicious use of fertilizers, weeds, diseases and pests in crops, FAW, Nonscientific use of crop residue, Repeat breeding, Infertility Problem, Parasitic Disease prevalent, Diarrhoea, Mastitis, Low Productivity of Milk, Kid Mortality	ICM, IPM, INM, Vermicomposting, Mushroom Production, Capacity Building, Value Addition, Scientific management of Dairy, Goatary and poultry
2		Forbesganj	Sirsia	Paddy, Maize Wheat, Potato, Rai, Dairy, Goatary, Backyard poultry Makhana	Low net return from crops, Injudicious use of fertilizers, weeds, diseases and pests in crops, FAW, Nonscientific use of crop residue, Repeat breeding, Infertility Problem, Parasitic Disease prevalent, Diarrhoea, Mastitis, Low Productivity of Milk, Kid Mortality	ICM, IPM, INM, Vermicomposting, Mushroom Production, Capacity Building, Value Addition, Scientific management of Dairy, Goatary and poultry
3		Forbesganj	Dak haripur	Paddy, Maize Wheat, Potato, Rai, Dairy, Goatary, Backyard poultry Makhana	Low net return from crops, Injudicious use of fertilizers, weeds, diseases and pests in crops, FAW, Nonscientific use of crop residue, Repeat breeding, Infertility Problem, Parasitic Disease prevalent, Diarrhoea, Mastitis, Low Productivity of Milk, Kid Mortality	ICM, IPM, INM, Vermicomposting, Mushroom Production, Capacity Building, Value Addition, Scientific management of Dairy, Goatary and poultry
4		Forbesganj	Rampur	Paddy, Maize Wheat, Potato, Rai, Dairy, Goatary, Backyard poultry Makhana	Low net return from crops, Injudicious use of fertilizers, weeds, diseases and pests in crops, FAW, Nonscientific use of crop residue, Repeat breeding, Infertility Problem, Parasitic Disease prevalent, Diarrhoea, Mastitis, Low Productivity of Milk, Kid Mortality	ICM, IPM, INM, Vermicomposting, Mushroom Production, Capacity Building, Value Addition, Scientific management of Dairy, Goatary and poultry
5		Forbesganj	Mushahri	Paddy, Maize Wheat, Potato, Rai, Dairy, Goatary, Backyard poultry Makhana	Low net return from crops, Injudicious use of fertilizers, weeds, diseases and pests in crops, FAW, Nonscientific use of crop residue, Repeat breeding, Infertility Problem, Parasitic Disease prevalent, Diarrhoea, Mastitis, Low Productivity of Milk, Kid Mortality	ICM, IPM, INM, Vermicomposting, Mushroom Production, Capacity Building, Value Addition, Scientific management of Dairy, Goatary and poultry

6.		Bhargama	Khutha Baijnathpur	Paddy, Maize, Wheat, Potato, Rai, Sunflower, Mentha, Dairy, Goatary, Backyard poultry	Low net return from crops, Injudicious use of fertilizers, weeds, diseases and pests in crops, FAW, Nonscientific use of crop residue, Repeat breeding, Infertility Problem, Parasitic Disease prevalent, Diarrhoea, Mastitis, Low Productivity of Milk, Kid Mortality	ICM, IPM, INM, Vermicomposting, Mushroom Production, Capacity Building, Value Addition, Scientific management of Dairy, Goatary and poultry
7.		Araria	Itahra	Paddy, Maize Wheat, Potato, Vegetables, Rai, Dairy, Goatary, Backyard poultry	Low net return from crops, Injudicious use of fertilizers, weeds, diseases and pests in crops, FAW, Nonscientific use of crop residue, Repeat breeding, Infertility Problem, Parasitic Disease prevalent, Diarrhoea, Mastitis, Low Productivity of Milk, Kid Mortality	ICM, IPM, INM, Vermicomposting, Mushroom Production, Capacity Building, Value Addition, Scientific management of Dairy, Goatary and poultry

2. c. Details of village adoption programme:

Name of the villages adopted by Sr. Scientist & Head and SMS (in year 2022) for its development and action plan

Name of village	Block	Action taken for development
Dak Haripur, Sukhi, Sirsiya, Rampur and Musahri	Forbesganj	➢ DSR, Alternate wetting & drying, use of LCC, Brown manuring, Water harvesting and field bunding in Rice. ➢ Use of ZT, Happy- Seeder, LCC and Green Seeker technology in wheat. ➢ ZT in mustard, ➢ Raised Bed and Intercropping with Potato in Maize. ➢ Raised Bed Potato technique and mulching in Potato. ➢ Demonstration on Pearl millets and Finger millets. ➢ Demonstration of Button and Oyster Mushroom. ➢ Use of Waste decomposer. ➢ Use of Laser land leveller ➢ OFT conducted on Diarrhoea, Mastitis, Anestrus in Dairy animals. ➢ FLD on mineral mixture, dewormer, Raksha Triovac vaccine in Dairy animals. ➢ FLD on PPR and ET vaccination in Goat. ➢ Capacity building programme/Training on different needful subject.
Khutha Baijnathpur	Bhargama	➢ CFLD on Sunflower. ➢ CFLD on Mustard. ➢ CFLD on Lentil. ➢ FLD on Bio fortified Wheat, ➢ FLD on Raised Bed technology in wheat,

		➢ FLD on Laser land leveller ➢ Capacity building programme/Training on different needful subject.-
Itahra	Araria	➢ OFT conducted on Diarrhoea, Mastitis, Anestrus in Dairy animals and Backyard Poultry. ➢ FLD on mineral mixture, dewormer, Raksha Triovac vaccine in Dairy animals. ➢ FLD on PPR and ET vaccination and Dewormer in Goat. ➢ Demonstration on Mushroom ➢ Demonstration on Vegetables(Tomato, Cauliflower, Brinjal and Bottle gouard) ➢ Demonstration on Black Bengal goat. ➢ Demonstration on Poultry. ➢ Capacity building programme/Training on different needful subject. ➢ Awareness Special Programme

2.1 Priority thrust areas

S. No	Thrust area
1.	Resource Management
2.	Bio- Intensive Integrated Pest management
3.	Nutrition Security
4.	Makhana and Fish culture for pond management.
5.	Livelihood security through IFS Model.
6.	Scientific Management of Livestock.
7.	Value Addition
8.	Entrepreneurship development

Note: Please give recent data only

3. TECHNICAL ACHIEVEMENTS

3.1. 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
3	3	41	**2**	**11**	**0**	**0**	**28**	**0**	**30**	**11**	**41**			795	**178**	**51**	**75**	**21**	**345**	**125**	598	197	795

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
	49		60	117	132	4	145	321	07	442	49		180		3125	425	989	194	5214	2541	9328	3160	12500

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

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
	38.53		110200

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
0	0		

* 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	2	Mass	2	5.31	5.21	-	-
Seminar/conference/ symposia papers	2	Mass					Best Oral Presentation
Books							
Bulletins	1	1000					
News letter							
Popular Articles	1	Mass					
Book Chapter							
Extension Pamphlets/ literature	8	8000					
Technical reports	4	120					
Electronic Publication (CD/DVD etc)							
TOTAL							

3.1.1 Achievements on technologies assessed and refined

OFT -1

Crop/Enterprise	Cattle
Title	Assessment of different management practices in preventing bovine mastitis.
Problem diagnose	High incidence of clinical mastitis and Decrease milk yield, Low economic return
Farming situation	Integrated farming system
Production system & thematic area	Udder health management
Year of commencement	2023-24
Experimental details	**F. P.:** Use of Antibiotics, Anti-inflammatory for treatment against Mastitis
	T.O. 1: 0.5 g alpha-Tocopherol acetate + 0.25 mg sodium selenite (Vitamin E and Selenium Powder) orally daily for last 30 days before calving.
	T.O. 2: Blanket dry cow treatment (BDCT) (infused with 7.5 g Dicloxacillin sodium in each quarter) immediately after the last milking of lactation and 0.5 g alpha-tocopherol acetate + 0.25 mg sodium selenite (E-Selenium Powder) orally daily for last 30 days before calving.
Source of technology	GBPUAT, Pantnagar
Critical inputs	Vitamin E and Selenium Powder and dicloxacillin sodium
Observation to be taken	i) Technical : Udder condition , Milk P.H., Milk Colour, C.M.T. test
	ii) Economics : Total Milk production , B.C. Ratio
No. of Cattle	21

Result: On Going

OFT -2

I.	**Title of the OFT**	**Effect of supplementary feeding on performance of Grampriya poultry under Backyard System.**
II.	**Thematic Area:**	Poultry Production
III.	**Problem diagnosed**	Low body wt. gain and Egg production of local poultry.
IV.	**Important Cause**	Low Egg production and small size
V.	**Production system:**	Backyard System
VI.	**Micro farming system:**	Semi intensive System
VII.	**Technology for Testing:**	Supplementary Feeding on Grampriya poultry
VIII.	**Existing Practice:**	Local poultry
IX.	**Hypothesis:**	➢ More Weight Gain ➢ High Egg Production ➢ Gain Egg wt.
X.	**Objective(s):**	Empowerment of rural women & provide nutritional Security
XI.	**Treatments**	**Farmers' Practice: -** Local poultry **Technology Option 1:-** Grampriya + Maize @ 50gm daily from 25th weeks of age to 35th weeks. **Technology Option 2:-** Grampriya + Marble chips adlibitum daily from 25th weeks of age to 35th weeks.
XII.	**Critical Inputs:**	Chicks + Supplementary Feed
XIII.	**Unit Size:**	25
XIV.	**No of Replications:**	10
XV.	**Monitoring Indicator:**	**I.** Body Wt. **II.** Egg production **III.** Egg Wt.
XVI.	**Source of Technology (ICAR/AICRP/SAU/ Other, please specify):**	BVC, Patna

