KVK Arwal/2021-22/181

ANNUAL REPORT 2021

(January to December 2021)

KRISHI VIGYAN KENDRA, ARWAL

(BIHAR AGRICULTURAL UNIVERSITY, SABOUR, BHAGALPUIR)

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

1. GENERAL INFORMATION ABOUT THE KVK

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

Name and address of KVK	Telephone		E-Mail
	Office	FAX	
Krishi Vigyan Kendra, Arwal Lodipur Farm, PO-Sarwarpur, Via – Usari, PS – Mahendia, Distt. – Arwal (Bihar), Pin Code - 804428	+91 – 89871 93648	-	arwalkvk@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, Bihar Pin – 813210	0641-2452606	0641 -2452604	deebausabour@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Surendra Chaurasia	-	8987193648	arwalkvk@gmail.com

1.4. Year of sanction of KVK: 2008

(Reference of Sanction Order) ICAR F No.6-2/2006- AE I dt. 29-07-2008

1.5. Staff Position (**as on 31st December 2021**)

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. Surendra Chaurasia	Sr. Scientist & Head	Plant Pathology	Level 13A 156900/-	02-05-2012	Permanent	Others
2.	Subject Matter Specialist	Dr. C. N. Choudhary	SMS	Agronomy	Level 11 135800/-	25-03-1988	Permanent	Others
3.	Subject Matter Specialist	Dr. Uday Prakash Narayan	SMS	Plant Pathology	Level 10 98200/-	12-11-2007	Permanent	
4.	Subject Matter Specialist	Dr. (Mrs.) Kavita Dalmia	SMS	Home Science	Level 10 92500/-	12-06-2009	Permanent	Others
5.	Subject Matter Specialist	Dr. (Mrs.) Bibha Kumari	SMS	Animal Science	Level 10 79800/-	15-06-2009	Permanent	OBC
6.	Subject Matter Specialist	Dr. Ajay Kumar Das	SMS	Horticulture	Level 10 79800/-	16-06-2009	Permanent	SC
7.	Subject Matter Specialist	Vacant	-	-	-	-	-	-
8.	Programme Assistant	Sri Kundan Kumar	Prog. Asst. (Lab Technician)	Laboratory	Level 6 46200/-	29-10-2012	Permanent	BC
9.	Computer Programmer	Sri Prashant Kr. Sinha	Prog. Asst. (Computer)	Computer	Level 6 44900/-	31-05-2013	Permanent	Others
10.	Farm Manager	Vacant	-	-	-	-	-	-
11.	Accountant / Superintendent	Mrs. Kumari Jyoti Singh	Assistant		Level 6 44900/-	18-04-2013	Permanent	OBC
12.	Stenographer	Sri Ranjan Kumar Das	Stenographer		12984/-		Contractual	
13.	Driver	Sri Shyam Sundar Ram	Driver		Level 3 26800/-	20-05-2015	Permanent	EBC
14.	Driver	Sri Ashok Kumar Das	Driver		Level 3 26800/-	13-05-2015	Permanent	SC
15.	Supporting staff	Sri Jaynandan Paswan			10240/-		Contractual	
16.	Supporting staff	Vacant	-	-	-	-	-	-

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	2.5
2.	Under Demonstration Units	0.0
3.	Under Crops	5.5
4.	Orchard/Agro-forestry	0.8
5.	Others with details	0.4
	Total	9.2

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					Completed not hand over			ICAR
2.	Farmers Hostel					Completed not hand over			ICAR
3.	Staff Quarters (6)					Uncompleted			ICAR
4.	Piggery unit					-			-
5	Fencing					Uncompleted			ICAR
6	Rain Water harvesting structure					-			-
7	Threshing floor							Under use	ICAR
8	Farm godown							Under use	ICAR
9.	Dairy unit								-
10.	Poultry unit								-
11.	Goatry unit								-
12.	Mushroom Lab					Uncompleted			ICAR
13.	Mushroom production unit					Uncompleted			ICAR
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 Jeep	2012	5.12 Lakhs	235209	Good
Tractor	2009	3.82 Lakhs	-	Good
Honda Motorcycle (9646)	2015		14305	Good
Honda Motorcycle (9645)	2015		14247	Good