Results: *On Going*

OFT-3

I.	**Season:**	Rabi
II.	**Title of the OFT**	**Assessment of Bio-intensive management practices for major pests in Tomato**
III.	**Thematic Area:**	Bio control of pests and diseases
IV.	**Problem diagnosed**	In-discriminate use of chemical pesticides in Tomato cultivation
V.	**Important Cause**	Lack of Bio intensive measures.
VI.	**Production system:**	Upland Irrigated
VII.	**Micro farming system:**	Tomato cultivation
VIII.	**Technology for Testing:**	Bio-intensive practices for major pests in Tomato
IX.	**Existing Practice:**	Chemical pesticides for major pests in Tomato
X.	**Hypothesis:**	Bio-intensive management practices for major pests may reduce cost of cultivation, higher yield and net return
XI.	**Objective(s):**	Bio-intensive management practices for major pests
XII.	**Treatments**	**Farmers practice:** use of chemical pesticides. **T.O. 1:** Application of Bio-consortia of IIHR (Soil application) Seed treatment by P.fluorescens @ 10g/kg Nursery bed treatment by P.fluorescens @ 20g/m^2, Soil application of P.fluorescens @ 5 kg/ha mixed with 500 kg Vermi-compost at 30 DAT. Spray of HNPV @ 250 LE/ha **T.O. 2:** Application of Bio-consortia of IARI (Soil application) Seed treatment by Trichoderma viride @10g/kg Nursery bed treatment by Trichoderma viride @ 20g/m^2, Soil application of Trichoderma viride @ 5kg/ha mixed with 500 kg Vermi-compost at 30 DAT. Spray of HNPV @ 250 LE/ha
XIII.	**Critical Inputs:**	Bio- consortia, Bio-Control Agents
XIV.	**Unit Size:**	400 sq. metre
XV.	**No of Replications:**	10
XVI.	**Unit Cost:**	100
XVII.	**Total Cost:**	10000
XVIII.	**Monitoring Indicator:**	Yield, Disease and Pest incidence, Net Return, B:C Ratio
XIX.	**Source of Technology (ICAR/AICRP/SAU/ Other, please specify):**	ICAR

Results: *On Going*

OFT-4

Topic	**Assessment of ICT tools for climate resilient technology diffusion**
Problem diagnosed	Farmers are using digital platforms for agricultural information but the utility of various tools are undefined in relevance to specific knowledge among farming community. The specific content is very important to adopt and accept the climate resilient agricultural practices
Hypothesis	After completion of study, we are able to find out the most accepted ICT tool and necessary rectifications for better knowledge diffusion among farming community
Details of technologies selected for assessment	**Farmer practice :** Using undefined tools **Technology option –I :** Mobile SD cards (Technical films) **Technology option –II :** YouTube channel (Online technical videos on same content of technology option-I) **Technology option –III :** WhatsApp(Online technical content sharing same technology option –I)
Replication	Purposely selected 20 rural youth
Cost of critical input	Rs. 1,00,000/-
Performance indicator	Acceptability (%), Technical support in farming (%), Output (Crop/Enterprises)
Critical input	SD cards, android mobile

Results: **Awaited….**

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	1	10	2
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	1	21	8
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)	1	10	2
	Total	**0**	**0**	**0**
	T**echnologies 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**
	T**echnologies 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 during 2022

A. Details of FLDs conducted during the year 2022

Cereals: NIL

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			
1.						M	F	M	F	M	F	M	F	T	
2.															
3.															
4.															
5.															
6.															
7.															
8.															
9.															

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	OC					
1.													
2.													
3.													
4.													
5.													

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: NIL

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:NIL

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
	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

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

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
Brinjal	IMP	HYV+IPM	05	0.5	250	180	38	10000	200000	100000	2.0	95000	144000	49000	1.5
Cauliflower	IPM	HYV	05	0.5	225	150	50	79500	225000	145500	2.8	71400	150000	78600	2.1
Tomato	IPM	HYV	05	0.5	800	500	60	87500	480000	39250	5.4	91000	300000	209000	3.29
	Total		**15**	**1.5**	**1275**	**830**	**148**	**177000**	**905000**	**284750**	**10.2**	**257400**	**594000**	**336600**	

* 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 crops:

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

Demonstration details on crop hybrid varieties

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals										
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total Cereals										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total Oilseeds										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl. specify)										
Total Pulses										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										

Total Veg. Crops										
Commercial Crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total Commercial Crops										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total Fodder Crops										

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

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy Animal	Disease Management	Raksha Trio-Vac Vaccine	140	200	1.60%	41%	39.4										
Dairy Animal	Disease Management	Deworming	140	200	9.15/lit/day (milk)	8.58/lit/day (milk)	6.6	-	-	44,564	1,23,525	78,961	2.77	44,530	1,15830	71,300	2.6
Dairy Animal	Feed Management	Mineral Mixture	200	200	9.85/lit/day (milk)	8.58/lit/day (milk)	14.8	–	–	48,180	1,32975	84,795	2.75	44,530	1,15830	71,300	2.6
Poultry																	
Rabbitry																	
Goat	Disease Management	PPR Vaccine	150	500	8% (mortality)	72% (mortality)	64										
Goat	Disease Management	Raksha ET Vaccine	150	500	3% (mortality)	30% (mortality)	27										
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		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl. specify)																	
Total																	

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

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
Button mushroom																
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)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check									

* 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

Farm Machinery

Category	**Name of the implement / Equipment / Tool**	**Crop (if applicable)**	**No. of Technologies**	**No. of Demos**	**Area (ha)**
Sowing and planting tools and machineries					
Total					
Intercultural operation tools and machineries					
Total					
Irrigation management tools and machineries					
Total					
Plant protection tools and machineries					
Total					
Harvesting tools and machineries					
Total					
Postharvest processing tools and machineries					

Total					
Total mechanization tools and machineries					
Total					
Others					
Total					
Grand Total					

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1.	Mustard	Alternaria blight resistant high yielding variety should be developed.
2.	Lentil	Wilt and Ascochyta blight resistant high yielding variety should be developed.
3.	Bio-fortified wheat	Less tillering.
4.	Linseed	Poor yield
5.	Field Pea	Attacked severely by pod borer and powdery mildew.
6.	Sesame	Shattering of pod before maturity.
7.	Sunflower	Cob is severely infested by insect borer
8.	Green gram	More vegetative growth and non-synchronous pod maturity.
9.	Dairy Animals	Increase of milk production (1.27 liter/day) by use of mineral mixture and dewormer
10.	Goat	64% Morbidity check by PPR vaccination. 27% Morbidity check by ET vaccination.
11.	Goat	Through deworming 19% change in major parameter (Body weight gain in goat) and improved estrus rate.

Extension and Training activities under FLD

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

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

A. Technical Parameters:

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	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Lentil	Local	10.2	180	100	780	HUL-57+Zero tillage +HYV+Biofertilizers	40	16	18.75	9.75	12.2	111	200	25.6
2	Field Pea	Local	11.9	625	420	910	IPFD 12-02+Zero tillage +HYV+Biofertilizers	15	04	20	11.87	17.2	84.8	126	58
3	Linseed	local	8.1	80	50	490	Sabour Tisi-1+Zero tillage +HYV+Biofertilizers	18	06	13.1	8.9	11.5	425	680	69
4	Mustard	Local	9	455	350	600	R.Suflam+Zero tillage +HYV+Biofertilizers	121	44	17.3	10.5	14	109	143	83
5	Sunflower	Local	7.88	490	615	650	Ganga+ Zero tillage +HYV+Biofertilizers	25	10	17.5	10.25	12.25	89	71	67
6	Sesame	Local	3.85	250	260	510	GT-04+Zero tillage +HYV+Biofertilizers	50	20	6	4.75	5.48	65	62.6	31.9
7	Green Gram	Local	6.55	620	510	685	IPM -205-07+Zero tillage +HYV+Biofertilizers	50	20	13	10.25	11.28	76	92.7	69
8	Lentil	Local	Crop Standing				IPL-220+HYV+Biofert	66	20	Crop Standing					
9	Mustard	Local					Pitambari +HYV+Biofert+IPM	50	20						

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	HUL-57+Zero tillage +HYV+Biofertilizers	22900	41350	18450	1.8	21900	65250	43350	2.97
2	IPFD 12-02+Zero tillage +HYV+Biofertilizers	21340	45700	24360	2.14	22350	58600	36250	2.62
3	Sabour Tisi-1+Zero tillage +HYV+Biofertilizers	15600	44550	28950	2.85	17300	63250	45950	3.65
4	R.Suflam+Zero tillage +HYV+Biofertilizers	16300	49500	33200	3	19700	77000	57300	3.9
5	Ganga+ Zero tillage +HYV+Biofertilizers	26700	52650	25950	1.97	29200	63400	34200	2.17
6	GT-04+Zero tillage +HYV+Biofertilizers	15350	26500	11150	1.72	16100	35450	19350	2.2
7	IPM -205-07+Zero tillage +HYV+Biofertilizers	23500	46450	22950	1.97	24000	64800	40800	2.7
8	IPL-220+HYV+Biofert	Crop standing							
9	Pitambari +HYV+Biofert+IPM								

B. Socio-economic impact parameters 2022

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 toother farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Lentil and HUL-57							
2	Mustard and R.Suflam	450	400	55	56	45	Daily expenses	11
3	Linseed and Sabour Tisi	1400	1150	72	75	75	Daily expenses	02
4	Field Pea and IPFR10-12	1750	1200	48	70	45	Daily expenses	8
5	Sunflower and Ganga	2150	1350	62	25	42	Daily expenses	12
6	Sesame and GT-04	850	350	120	30	20	Daily expenses	11
7	Green Gram and IPM -205-07	900	400	70	30	80	Daily expenses	10
8	Lentil and IPL-220	Crop standing						
9	Mustard and Pitambari							

C. Pulses/Oilseed Farmers' perception of the intervention demonstrated 2022

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	HUL-57+Zero tillage +HYV+Biofertilizers	YES	LIKED	Affordable	NO	YES	Variety should be bold grained and Stem rot resistant
2	IPFD 12-02+Zero tillage +HYV+Biofertilizers	YES	LIKED	Affordable	NO	YES	Variety should be bold grained and Stem rot resistant
3	Sabour Tisi-1+Zero tillage +HYV+Biofertilizers	YES	LIKED	Affordable	NO	YES	Variety should be bold grained and Stem rot resistant
4	R.Suflam+Zero tillage +HYV+Biofertilizers	YES	LIKED	Affordable	NO	YES	Variety should be bold grained and Stem rot resistant
5	Ganga+ Zero tillage +HYV+Biofertilizers	YES	LIKED	Affordable	NO	YES	Variety should be bold grained and Stem rot resistant
6	GT-04+Zero tillage +HYV+Biofertilizers	YES	LIKED	Affordable	NO	YES	Variety should be bold grained and Stem rot resistant
7	IPM -205-07+Zero tillage +HYV+Biofertilizers	YES	LIKED	Affordable	NO	YES	Variety should be bold grained and Stem rot resistant
8	IPL-220+HYV+Biofert	Crop Standing					
9	Pitambari +HYV+Biofert+IPM						

D. Specific Characteristics of Technology and Performance

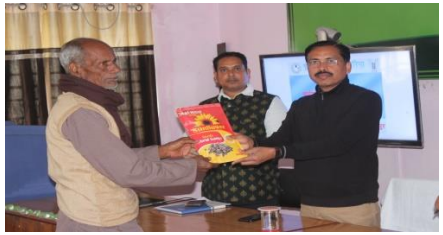
Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Lentil	Profusely branched	Local var. Mithki do not show profuse branching	Variety should be rust and pod borer resistant
Field Pea	Suitable for spring season under irrigated condition.	High yielding with incidence of charcoal rot.	Suitable for spring season under irrigated condition.
Linseed	Suitable for spring season under irrigated condition.	High yielding with incidence of charcoal rot.	Suitable for spring season under irrigated condition.
Mustard	Suitable under late sown condition after paddy harvesting	Local variety is not suitable for late condition and grains become undersized.	Variety should be bold grained and Stem rot resistant.
Sunflower	Suitable for spring season under irrigated condition	Suitable for spring season under irrigated condition	Good variety but needs 5 to 6 irrigations for higher yield.
Sesame	Suitable for spring season under irrigated condition.	High yielding with incidence of charcoal rot.	Suitable for spring season under irrigated condition.
Green Gram	High yielding but no synchronous maturity	Medium size grain with high yielding but YVM incidence in later stage.	High yielding but no synchronous maturity and YVM incidence in later stage.
Lentil	Crop Standing		
Mustard			

E. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training	03/02/2022,Baharbari	25
2	Training	17-18/02/2022,KVK	31
3	Training	01-02/02/2022,KVK	27
4	Field day	18/03/2022,Joginder	81
5	Training	14-15/02/2022	31

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

C. Farmers' training photographs




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



J. Details of budget utilization

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

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

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production	4	78	24	102	0	0	0	0	0	0	78	24	102
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production (Makhana)	1	23	7	30	0	0	0	0	0	0	23	7	30
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (Sunflower)	2	16	0	16	0	0	0	46	0	46	62	0	62
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable) Mushroom Cultivation	4	20	32	52	3	50	53	0	0	0	23	82	105
Training and pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													

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
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post-harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management	2	63	8	71	4	12	16	8	0	8	75	20	95
Poultry Management	2	35	15	50	4	8	12	2	4	6	41	27	68
Piggery Management													
Rabbit Management													
Disease Management	1	0	0	0	0	12	12	0	0	0	0	12	12
Feed management													
Production of quality animal products													
Others, if any Goat farming	3	25	32	57	2	4	6	0	0	0	27	36	63
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management	2	42	0	42	0	0	0	47	0	47	89	0	89
Integrated Disease Management	3	76	0	76	0	0	0	29	0	29	105	0	105
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax													

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
sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	**24**	**378**	**118**	**496**	**13**	**86**	**99**	**132**	**4**	**136**	**523**	**208**	**731**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	1	0	22	22	0	0	0	0	0	0	0	22	22
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Goatery	1	6	12	18	0	12	12	0	0	0	6	24	30
Quail farming													
Piggery													
Feed Management	2	14	8	22	2	36	38	0	0	0	16	44	60
Poultry production													
Ornamental fisheries													
Enterprise development													

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
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL	**4**	**20**	**42**	**62**	**2**	**48**	**50**	**0**	**0**	**0**	**22**	**90**	**112**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Value addition													
Integrated Pest Management	5	128	8	136	11	0	11	0	0	0	139	8	147
Integrated Nutrient management	1	4	10	14	0	0	0	0	0	0	4	10	14
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements	1	73	7	80	8	1	9	1	0	1	82	8	90
WTO and IPR issues													
Management in farm animals													
Dairy Farming	1	25	2	27	2	0	2	0	0	0	27	2	29
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs (Natural Farming)	2	57	1	58	2	0	2	0	0	0	59	1	60
Gender mainstreaming through SHGs													
Other	1	2	1	3	0	0	0	0	0	0	2	1	3
TOTAL	**11**	**289**	**29**	**318**	**23**	**1**	**24**	**1**	**0**	**1**	**313**	**30**	**343**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production	1	40	0	40	0	0	0	0	0	0	40	0	40
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management	1	38	2	40	2	0	2	0	0	0	40	2	42
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops) Natural Farming	1	92	22	114	8	0	8	0	0	0	100	22	122
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable) Mushroom Cultivation	1	0	0	0	2	23	25	0	0	0	2	23	25
Training and pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													

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
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post-harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management	4	234	16	250	16	4	20	0	0	0	250	20	270
Poultry Management	2	92	0	92	8	0	8	0	0	0	100	0	100
Piggery Management													
Rabbit Management													
Disease Management	2	45	30	75	2	4	6	0	0	0	47	34	81
Feed management	1	94	48	142	0	0	0	0	0	0	94	48	142
Production of quality animal products													
Others, if any Goat farming	4	150	78	228	0	0	0	0	0	0	150	78	228
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for													

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
high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management	2	55	7	62	1	0	1	0	0	0	56	7	63
Integrated Disease Management	6	197	0	197	8	0	8	0	0	0	205	0	205
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													

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
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	**25**	**1037**	**203**	**1240**	**47**	**31**	**78**	**0**	**0**	**0**	**1084**	**234**	**1318**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	1	0	25	25	0	7	7	0	0	0	0	32	32
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													

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
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying	2	60	0	60	0	0	0	0	0	0	60	0	60
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production	3	94	6	100	0	0	0	0	0	0	94	6	100
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any (Entrepreneurship Development)	1	32	9	41	2	0	2	0	0	0	34	9	43
TOTAL	**7**	**186**	**40**	**226**	**2**	**7**	**9**	**0**	**0**	**0**	**188**	**47**	**235**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
IFS	1	21	4	25	0	0	0	0	0	0	21	4	25
Entrepreneurship	1	29	1	30	0	0	0	0	0	0	29	1	30
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													

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
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Goatery	1	22	8	30	0	0	0	0	0	0	22	8	30
Artificial Insemination	1	28	0	28	2	0	2	0	0	0	30	0	30
Poultry Farming	1	22	8	30	0	0	0	0	0	0	22	8	30
TOTAL	**5**	**122**	**21**	**143**	**2**	**0**	**2**	**0**	**0**	**0**	**124**	**21**	**145**

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	5	118	24	142	0	0	0	0	0	0	118	24	142
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management	1	38	2	40	2	0	2	0	0	0	40	2	42
Seed production (Makhana)	1	23	7	30	0	0	0	0	0	0	23	7	30
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs (Natural Farming)	1	92	22	114	8	0	8	0	0	0	100	22	122
Others (Sunflower)	2	16	0	16	0	0	0	46	0	46	62	0	62
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any (Cultivation of Vegetable) Mushroom Cultivation	5	20	32	52	5	73	78	0	0	0	25	105	130
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													

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
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management	6	297	24	321	20	16	36	8	0	8	325	40	365
Poultry Management	4	127	15	142	12	8	20	2	4	6	141	27	168
Piggery Management													
Rabbit Management													
Disease Management	3	45	30	75	2	16	18	0	0	0	47	46	93
Feed management	1	94	48	142	0	0	0	0	0	0	94	48	142
Goatery	7	175	110	285	2	4	6	0	0	0	177	114	291
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL													
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post-Harvest Technology													
Others, if any													
TOTAL													
VII. Plant Protection													
Integrated Pest Management	4	97	7	104	1	0	1	47	0	47	145	7	152
Integrated Disease Management	9	273	0	273	8	0	8	29	0	29	310	0	310
Bio-control of pests and diseases													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL													
XII. Others (Pl. specify)													
TOTAL	**49**	**1415**	**321**	**1736**	**60**	**117**	**177**	**132**	**4**	**136**	**1607**	**442**	**2049**