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
BOD incubator, Laminarflow, autoclave	2013	2,35,501/-	Good but not running *	ICAR
Microscope (Simple)	2014	10,000/-	Good	#
b. Farm machinery				
c. AV Aids				
PA System, Codeless Mike, Projector Screen and accessories	2013	56,396/-	Good	#

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Cultivator – R 9 tyne	2009	16120.00	Good	ICAR
Cultivator – S 9 tyne	2009	18720.00	Good	ICAR
M.B. Plough – 1	2009	21320.00	Good	ICAR
Land Leveler – 1	2009	13000.00	Good	ICAR
Cage Wheel – 1 Pair	2009	9048.00	Good	ICAR
Hood Hitch Bumper	2009	17160.00	Good	ICAR
Spade – 04	2009	540.00	Good	ICAR
Hand Balance – 1 Set	2009	364.00	Good	ICAR
Kriloskar Pumping set- 7 HP	2011	36750.00	Good	R/F
Gator Sprayer - 01	2011	3800.00	Good	R/F
Multi Crop Thresher	2012	99750.00	Good	RKVY
ZT Seed Drill – 9 tyne	2011	39480.00	Good	RKVY
Tractor Drawn Reaper	2011	57750.00	Good	RKVY
Sprinkler irrigation set	2012	55000.00	Good	RKVY
Battery operated sprayer – 01	2014	3900.00	Good	R/F

1.8. Details SAC meeting* conducted in the year 2021

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	07-08-2021	26	1. उद्यान विषय की प्रस्तावित ऑन फार्म ट्रायल ''अमरूद (इलाहाबाद सफेदा) का फसल विनियम'' नहीं हो सका। इससे सम्बधित स्पष्टीकरण का आदेश सह–निदेशक, प्रसार शिक्षा, बी0ए0यू0, सबौर, भागलपुर द्वारा दिया गया। 2. वर्तमान वर्ष के अग्रिम पंक्ति प्रत्यक्षण कार्यक्रम में मल्च तकनीक को शामिल किया जाय। 3. कृषि विज्ञान केन्द्र, के मौसम अनुकूल कृषि (सी0आर0ए0) कार्यक्रम में नवनियुक्त कृषि अभियंत्रण विषय के शोध सहयोगी (आर0ए0) का केन्द्र द्वारा कृषि यांत्रीकरण सम्बधित कृषक प्रशिक्षण में भागीदारी सुनिश्चित किया जाय। 4. फसल अवशेष प्रबंधन हेतु सी0आर0ए0 गॉव में मशरूम उत्पादन को शामिल किया जाय। 5. हरा चारा अधारित फसल पद्धिति को सी0आर0ए0 कार्यक्रम में अवश्यकतानुसार शामिल किया जाय। 6. प्रत्येक प्रखण्ड से 280 किसानों को सी0आर0ए0 कार्यक्रम के 5 प्रत्यक्षण गांवों में प्रक्षेत्र भ्रमण कराया जाय, जिसकी पूर्व अनुसूची जिला कृषि पदाधिकारी को भी भेजी जाय।	-	-

			7. वर्तमान अगस्त और सितम्बर माह का प्रशिक्षण, कार्य योजना बनाकर क्रियान्वित करें। 8. गेंहूँ के बायोफोर्टिफाइड प्रभेद को कृषि विज्ञान केन्द्र के कार्यक्रमों में शामिल करें। 9. मशरूम उत्पादन विषय के प्रशिक्षणार्थियों की संख्या बढ़ायी जाय। 10. कृषि विज्ञान केन्द्र पर नारी (NARI) योजना के अन्तर्गत एक पोषण वाटिका का निर्माण किया जाय, साथ ही अन्य प्रदर्शन यूनिट, आँगनवाड़ी/कृषक प्रक्षेत्र पर लगायी जाय। इस कार्यक्रम को गृह विज्ञान तथा उद्यान विज्ञान के विशेषज्ञ सामुहिक होकर करें।		

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2021)

Sl. No.	Items	Information
1	Major Farming system/enterprise	
2	Agro-climatic Zone	
3	Agro ecological situation	
4	Soil type	
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	
6	Mean yearly temperature, rainfall, humidity of the district	
7	Production of major livestock products like milk, egg, meat etc.	

Note: Please give recent data only

2.a.1 Major farming systems/enterprises (based on the analysis made by the KVK Arwal)

S. No	Farming system/enterprise	Information
1	Cereal based farming system	Rice/Wheat
2	Pulses based farming system	Black gram/pigeon pea / chick pea
3	Oilseed based farming system	Mustard, Toriya
4	Agri. Hort. based farming system	Vegetables, tuber crops, spices
5	Livestock Rearing	Cattle, Buffalo, Goat, Poultry, Sheep

2.a.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

S. No	Agro-climatic Zone	Characteristics
1	Zone IIIB	I) South Bihar alluvial plane zone II) Sub tropical climate, III) Rain-fall- 961.7mm June-Sept- 958.2, Oct-Nov.- 0.0 Dec- Feb- 3.5, March- May 0.0 IV) Mean max. temp. – 21.3-39.1 ^{0}C V) Mean min. temp. – 4.0 - 28.3 ^{0}C VI) Relative humidity – 7am – 66%, 2pm – 51%

2.a.3 Agro ecological situation

S. No	Agro ecological situation	Characteristics
1	Upland	• Sandy to sandy loam textured soil. • Maize, sugar cane, pigeon pea, black gram, vegetables, potato, mustard etc. • Dominance of maize and vegetables.
2	Medium land	• Sandy loam to heavy clays soil • Cereals, sugarcane, oil seeds, pulses, Vegetables • Rice-Wheat production system.
3	Lowland	• Low lying areas heavy clays soil. • Growing of long duration paddy. • Suitable for paddy and late sown wheat cultivation Water logging problem.

2.a.4 Soil types

S. No	Soil type	Characteristics	Area in ha
1.	Old Alluvium, grayish yellow to grey in colour, sandy loam to heavy textured.	P^H – 6.5-8.0 Organic carbon – 0.5-1.0 % Available N – 200-400 Kg/ha Available P_2O_5–10-50 Kg/ha Available K_2O – 150-300 Kg/ha Deficient in Zn & B	

2.a.5 Area, Production and Productivity of Major crops in Arwal district ()

Sl No.	Crop	Area (ha)	Production (MT)	Productivity (kg/ha)
01	Paddy			
02	Wheat			
03	Potato			
04	Lentil			
05	Maize			
06	Gram			
07	R. Seed/ Mustard			

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & Enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.		Karpi	Kayal	Dairy farming Goatry	Lack of knowledge regarding breed, unorganized feeding	Goatry, Dairy
		Kaler	Amir Bigha	Cereal & Veg. cropping	Low productivity of crop, fruit and vegetables	Crop production and organic farming,
		Arwal	Muradpur Huzra	Pulses and vegetables	routine cropping imbalanced use of nutrients in crop production	quality seed production, adoption of INM and IPM, vermi-composting,
		Kaler	Nawada	Orchards	lack of quality seeds	income generation Productivity
		Kaler	Sohsa	Cereal & Veg. cropping	Poor health and status of women and children Unemployment in rural youth	enhancement of animals Poultry production
		Karpi	Radhe Nagar	Cereals cropping		Farm women empowerment

2. c. Details of village adoption programme:

Name of the villages adopted by Sr. Scientist & Head and SMS (in year 2021) for its development and action plan

Name of village	Block	Action taken for development
Mehdiyabad	Kaler	Need based Training and demonstration
Usridih	Kaler	Need based Training and demonstration
Shahar Telpa	Karpi	Need based Training and demonstration
Kharasin	Banshi	Need based Training and demonstration
Akraunja	Banshi	Need based Training and demonstration

2.1 Priority thrust areas

S. No	Thrust area
1.	Productivity enhancement of cereals, oilseeds and pulses
2.	Popularization of quality seed production
3.	Popularization of Zero tillage system.
4.	Adoption of INM and IPM for Sustainable agriculture
5.	Management of weeds in field crops.
6.	Management of Cuscuta in lentil.
7.	Soil testing
8.	Popularization of organic farming.
9.	Farm women empowerment in agriculture
10.	Income generation through beekeeping, mushroom cultivation and preservation of fruits and vegetables,
11.	Popularization of techniques resource conservation technology (RCT)and pressurized irrigation system (PIS)
12.	Enhancement of milk production through proper management of milch animals
13.	Economic enhancement by Poultry farming and Goatry in semi intensive system.

3. TECHNICAL ACHIEVEMENTS

3.A. Summary details of target and achievement of mandatory activities by KVK during the year 2021

OFT												FLI					
No. of technologies tested:												No. of technologies demonstrated:					
Number of OFTs		Number of farmers										Number of FLDs					
Target	Achievement	Target	Achievement									Target	Achievement	Target			
			SC		ST		Others		Total						SC		
			M	F	M	F	M	F	M	F	T				M	F	
10	10	-	10	12	0	0	40	28	50	40	90	10	11	-	28	43	

Training (including Sponsored & Other Projects)												Extensio				
Number of Courses		Number of Participants										Number of activities				
Target	Achievement	Target	Achievement									Target	Achievement	Target		
			SC		ST		Others		Total						SC	
			M	F	M	F	M	F	M	F	T				M	F
154	159	3850	528	766	0	0	3016	942	3544	1708	5252	-	7060	-	1699	140

Impact of capacity building												Impact of Exte			
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)										Number of Participants attended		Number entre	
Target	Achievement	SC		ST		Others		Total				Target	Achievement	SC	
		M	F	M	F	M	F	M	F	T				M	F
-	-	-	-	-	-	-	-	-	-	-		-	-	-	-

Seed production (q)		Planting mat
Target	Achievement	Target
-	174.00 q (Kharif 2020) 42.40 q (Rabi 2020-21) Kharif 2021 – (under processing)	-

Livestock strains and fish fingerlings produced (in lakh) *		Soil, water, plant, manur
Target	Achievement	Target
-	-	-

* 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							
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter							
Popular Articles	10	1000	-	-	-	-	-
Book Chapter							
Extension Pamphlets/ literature							
Technical reports							
Electronic Publication (CD/DVD etc)							
TOTAL							

3.1.1 Achievements on technologies assessed and refined

OFT 1 (2020-21) – Crop Production

Sl.	Particulars	Description
1	Title of On Farm Trial	**To assess the effect of balanced fertilization and bio-fertilizer application on growth and yield of late sown wheat.**
2	Problem Diagnose	Imbalanced fertilization and low productivity of wheat.
3	Details of Technologies selected for assessment/ refinement	**Control –** Farmers' Practice ($N:P_2O_5:K_2O$::150:60:0 Kg/ha) **T.O. I –** RDF (120:40:20 Kg/ha:: $N:P_2O_5:K_2O$) **T.O. II –** 75% RDF + Soil application of bio-fertilizers (5Kg PSB/ha + 5 Kg Azotobacter/ha)
4	Source of Technology	BAU, Sabour
5	Replication	8
6	Production System & Thematic Area	SPS, Rice – Wheat & INM
7	Performance of Technology with performance indicator	Yield, effective tillers/m^2, grains/panicle, test wt., Cost of cultivation, Gross return, Net return, B:C ratio
8	Constraints identified and feedback for research	-
9	Process of farmers participation and their reaction	Participatory