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	2	0	47	47	0	7	7	0	0	0	0	54	54
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying	2	60	0	60	0	0	0	0	0	0	60	0	60
Sheep and goat rearing													
Feed Management	2	14	8	22	2	36	38	0	0	0	16	44	60
Goatery	1	6	12	18	0	12	12	0	0	0	6	24	30
Rabbit farming													
Poultry production	3	94	6	100	0	0	0	0	0	0	94	6	100
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													

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
Small scale processing													
Post-Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development	1	32	9	41	2	0	2	0	0	0	34	9	43
Others if any (ICT application in agriculture)													
TOTAL	**11**	**206**	**82**	**288**	**4**	**55**	**59**	**0**	**0**	**0**	**210**	**137**	**347**

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													
Integrated Pest Management	5	128	8	136	11	0	11	0	0	0	139	8	147
Integrated Nutrient management	1	4	10	14	0	0	0	0	0	0	4	10	14
Rejuvenation of old orchards													
Dairy Farming	1	25	2	27	2	0	2	0	0	0	27	2	29
Goatery	1	22	8	30	0	0	0	0	0	0	22	8	30
IFS	1	21	4	25	0	0	0	0	0	0	21	4	25
Poultry Farming	1	22	8	30	0	0	0	0	0	0	22	8	30
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
Farm Machineries	1	73	7	80	8	1	9	1	0	1	82	8	90
Natural Farming	2	57	1	58	2	0	2	0	0	0	59	1	60
Management in farm animals													
Livestock feed and fodder production													
Household food security													

Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Entrepreneurship	1	29	1	30	0	0	0	0	0	0	29	1	30
Gender mainstreaming through SHGs													
Crop intensification													
Others if any Artificial Insemination	1	0	28	2	0	2	0	0	0	30	0	30	30
Other	1	2	1	3	0	0	0	0	0	0	2	1	3
TOTAL	**16**	**383**	**78**	**435**	**23**	**3**	**24**	**1**	**0**	**31**	**407**	**81**	**488**

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
Animal Science	PF	Management of goat during winter season	1	ON	11	12	23	2	4	6
Animal Science	PF	Management of Backyard Poultry Farming	1	ON	18	20	38	6	12	18
Animal Science	PF	Entrepreneurship development for rural women through mushroom cultivation	1	ON	13	10	23	1	2	3
Animal Science	PF	Scientific sunflower farming	2	ON	31	0	31	23	0	23
Animal Science	PF	Mushroom Cultivation	2	ON	2	23	25	2	23	25
Animal Science	PF	Scientific sunflower farming	2	ON	31	0	31	23	0	23
Animal Science	PF	Mushroom cultivation	2	OFF	2	23	25	2	23	25
Animal Science	PF	Estrus detection & Sex sorted semen	1	ON	57	8	65	10	2	12
Animal Science	PF	1. Layer Management 2. New Technologies in Poultery Farming	1	OFF	50	0	50	4	0	4
Animal Science	PF	1. Selection of dairy animal & Breed	1	OFF	50	0	50	4	0	4

		2. Blood protozoan diseases in Dairy Animal								
Animal Science	PF	Scientific cultivation of Till (Under CFLD)	2	ON	31	0	31	0	0	0
Animal Science	PF	Scientific cultivation of Makhana	2	ON	23	7	30	0	0	0
Animal Science	PF	Scientific Cultivation of Paddy	1	ON	8	12	20	0	0	0
Animal Science	PF	Disease Management in Goat	1	ON	8	12	20	0	0	0
Animal Science	PF	How to Utilize of cow dung and Urine in natural farming	1	OFF	75	10	85	4	2	6
Animal Science	PF	.Layer management 2.New technologies in poultry farming	1	OFF	50	0	50	4	0	4
Animal Science	PF	1. Selection of dairy animal & Breed. 2. Blood protozoan diseases in dairy animals. BAU	1	OFF	50	0	50	4	0	4
Animal Science	PF	Scientific cultivation of Till (Under CFLD)	2	ON	31	0	31	0	0	0
Animal Science	PF	Scientific Cultivation of Makhana	2	ON	23	7	30	0	0	0
Animal Science	PF	Scientific cultivation of Paddy	1	ON	8	12	20	0	0	0
Animal Science	PF	Disease management in goat	1	ON	8	12	20	0	0	0
Animal Science	PF	How to utilization of Cow dung and Urine in natural farming	1	OFF	75	10	85	4	2	6
Animal Science	PF	Importance of Natural farming.	1	OFF	100	22	122	8	0	8
Animal Science	PF	Importance of drip irrigation.	1	OFF	40	2	42	2	0	2

Animal Science	PF	Milky Mushroom production technique.	5	ON	4	31	35	0	25	25
Animal Science	PF	Management of Goat during rainy season.	1	OFF	0	16	16	0	0	0
Animal Science	PF	Importance of Goat Milk & Clean milk production.	1	OFF	30	0	30	0	0	0
Animal Science	PF	Goat based employment like Meat, Skin, Fibre etc.	1	OFF	30	0	30	0	0	0
Animal Science	PF	Management of Weed in Kharif Crop	1	OFF	40	0	40	0	0	0
Animal Science	PF	Prevention of FMD & Lumpy Skin Diseases	1	OFF	14	18	32	0	0	0
Animal Science	PF	Balance Feed for dairy animals	1	OFF	94	48	142	0	0	0
Animal Science	PF	Different aspects of success dairy farming	5	ON	18	12	30	2	10	12
Animal Science	PF	Women empowerment trough Goatery	1	OFF	90	62	152	0	0	0
Animal Science	PF	Prevention of FMD, H.S & BQ disease in dairy animals	2	OFF	33	16	49	2	4	6
Animal Science	PF	IPM in Lentil & Mustard	2	ON	47	0	47	47	0	47
Animal Science	PF	IDM in Oil & pulse Seed	2	ON	29	0	29	29	0	29
Animal Science	PF	Disease management in goat	2	ON	0	12	12	0	12	12
Animal Science	PF	Button mushroom Technique	2	ON	4	18	22	0	0	0
Plant Protection	PF	IDM in Rice	2	OFF	22	0	22	0	0	0
Plant Protection	PF	IPM in Rabi Crops	2	OFF	21	0	21	1	0	1
Plant Protection	PF	IDM in Rabi Crops	2	OFF	23	0	23	3	0	3
Plant Protection	PF	IPM in Mustard and Lentil	2	ON	47	0	47	0	0	0
Plant Protection	PF	IDM in Potato	1	ON	42	0	42	0	0	0
Plant	PF	IDM in Oilseed	2	ON	29	0	29	0	0	0

Protection		and Pulses								
Plant Protection	PF	IDM in Potato	1	OFF	27	0	27	0	0	0
Plant Protection	PF	IDM in Potato	1	OFF	42	0	42	0	0	0
Plant Protection	PF	IDM in Maize	1	OFF	58	0	58	0	0	0
Plant Protection	PF	IDM in Maize	1	OFF	35	7	42	0	0	0
Plant Protection	PF	Diagnosis and management of Crop diseases and pests in CRA	2	OFF	33	0	33	5	0	5
Animal Science	RY	Scientific Goat Farming	4	ON	6	24	30	0	12	12
Animal Science	RY	Layer Farming	1	OFF	30	0	30	0	0	0
Animal Science	RY	Poultry Farming: Modern Technique	1	OFF	30	0	30	0	0	0
Animal Science	RY	Poultry Farming	2	OFF	34	6	40	0	0	0
Animal Science	RY	Internal & External Body parts of Cow	1	OFF	30	0	30	0	0	0
Animal Science	RY	Male & Female genital Organs of Cattle its structure and functions	1	OFF	30	0	30	0	0	0
Animal Science	RY	Feed management on dairy animals	4	ON	10	20	30	1	18	19
Animal Science	RY	Balance feed for dairy animals and crop residual management	4	ON	6	24	30	1	18	19
Plant Protection	RY	Button Mushroom cultivation	2	ON	0	22	22	0	0	0
Plant Protection	RY	Button Mushroom Production and crop residue management	4	OFF	0	32	32	0	7	7
Plant Protection	RY	From Progressive Farmers to Agripreneurs	1	OFF	34	9	43	2	0	2
Animal Science	EF	Preparation of Kitchen Garden	1	ON	4	10	14	0	0	0
Animal Science	EF	LaserLand Labler Virtual Training	1	ON	82	8	90	9	1	10
Animal Science	EF	Scope and Opprtunities in dairy Farming	1	ON	27	2	29	2	0	2
Animal Science	EF	KVK Mandate & Functions	2	ON	2	1	3	0	0	0
Animal Science	EF	Importance of Natural farming & Vermicompost	1	ON	30	0	30	2	0	2

Animal Science	EF	Doubling Farmers' income Strategies	1	OFF	29	1	30	0	0	0
Animal Science	EF	Natural Farming	1	ON	29	1	30	0	0	0
Animal Science	EF	Goat Farming	1	OFF	22	8	30	0	0	0
Animal Science	EF	Poultry farming: New Tecnique	1	OFF	22	8	30	0	0	0
Animal Science	EF	IFS	1	OFF	21	4	25	0	0	0
Animal Science	EF	External body parts of Cow.	1	OFF	30	0	30	2	0	2
Plant Protection	EF	IPM in Rabi Crops	2	OFF	20	3	23	0	0	0
Plant Protection	EF	IPM in Rabi Crops	2	OFF	12	3	15	0	0	0
Plant Protection	EF	IPM in Rabi Crops	2	OFF	37	0	37	5	0	5
Plant Protection	EF	IPM in Rabi Crops	2	OFF	26	0	26	0	0	0
Plant Protection	EF	IPM in Rabi Crops	2	OFF	44	2	46	6	0	6