Table:

Technology Options	No. of farmers	No. of effective tillers/m^2	No. of grains/ear head	Test wt. (g)	Yield (q/ha)	Cost of cultivation (Rs/ha)	G. Return (Rs/ha)	Net Return (Rs/ha)	B:C Ratio
F.P.	10	272	35.31	38.60	37.24	33850	78238	44388	2.31
T.O.I		305	41.85	40.42	42.41	32965	89000	56035	2.70
T.O.II		301	41.20	39.76	40.96	33348	86151	52803	2.58

Subject: Crop Production (Agronomy)

OFT 2 (2020-21) – Crop Production

Sl.	Particulars	Description
1	Title of On Farm Trial	**Evaluation of different herbicides for controlling weeds in lentil.**
2	Problem Diagnose	High infestation of weed in lentil crop causing heavy lose in yield.
3	Details of Technologies selected for assessment/ refinement	**Control - Farmers' practice** (No weed control major) **T.O. I –** Pendimithalin@1L a.i./ha (Pre-emergence) + Quizalofop-ethyl 50g a.i./ha (20-25DAS) **T.O. II –** Pendimithalin@1L a.i./ha (Pre-emergence) + Imizathypr 40ml a.i./ha as post-emergence (15-20 DAS) **T.O. III –** Pendimithalin@1L a.i./ha (Pre-emergence) + Imizathypr 40ml a.i./ha as post-emergence (15-20 DAS) + Quizalofop-ethyl 50g a.i./ha (20-25DAS)
4	Source of Technology	BAU, Sabour
5	Replication	8
6	Production System & Thematic Area	Paddy-Lentil, IWM, SPS
7	Performance of Technology with performance indicator	Weed intensity (per m^2), 2) Yield attributing characters 3) Yield, 4) Cost of cultivation, 5) Net Income, 6) B:C ratio
8	Constraints identified and feedback for research	-
9	Process of farmers participation and their reaction	Participatory

Table:

Technology Options	No. of farmers	No. of plants/m^2	No. of branches/ plant	No. of pods/ plant	Test wt. (g)	Yield Components@ 30DAS	Weed density/m^2
Control - FP	8	37.41	5.4	33.5	21.4	60.5	72.1
T.O. I		47.35	7.6	39.4	22.1	32.3	35.6
T.O. II		52.10	8.3	44.1	22.5	11.6	18.4
T.O. III		53.67	8.5	44.8	22.7	4.2	8.7

Technology Options	Grain Yield (q/ha)	Cost of cultivation (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs/ha)	B:C Ratio
Control - FP	5.71	18490	36240	17750	1.96
T.O. I	6.92	20655	43730	23075	2.11
T.O. II	8.85	21210	55905	34695	2.63
T.O. III	9.63	22392	60975	38583	2.72

OFT 3 (2020-21) - Horticulture

1.	Title of on farm Trial	Insecticide molecule against sucking pest of Okra
2.	Problem diagnoses	The sucking pest complex consisting of aphids, leaf hoppers, whiteflies and thrips are major pests and cause 17.46 per cent yield loss in okra
3.	Details of technologies selected for assessment/refinement	**TO 1:** Farmer practices (Propenophos 50 EC @ 2 gm/lt water) **TO 2:** Thiamethoxam 25 wg @ 0.35 gm/L at 20 Days after sowing at 10 days interval three times **TO 3:** Imidacloprid 70 WG @ 0.3 gm/L at 20 Days after sowing at 10 days interval three times
4.	Source of Technology	Bihar Agricultural University, Sabour, Bihar
5.	Production system and thematic area	Rice-okra Integrated Pest Management
6.	Performance of the Technology with performance indicators	The infestation of sucking pest complex is reduced and increase yield marginally.
7.	Final recommendation for micro level situation	For management of sucking pest complex in okra the both (TO1 and To2) is recommended.
8.	Constraints identified and feedback for research	Assessment of other molecule
9.	Process of farmers participation and their reaction	Actively participated with adaptation of the technology