H) Vocational training programmes for Rural Youth :NA

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	

**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	Back Yard Poultry Farming		Feb.	3			18	0	2	4	0	16	22	4	0	26	Department of Animal Husbandry & Dairy
2	Livestock Feed Management in relevant to climate change		March	3			18	3	0	20	4	0	38	23	7	68	Department of Animal Husbandry & Dairy
3	Modern Dairy Management		March	3			40	3	0	5	2	0	45	8	5	58	Department of Animal Husbandry & Dairy
4	Use of Agrochemicals		Oct.	1			40	0	0	0	0	0	40	0	0	40	DAESI, ATMA, Araria
5	Weeds and their Classification		Oct.	1			40	0	0	0	0	0	40	0	0	40	DAESI, ATMA, Araria
6	Weed Management Methodsn different Crops		Oct.	1			40	0	0	0	0	0	40	0	0	40	DAESI, ATMA, Araria
7	IDM in Rabi Maize		Oct.	1			135	0	0	0	0	0	135	0	0	135	ATMA Araria
8	IDM in Rabi Maize		Oct.	1			123	0	0	0	0	0	123	0	0	123	ATMA Araria
9	IDM in Rabi Maize		Oct.	1			141	0	0	0	0	0	141	0	0	141	ATMA Araria
10	IDM in Rabi crops in District Yantrikaran Mela		Oct.	1			257	0	0	0	0	0	257	0	0	257	DAO Araria

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										
Production and value addition										
Fruit Plants										
Ornamental plants										
Spices crops										
Soil health and fertility management										
Production of Inputs at site										
Methods of protective cultivation										
Other										
Total										
Post harvest technology and value addition										
Processing and value addition										
Other										
Total										
Farm machinery										
Farm machinery, tools and implements										
Other										
Total										
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										
Other										
Total										
Grant Total										

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 (% of total)	Male	Female	Total	Male	Female	Total
Kisan Mela organized	1	341	79	420	18.56	15	7	22	356	86	442
Kisan Mela participated	1	5	0	5	0	2	0	2	7	0	7
Field Day	4	389	373	762	8.6	10	2	12	399	375	774
Kisan Ghosthi	9	435	179	614	12.4	5	1	6	440	180	620
Exhibition organized	3	362	109	477	18.2	5	0	5	367	109	476
Participation in exhibition	3	421	109	530	6.8	0	0	0	421	109	530
Film Show											
Method Demonstrations											
Farmers Seminar											
Workshop	9	1119	488	1609	15.2	7	0	7	1126	488	1614
Group discussion											
Lectures delivered as resource persons	104	4065	1135	5200	18.5	4	1	5	4069	1136	5205
Advisory Services											
Scientific visit to farmers field	12	320	175	495	16.4	5	0	5	325	175	500
Farmers visit to KVK	12	755	51	806	14.2	2	0	2	757	51	808
Diagnostic visits	11	77	83	160	8.8	1	0	1	78	83	161
Exposure visits	11	1039	379	1418	17.4	3	0	3	1042	379	1421
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp											
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
Mahila Mandals Conveners meetings											
Special day celebration											
Sankalp Se Siddhi											
Swatchta Hi Sewa											
Celebration of important date											
Others											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	215
Radio talks	4
TV talks	10
Popular articles	11
Extension Literature	10
Electronic media	43
Animal health camp	
Any other	

C. Celebration of important days in KVKs

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	97	15	112	15.2	5	2	7	102	17	119
International Women's Day (8th Mar.)	1	13	52	65	14.4	2	1	3	15	53	68
Ambedkar Jayanti (14th Apr.)											
International Yoga Day (21st Jun.)	1	28	0	28	10.5	3	0	3	31	0	31
Independence Day (15th Aug.)	1	102	21	123	10.8				102	21	123
Parthenium Awareness Week											
Hindi Diwas (14th Sep.)	1	38	04	42	7.0	4	0	4	42	4	46
Gandhi Jayanti (2nd Oct.)	1	12	2	14	6.5	1	0	1	13	2	15
Mahila Kisan Diwas (15th Oct.)	1	8	40	48	12.5	2	4	6	10	44	54
World Food Day (16th Oct.)	1	222	210	432	10.0	5	2	7	227	212	439
Vigilance Awareness Week											
National Unity Day (31st Oct.)	1	46	10	56	10.5	1	0	1	47	10	57
World Science Day (10th Nov.)											
National Education Day (11th Nov.)											
National Constitution Day (26th Nov.)	1	20	0	20	20	0	0	0	20	0	20
World Soil Day (5th Dec.)	1	74	42	116	20	1	0	1	75	42	117
Kisan Diwas (23rd Dec.)	1	94	47	141	24	3	0	3	97	47	144
National Girl Chield Day	1	5	17	22	50	4	2	6	9	19	28
World Veterinary Day	1	26	18	44	50	3	1	4	29	19	48
World Environment Day	1	10	22	32	20	2	0	2	12	22	34
94th ICAR Foundation day	1	118	127	245	15.6	3	1	4	121	128	249
National Nutritional Week Programme	1	10	16	26	31	2	1	3	12	17	29
National Women Farmers Day	1	12	32	44	25	5	2	7	17	34	51
Agriculture Education Day	1	14	18	32	37.5	1	2	3	15	20	35

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	01/1/2022	PM LIVE Programme	Interaction of Hon'ble PM	70	15	0	85
2	31.05.2022	PM Live Programme on Garib Kalayan Sammelan	Interaction of Hon'ble PM	138	15	0	153
3	16.07.2022	94th ICAR Foundation day Live Cum Farmer Interface Programme	Live telecast programme Hon'ble AM	245	15	0	260
4	17.10.2022	PM Kisan Sammellan programme	Interaction of Hon'ble PM	423	15	0	438
5	04.05.2022	Virtually Hon'ble Agriculture Minister Bihar programme organised at KVK under CRAP.	Live telecast peogramme Hon'ble AM				

3.5 a. Production and supply of Technological products

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	57.50	2,58,750				
Potato	K.Kayati	41.50	1,24,500				
Paddy	Sabour Sampann	219.23	8,76,920				
Paddy	Sabour Sri	50.30	2,01,200				
Wheat	DBW-14	Crop Standing					
Potato	K.Pukhraj	Crop Standing					
Makhana	Sabour Makhana-1	10					
Grand Total							

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	P S B K- I	30000					
Cabbage							
Tomato	Kashi Abhiman	40,000					
Brinjal	Pusa Shyamala	35000					
Chilli							
Bottle Gourd	PS	200					
Others							
Fruits							
Mango	Jardalo	205					
	Malda	430					
	Amrapali	3850					
	Hemsagar	515					
Others							
Ornamental plants							
Medicinal and Aromatic							
Plantation							
Spices							

Turmeric							
Tuber							
Elephant yams							
Fodder crop saplings							
Forest Species							
Others, pl.specify							
Total							

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted			
			SC	ST	Other	Total
Bio-fertilizers						
Bio-pesticide						
Bio-fungicide						
Bio-agents						
Others, please specify.						
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							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat							
Other, please specify							
Poultry							
Broilers							
Layers							
Duals (broiler and layer)							
Japanese Quail							
Turkey							
Emu							
Ducks							
Others (Pl. specify)							
Piggery							
Piglet							
Hog							
Others (Pl. specify)							
Fisheries							
Indian carp							
Exotic carp							
Mixed carp							
Fish fingerlings							
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: **NIL**

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

ii) Quality Seed Production of Pulses

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

iii) Financial Progress

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

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	ISBN No./ISSN Copy	Circulation
Research paper	1. Kumar S. *et al.* (2022). Studies of variability in *A. brassicae* isolates causing blight disease of Mustard in Bihar. *The Pharma Innovation*, SP-11(70):4466-4470. NAAS 5.23	Sanjeet Kumar *et al.*	ISSN No: (P) 2277-7695 (Online):) 2349-8242	
	2.Kumar S. *et al.* (2022). Effect of Sowing Dates and Spacing on Alternaria Blight of Mustard and Economics of Cultivation. *Biological Forum-An International Journal.* 14(3):955-960. NAAS 5.11	Sanjeet Kumar *et al.*	ISSN No: 0975-1130(Print 2249-3239(Online):)	
Seminar/conference/ symposia papers	1. Vinod Kumar *et al.* (2022). Socio economic impact of different rice establishment methods. Int. Conf. on System of Crop Intensification on 12-14 Dec 2022 at IIRR Hyderabad	Vinod Kumar *et al.*	Oral Presentation	
	2. Kumar S. *et al.* (2022). Studies on variability and management of *Alternaria brassicae*: An incitant of Leaf blight of Mustard. National Symposium IPS EZ at RPCAU Pusa dated 23-24.01.2023	Sanjeet Kumar *et al.*	Best Oral Presentation	
	3. Kumar S. *et al.* (2022). Studies on management of Alternaria leaf Blight of Mustard. National Symposium IPS EZ at RPCAU Pusa dated 23-24.01.2023	Sanjeet Kumar *et al.*	Oral Presentation	
Books				
Bulletins	**Ykstj yS.M ysofyax izf'k{k.k eSuqvy**	**fouksn dqekj] jRus'k dqekj]q pkS/kjh] vfuy dqekj] izHkkr dqekj larks"k dqekj iafMr]**		
News letter				
Popular Articles	Ykaih fLdu chekjh% y{k.k ,oa cpko ds mik;	**jRus'k dqekj]q pkS/kjh o vU;**		
Book Chapter				
Extension Pamphlets/ literature	1- Lkjlksa dh oS+Kkfud [ksrh o mlesa lesfdr jksx o dhV izca/ku	**fouksn dqekj] lathr dqekj] jRus'k dqekj]q pkS/kjh] vfuy dqekj] euh"k dqekj] izHkkr dqekj o larks"k dqekj iafMr**		1000
	2- rhlh dh oS+Kkfud [ksrh o mlesa lesfdr jksx o dhV izca/ku			1000
	3- eVj dh oS+Kkfud [ksrh o mlesa lesfdr jksx o dhV izca/ku			1000
	4- elwj dh oS+Kkfud [ksrh o mlesa lesfdr jksx o dhV izca/ku			1000
	5- lq;Zeq[kh dh oS+Kkfud [ksrh o mlesa lesfdr jksx o dhV izca/ku			1000
	6- jch eDdk dh oS+Kkfud [ksrh o mlesa lesfdr jksx o dhV izca/ku			1000
	7- /kku dh [ksrh esa lesfdr jksx o dhV izca/ku	**lathr dqekj o fouksn dqekj**		1000
	8- tkM+s dh lfCt;ksa esa lesfdr jksx o dhV izca/ku	**lathr dqekj o fouksn dqekj**		1000
	9- xsgwa dh [ksrh esa lesfdr jksx o dhV izca/ku	**lathr dqekj o fouksn dqekj**		1000
	10- vke ds vf/kdre mRiknu gsrq lesfdr jksx o dhV izca/ku	**lathr dqekj o fouksn dqekj**		1000
	11- vk/kqfud Ik'kq izca/ku vkSj rduhd	**jRus'k dqekj]q pkS/kjh] o fouksn dqekj**		1000
	12- cSd;kMZ eqxhZ ikyu ,oa izca/ku	**jRus'k dqekj]q pkS/kjh] o fouksn dqekj**		1000
	13- nq/kk# Ik'kqvksa esa ijthoh jksx ds y{k.k ,oa izca/ku	**jRus'k dqekj]q pkS/kjh] o fouksn dqekj**		1000
	14- vk/kqfud cdjh ikyu ,oa m|ferk fodkl	**jRus'k dqekj]q pkS/kjh] o fouksn**		1000

		dqekj		
Technical reports	1.Annual Action Plan 2022 2.Annual Progress Report 2021 3. 23rd Extension Council Report Sept 2022 4. 13th SAC Report 2022.	R K Choudhary & Vinod Kumar		
Electronic Publication (CD/DVD etc)				
TOTAL				1400

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.	Training	New advances in Veterinary science	R.K.Choudhary; SMS Animal Science	03-05.03.2022	BASU Patna
2.	Workshop	Zonal workshop of KVKs	Vinod Kumar & R.K.Choudhary	6-8.08.2022	ATARI Patna
3.	Workshop	OFT Finalisation Workshop for Plant Protection	Sanjeet Kumar; SMS Plant Pathology	28-29.09.2022	ATARI Patna
4.	Workshop	OFT Finalisation Workshop for Animal Science	R.K.Choudhary; SMS Animal Science	27-28.09.2022	ATARI Patna

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

Name of farmer	
Address	
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	
Name and description of the farm/ enterprise	
Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	

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 technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology

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

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)

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

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

Sl. No	Name of the Equipment	Qty.

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

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	407	15	261	-
2.	Water	-	-	-	-
3.	Plant	18	10	88	-
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	World Soil Day	116	0	0	116	116

3.12. Activities of Rain Water Harvesting structure and micro irrigation system**: NA**

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

3.13. Technology week celebration :**NA**

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

3.14. RAWE/ FET programme - is KVK involved? (Y)

No of student trained	No of days stayed
18	242

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
31/01/2022	Dr. Parash Nath, Assosciate Dean-Cum-Principal	Long term experiment at KVK, Farm & KVK Monitoring
25/02/2022	Dr. R. N. Singh, ADEE, BAU, Sabour	KVK Visit CRA Field Visit
11/03/2022	Shri. Pradeep Singh, **MP,** Araria	Exposure Visit Cum Workshop
26/04/2022	Shri. Pradeep Singh, **MP**, Araria & Vijay Kumar Mandal, MLA,Sikti	Kisan Mela cum Exhibition
18/05/2022	Shri. Dayanand, Kumar, DDM, NAWARD	Workshop
31/05/2022	Shri. Pradeep Singh, **MP**, Araria	Garib Kalyan Sammelan
01/06/2022	Dr. Parash Nath, Assosciate Dean-Cum-Principal	Makhana Field Visit
03/06/2022	Shri. Manchan Kesri, **MLA**, Forbisganj	Laser Land Lever Demonstration
13/07/2022	Dr. Parash Nath, Assosciate Dean-Cum-Principal	CRA Field Visit
27/08/2022	Shri. Pradeep Singh**, MP**, Araria & Shri. Manoj Kumar, DDC, Araria	Plantation Programme
01/09/2022	Dr. Sukumar Mandi, Joint Secretory, Rice Research Institute, Patna	CRA field Visit
17/09/2022	Shri. Pradeep Singh, **MP**, Araria	Plantation Programme
17/10/2022	Shri. Pradeep Singh, **MP**, Araria	PM Kisan Samman Sammelan

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)

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

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

Thematic area	
Name of the Innovation	
Details of Innovator	
Back ground of innovation	
Technology details	
Practical utility of innovation	

4.5. Details of entrepreneurship development

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

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Bihar Koshi Beshin Project	Training & Transfer of technology
Nehru Yuva Kendra (NYK)	Training & Transfer of technology
NABARD	Training & Transfer of technology
DAO	Training & Transfer of technology
ATMA	Training & Transfer of technology
District Animal Husbandry Office	Training & Transfer of technology
District Dairy Development Office	Training & Transfer of technology
District Fishery Office	Training & Transfer of technology
Jeevika	Training & Transfer of technology
RSETI, SBI	Training
IFFCO	Training & Transfer of technology
D.D.C. DRDA, Araria	Training
PRADAN Araria	Technical guidance and training
Radio Station, Purnea	Tele casting of Agricultural Programme
E.T.V., Bihar	Broadcasting of Agricultural Programme
DHO, Araria	Training & Transfer of technology
DTO, Araria	Training
SSB, Araria	Training

5.2. List of special programme undertaken during 2022 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

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

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

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Kishan Bhagidari Prathimikta Hamari	Mela & Exhibition	26.04.2022	ICAR	90,280

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.	Poultry Unit								
2.	Goatery Unit	2013	23	Black Bangal, Sirohi					
3.	Mushroom Unit								
4.	Vermi Compost Unit	2011	50		Vermic ompost	2.5			
5.									
6.									
7.									
	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	
Wheat	5-12-21	25-04-22	4.15	HD-2967	CS	57.50	145250	258750	
Potato	14-12-21	16-03-22	0.20	K.Kayati	FS	41.50	22800	124500	
Paddy	Firsh Week of July2022	25-11-22	3.93	Sabour Sampann	CS	219.23	149340	876920	
Paddy	20-06/2022	20-11-22	1.00	Sabour Sri	CS	50.30	39500	201200	
Makhana	05/02/2022	7-11-22	1.00	Sabour Makhana-1	TS	10.00	45000	180000	

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

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

6.4. Performance of instructional farm (livestock and fisheries production)

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

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
April-2022 to July2022	10	120	RAWE
Sept.2022 to Jan2023	8	124	RAWE
Total :	**18**	**244**	

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:

No. of staff quarters:

Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
Since July 2014	PC	Scientist	FM	Driver	Driver	Nil

7.FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current A/C	SBI	ADB, Araria	11216455272
Saving A/C	SBI	ADB, Araria	11216456220

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Mustard		1,20,000		89500	30500
Sunflower		240000 (Summer)		195000 (Summer)	40500

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2022
	Kharif	Rabi	Kharif	Rabi	
Lentil	180000		153700		26300

7.4. Utilization of KVK funds during the year 2022 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	1,16,21,148	1,16,21,148	86,75,016
2	Traveling allowances	75,000	75,000	74,827
3	Contingencies			
A	Contingencies			
B		2,00,000	2,00,000	1,89,720
C	HRD			
D		15,000	7,000	8,000
E	Training & Others	4,25,000	4,25,000	3,82,650
F	SCSP (General)	1,50,000	1,50,000	1,07,020
G				
H				
I				
J				
TOTAL (A)		**1,24,78,148**	**1,2478,148**	**94,37,233**
B. Non-Recurring Contingencies				
1	SCSP (Capital)	2,00,000	2,00,000	1,60,500
2				
3				
4				
TOTAL (B)		**2,00,000**	**2,00,000**	**1,60,500**
C. REVOLVING FUND		-	-	-
GRAND TOTAL (A+B+C)		**1,26,78,148**	**1,26,78,148**	**95,97,733**

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2019-20	822656	1082994	764842	1140808
2020-21	1140808	1114820	880442	1375126
2021-22	1375126	1454701	719110	2110717
2022-23	2110717	2102537	400432	3812822 , kind-13,69,000

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

7.7.a. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both
Farmers Scientist Interaction	4	Rabi & Kharif		ATMA	
Kisan Gosti	10	Rabi & Kharif		ATMA	
Kisan Mela	2	Rabi & Kharif		ATMA	
Exposure Visit	4	Rabi & Kharif		ATMA	
DAESI	38	Rabi & Kharif		ATMA	
Block Level Training	18	Rabi & Kharif		ATMA	

Rabi Mohotsab	2	Rabi & Kharif		ATMA	
Exposure visit cum Workshop	4	Rabi & Kharif	DAO, ATMA , JEEVIKA,		

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	Rice	21.9.2022	15400	20%	12000
Alternaria blight	Mustard	12.12.2022	2500	40	2000
Die Back	Mango	15.11.2022	400	60	225

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)

9.1. Nehru Yuva Kendra (NYK) Training: **NA**

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

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

Type of message	No. of messages	No. of farmers covered
Crop		
Livestock		
Fishery		
Weather	3	68751
Marketing		
Awareness		
Training information		
Other		
Total		

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	16331908
2.	No. of farmers registered in the portal	756543
3.	Mobile Apps developed by KVK	

4.	Name of the App	
5.	Language of the App	
6.	Meant for crop/ livestock/ fishery/ others	
7.	No. of times downloaded	

9.5 Kisan Mobile Advisory Services (KMAS)

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

9.6.a. Observation of Swachha Bharat Programme/Pakhwara

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

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office		
2. Basic maintenance		
3. Sanitation and SBM		
4. Cleaning and beautification of surrounding areas	186	6000
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste		
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	2	
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner		
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)		

14. No. of Staff members involved in the activities	15	-
15. No of VIP/VVIPs involved in the activities	-	
16. Any other specific activity (in details)	-	
Total		

9.7. Observation of National Science Day: **NA**

Date of Observation	Activities undertaken

9.8. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants
Milky Mushroom production technique.	27/06/2022	35

9.9. Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Itahara School, Itahara	07/09/2022	Importance of plantation & use of cow dung	ppt
Madarsa, Hridaypur	22/10/2022	Nutri garden & Backyard poultry	Ppt & leaflet

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		
	0	0	0	0	0	0	2	480	22	502	2	4

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	Awareness programme	6	215	2	-

9.12. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Training	5	44	--	-

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	Santosh kumar	Subhankarpur 8210744631	Groundnut
2	Banti Bhargav	Manikpur	Poultry farming
		7992235570	
3	Bimal yadav	Kharraiyanbasti 7488573223	Dairy farming
4	Md. Tafazul	Sandalpur 9334452878	Protected cultivation
5	Ramanad Yadav	Kharraiya Basti 8986124608	Dairy Farming
6	Suresh Gupta	Narpatganj 9973129765	Nursery
7	Hari Mohan Jha	Khutahabejnathpur 99771956529	Sunflower & Mentha
8	Gajendra Kumar	Kursakanta 7004370438	Makhana
9	Harshbardhan Thakur	Palasi 8130131481	Integrated Farming System

9.14. Revenue generation

Sl.No.	Name of Head	Income (Rs.)	Sponsoring agency
1.	Kisan Ghar	46040.00	Bihar Govt.

9.15. Resource Generation:

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

9.16. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
15/03/2021	IMD	Working

9.17. Contingent crop planning

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

10. Report on Cereal Systems Initiative for South Asia (CSISA): **NA**
    a) Year:
    b) Introduction / General Information:

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

11. Details of TSP: **NA**

a. Achievements of physical output under TSP during 2021

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 2022-23 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2022

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 2022

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	2	56
b.	Women	4	212
c.	Rural Youths	2	50
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
		1	20
3)	FLD	No. of FLDs	No. of beneficiaries
		3	30
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
		22	345
5)	Other activities		
a.	Participants in extension activities (No.)	10	
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**: NA**
(Applicable for KVKs identified under NICRA)

Natural Resource Management

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

Crop Management / Production

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

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 2022

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

b) Award received by Farmers in year 2022

Sl.	Name of the Award	Name of the Farmer	Address	Contact No.	Aadhar No.	Amount	Purpose	Conferring Authority

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

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)

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

17. Integrated Farming System (IFS)

A) Details of KVK Demo. Unit (under establishment)

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

B) Activities under IFS

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

18. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1					
2					

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	150	5500		5	Programme
II	356	25000			
Total	506	30500			

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

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

21. a) Information on **ASCI** Skill Development Training Programme, undertaken during 2022: **NA**

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.)
2022							

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs**., if any) if undertaken during 2022

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	

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

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.	Rampurk Koddarkatti, bansbari, Jamua, Araria Basti, Hayatpur	Backyard/Kitchen garden	3	560	12
2.	Rampurk Koddarkatti, bansbari, Jamua, Araria Basti, Hayatpur	Community level	2	430	15
3.	Rampurk Koddarkatti, bansbari, Jamua, Araria Basti, Hayatpur	Terrace Garden	4	680	20
4.	Rampurk Koddarkatti, bansbari, Jamua, Araria Basti, Hayatpur	Vertical Garden	2	150	10
TOTAL			11	1820	57

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

Rampurk Koddarkatti, bansbari, Jamua, Araria Basti, Hayatpur		8	Nutrigarden Kit Moringa, Pomegranate plant Khurpi Spade Sprayer Watering Can Hand Cultivator Neem Oil				

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
Rampurk Koddarkatti, bansbari, Jamua, Araria Basti, Hayatpur	Nutrigarden Kit Moringa, Pomegranate plant Khurpi Spade Sprayer Watering Can Hand Cultivator		**8**	**128**

d. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Rampurk Koddarkatti, bansbari, Jamua, Araria Basti, Hayatpur	Nutrigarden	13	208

e. Extension activities under NARI Project

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

23. Activities under KSHAMTA :**NA**

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

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	130	1542	477	103	32	8954	2345	10599	2854	13453	10
KKA-II	38	187	41	11	05	956	225	1154	271	1425	10

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
						SC		ST		Others		Total			
		Seed (q)	Planting material (lakh)	Input (kg)	Other (kg/ No.)	M	F	M	F	M	F	M	F	T	
KKA-I	**130**	**146.56**	**0.15500**			**778**	**195**	**47**	**18**	**4356**	**1089**	**5208**	**1302**	**6510**	**15**
KKA-II	38	225	0.089		111 NADEP PIT	215	102	52	17	1350	380	1617	499	2116	16

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 :**NA**

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)

ACTION PICTURES

Kisan Bhagidari Prathimikta Hamari

Garib Kalyan Sammelan

International Women's Day

Har Ghar Tiranga Campaign under "Azadi ka Amrit Mahotsav"

Har Ghar Tiranga Campaign under "Azadi ka Amrit Mahotsav"

Hon'ble MP, Araria visited Backyard Poultry Farm

PM Krishi Conclave & Kisan Samman

Constitution day

	
FLD	OFT
	
SSB Commandant, Arariya	Hon'ble MP, Araria visited CRA long term experiment
	
DDC, Araria visited Natural Farming at KVK	Visited Backyard Poultry Farming at KVK
	
Makhana-Sabour-1	**Plantation on IFS Unit**

National Nutrition Week

Posahn Abhiyan Awam Plantation Programme

Workshop on Contingent Crop Plant

94th ICAR Foundation Day

World Environment Day

SSB, Training

Crop Cafeteria

Kisan Bhagidari Prathmikta Hamari

ON Campus Training

Bhumi Samtalikaran

दैनिक भास्कर अररिया 01-03-2022

प्रशिक्षण प्राप्त करने वालों को दिया प्रशस्ति-पत्र

पशुपालन ग्रामीणों के लिए एक वरदान विषय पर दिया गया प्रशिक्षण

नई तकनीक अपनाकर किसान पशुपालन और मत्स्य पालन में कर सकते हैं बेहतर

अररिया के कृषि विज्ञान केंद्र में दो दिवसीय युवक विज्ञान पर हुई परिचर्चा

दैनिक भास्कर अररिया 20-01-2022

ठंड का कहर • मौसम विभाग के अनुसार, 4 दिनों तक रहेगी हाड़ कंपाने वाली ठंड

दो दिनों से चल रही बर्फीली पछुआ हवा ने बढ़ाई ठंड, न्यूनतम तापमान 8 डिग्री पहुंचा

आलू की खेती करने वाले किसानों को सचेत रहने की जरूरत

कृषि विज्ञान केंद्र में तीन दिवसीय प्रशिक्षण का हुआ समापन

अररिया . कृषि विज्ञान केंद्र द्वारा मत्स्य पालन, पशुपालन व डेयरी मंत्रालय भारत सरकार के पशुपालन व डेयरी विभाग के द्वारा भारतीय कृषि अनुसंधान परिषद नई दिल्ली के क्षमता वर्धन विकास अंतर्गत तीन दिवसीय बदलते मौसम के परिपेक्ष में पशु आहार प्रबंधन विषय पर प्रशिक्षण का गुरुवार को समापन समारोह आयोजित की गई. वहीं केंद्र के वरीय वैज्ञानिक व प्रधान के नेतृत्व में प्रशिक्षण का आयोजन किया गया था. केंद्र के पशु वैज्ञानिक डॉ रत्नेश कुमार चौधरी सह कोर्स समन्वयक द्वारा प्रशिक्षण दिया गया. साथ ही इस प्रशिक्षण में अतिथि प्रशिक्षक के रूप में डॉ हेमंत कुमार पशु वैज्ञानिक कृषि विज्ञान केंद्र पूर्णिया ने प्रशिक्षण दिया. साथ ही आभासी रूप से भी वैज्ञानिकों ने प्रशिक्षण दिया. वहीं केंद्र के वरीय वैज्ञानिक व प्रधान डॉ विनोद कुमार ने सभी परीक्षार्थियों को पशुपालन के महत्व व उसके व्यवसाय के विभिन्न पहलुओं पर भी परिचर्चा किए. उसके बाद प्रतिभागियो को प्रशस्ति पत्र दिया गया. बदलते मौसम के परिपेक्ष में पशुओं का आहार कैसा हो जिससे उत्पादन क्षमता ना घटे, अभी गर्मियों का प्रकोप ना हो इस विषय पर विस्तार पूर्वक परिचर्चा केंद्र के पशु वैज्ञानिक डॉ रत्नेश कुमार चौधरी द्वारा बताया गया. प्रशिक्षण कार्यक्रम में 20 महिला व 20 पुरुष शामिल हुए थे. समापन समारोह में केंद्र के यंग प्रोफेशनल रागिनी कुमारी ने धन्यवाद ज्ञापन किया.

रसायनिक उर्वरकों को छोड़ जैविक कृषि को अपनाएं किसान : सांसद

बसगढ़ा रामपुर में परिभ्रमण सह प्रशिक्षण कार्यक्रम का किया गया आयोजन

दैनिक भास्कर अररिया 10-03-2022

बिना सलाह नहीं करें आम पर दवा का छिड़काव

पानी का छिड़काव मंजर को पहुंचाएगा फायदा

फारबिसगंज आसपास

एक राष्ट्र एक उर्वरक योजना की शुरुआत का दिखाया गया लाइव प्रसारण

इससे कालाबाजारी, मिलावट एवं विभिन्न कंपनियों की होड़ में शामिल नहीं होंगे किसान

तिलहन व दलहन की खेती के विषय में दी गई जानकारी

कार्यक्रम का उद्घाटन करते विज्ञानी • जागरण

संसू, रेणुग्राम (अररिया): अररिया कृषि विज्ञान केंद्र के सभागार में मंगलवार को प्रशिक्षण सह तिलहन एवं दलहन के प्रदर्शन के लिए कार्यक्रम का आयोजन किया गया। जिसका उद्घाटन दीप प्रज्वलित कर केंद्र के विज्ञानी सह प्रधान डा. विनोद कुमार ने की। कार्यक्रम के दौरान उपस्थित कृषकों को संबोधित करते हुए उन्होंने कहा आज तिलहन और दलहन किसानों को लगाना चाहिए। तकनीकी एवं प्रबंधन की जानकारी हासिल कर लगाने से इसकी अच्छी उत्पादन होगी। इस कार्यक्रम में किसानों को 30 किलो तीसी, सरसों एवं मसूर का बीज दिया गया। इस अवसर पर केंद्र के पशु विज्ञानी डा. रत्नेश कुमार आद थे।

दैनिक भास्कर अररिया 14-12-2022

छोटी • सिसिया, सुखी, रामपुर, टेढ़ी मुहारी, हरिपुर में फसल अवशेष प्रबंधन की जानकारी दी गई

केवीके के वैज्ञानिकों ने 5 गांव के 125 किसानों को प्रत्यक्षण के लिए 750 पैकेट बटन मशरूम बांटे

दैनिक भास्कर अररिया 13-12-2022

प्रशिक्षण • किसानों को सिर्फ मक्का की खेती के बदले फसल चक्र अपनाने की जरूरत: डॉ विनोद

रबी फसलों में समेकित कीट प्रबंधन विषय पर दो दिवसीय प्रशिक्षण शुरू, दी जाएगी जानकारी

कार्यक्रम का उद्घाटन करते हुए।

बैकयार्ड मुर्गी पालन प्रशिक्षण का समापन

अररिया . कृषि विज्ञान केंद्र अररिया द्वारा मत्स्य पालन, पशुपालन व डेयरी मंत्रालय भारत सरकार के पशुपालन व डेयरी विभाग के द्वारा भारतीय कृषि अनुसंधान परिषद नई दिल्ली के क्षमता वर्धन विकास क्रार्यक्रम के अंतर्गत तीन दिवसीय बैकयार्ड मुर्गी पालन विषय पर प्रशिक्षण कृषि विज्ञान केंद्र में आयोजित कि गई थी. केंद्र के वरीय वैज्ञानिक व प्रधान के नेतृत्व में प्रशिक्षण का आयोजन किया गया था. केंद्र के पशु वैज्ञानिक डॉ रत्नेश कुमार चौधरी सह कोर्स समन्वयक द्वारा प्रशिक्षण दिया गया. साथ ही इस प्रशिक्षण में अतिथि प्रशिक्षक के रूप में डॉ हर्षवर्धन व डॉ चंद्रशेखर के द्वारा प्रशिक्षण दिया गया. साथ ही सोमवार को समापन समारोह के दौरान सभी प्रशिक्षण प्राप्त किये प्रतिभागियों को प्रशस्ति पत्र दिया गया. समापन समारोह में केंद्र के यंग प्रोफेशनल रागिनी कुमारी ने धन्यवाद ज्ञापन किया. इस प्रशिक्षण में केंद्र के क्षेत्र प्रबंधक मनीष कुमार, रवि कुमार, संतोष कुमार, गौतम कुमार, विपिन कुमार ने अपना भरपूर सहयोग दिया.

प्रभात खबर Wed, 02 March 2022 https://epaper.prabhatkhabar.

उन्नत नस्ल की बकरी से महिलाएं होंगी समृद्ध

केवीके में आकस्मिक फसल योजना विषय पर कार्यशाला

कार्यक्रम का उद्घाटन करते अनुमंडल कृषि पदाधिकारी व अन्य अधिकारी

किसानों को दलहन व तेलहन की खेती के लिए किया गया प्रोत्साहित

संसू, रेणुग्राम (अररिया): कृषि विज्ञान केंद्र अररिया में दलहन और तेलहन के प्रत्यक्षण कार्यक्रम से पूर्व दलहन और तेलहन में कीट व्याधि प्रबंधन विषय पर मंगलवार को प्रशिक्षण कार्यक्रम का आयोजन किया गया। कार्यक्रम का उद्घाटन केंद्र के विज्ञानी डा. रत्नेश कुमार चौधरी, आफताब आलम एवं प्रगतिशील किसानों ने संयुक्त रूप से दीप प्रज्वलित कर किया।

वरीय विज्ञानी सह प्रधान डा. विनोद कुमार के दिशा निर्देशन में लगातार किसानों को नवीनतम तकनीकी को बढ़ावा देने के लिए प्रत्यक्षण एवं प्रशिक्षण कार्यक्रम आयोजित करवाया जा रहा है। कार्यक्रम के दौरान विज्ञानी ने कहा कि दलहन और तिलहन को बढ़ावा देने के लिए समूह अग्रिम पंक्ति प्रत्यक्षण कार्यक्रम चलाया जा रहा है। इसी क्रम में आज किसानों को 50 एकड़ जमीन के लिए मसूर प्रभेद एवं 50 एकड़ के लिए पीला सरसों जिसका प्रभेद पितांबरी है का प्रत्यक्षण के लिए किसानों को बीज दिया गया। आफताब आलम ने किसानों को मृदा जांच के महत्व एवं मृदा नमूना लेने के विषय में विस्तृत रूप से जानकारी दी। वही अन्य वक्ताओं ने जिले में चलाए जा रहे हैं मौसम अनुकूल कृषि कार्य के महत्व पर विस्तार पूर्वक परिचर्चा की। इस कार्यक्रम में 45 किसानों ने भाग लिया साथ ही ग्रामीण कृषि कार्य दक्षता कार्यक्रम में आए हुए छात्रों ने भी कार्यक्रम में सहभागिता दी।

पशु आहार प्रबंधन पर चार दिवसीय प्रशिक्षण संपन्न

अररिया . कृषि विज्ञान केंद्र में दुधारू पशुओं का आहार प्रबंधन विषय पर चार दिवसीय प्रशिक्षण शुक्रवार को संपन्न हुआ . कार्यक्रम मे पशुपालकों को दुधारू पशुओं के आहार प्रबंधन से जुड़े विभिन्न पहलूओं से अवगत कराया गया . केंद्र के पशु वैज्ञानिक डॉ रत्नेश कुमार चौधरी ने द्वारा यूरिया उपचारित पुआल तैयार करने की विधि व इसका महत्व, स्थानीय स्तर पर मिश्रित दाना बनाने की विधि, हरा चारा का महत्व के साथ वर्ष भर हरा चारा उत्पादन की विधि से किसानों को अवगत कराया . मौके को संबोधित करते हुए केंद्र के वरीय वैज्ञानिक व प्रधान डॉ विनोद कुमार ने आहार प्रबंधन से पशुओं के आहार पर आने वाले खर्च को काफी हद तक सीमित किया जा सकता है . पशुओं के दुग्ध उत्पादन क्षमता व बेहतर पोषण व संरक्षण के लिहाज से उन्होंने आहार प्रबंधन को महत्वपूर्ण बताया . प्रशिक्षण में शामिल 30 प्रतिभागियों को प्रशस्ति पत्र देकर सम्मानित किया गया . मौके पर केंद्र के वैज्ञानिक डॉ संजीत कुमार, प्रभात कुमार, संतोष कुमार, प्रगतिशील किसान रविंद्र मोहन मेहता सहित अन्य मौजूद थे .

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