Table: Economics

Technology option	No. of trials	White fly N&A /3 leaves	Jassids N&A /3 leaves	Aphids N&A /3 leaves	Yield (q/ha)	Percent increase	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
Farmer practices (Profenophos 50 EC @ 2 gm/lt water)	8	2.75	2.40	2.45	164	-	57500	213200	155700	3.7
Thiamthoxam 25 wg @ 0.35 gm/L water		1.54	0.70	0.83	206	25.60	61000	267800	206800	4.3
Imidacloprid 70 WG @ 0.3 gm/L water		0.86	0.96	1.20	177.46	8.20	56200	230698	174498	4.1

Results: -

Results revealed that the higher yield of okra (206 q/ha) and 4.3 BC ratio with mean 1.54 whitefly, 0.70 jassids, 0.83 aphid nymph & adults per 3 randomly selected leaves of okra were recorded in plots treated with Thiamthoxam 25 WG @ 0.35 gm/L at 20 Days after sowing at 10 days interval three times followed by plots treated with Imidacloprid 70 WG @ 0.3 gm/L at 20 Days after sowing at 10 days interval three times, the yield (177.46 q/ha) and 4.1 BC ratio with mean 0.86 whitefly, 0.96 jassids, 1.20 apqhid nymph & adults per 3 randomly selected leaves of okra observed. Whereas plots treated

with Farmer practices (Profenophos 50 EC @ 2 gm/lt water), the yield (164 q/ha) and 3.7 BC ratio with mean 2.70 whitefly, 2.40 jassids, 2.45 aphid nymph & adults per 3 randomly selected leaves of okra were recorded.

Therefore, it can be concluded that the treatment TO2 and TO3 treated plots were effectively control the sucking pest as compared to farmers practice (TO1). Hence production of the crop was found highest as compared to other treatments. It was also found that TO2 was significantly superior to TO3 in controlling insect pest and production of the crop was higher. So, it can be recommended to controlling sucking pest with TO2.

OFT 4 (2020-21) – Animal Science

Sl.	Particulars	Description
1	Title of On Farm Trial	**Management of Anoestrus cases in cattle.**
2	Problem Diagnose	Heavy lose due to Anoestrus in cattle.
3	Details of Technologies selected for assessment/refinement	**Control - Farmers' practice** (Feeding with germinated wheat) **T.O. I –** Deworming + Mineral Mixtures@50gm for 30 days **T.O. II –** Deworming + Combination of Minerals, Vitamins, Natural heat inducer and Phytobiotics preparation for 21 days
4	Source of Technology	MAFSU, Maharashtra
5	Replication	10
6	Production System & Thematic Area	Farmstead, Disease Management
7	Performance of Technology with performance indicator	1) No. of animals come in heat, 2) Nature of discharge, 3) Conception Rate

Table:

Technology Options	No. of Animals trial	No. of animals come in heat	Nature of heat	No. of animals conceived
Control - Farmers' practice (Feeding with germinated wheat)	10	5	Not Clear	2
T.O. I – Deworming + Mineral Mixtures@50gm for 30 days		6	Not Clear	3
T.O. II – Deworming + Combination of Minerals, Vitamins, Natural heat inducer and Phytobiotics preparation for 21 days		9	Clear	6

Results: T.O. II i.e., Deworming + Combination of Minerals, Vitamins, Natural heat inducer and Phytobiotics resulted in highest no. of animal come in heat with clear heat symptoms compared to T.O.I and farmers' practice.

OFT 5 (2020-21) – Animal Science

SI.	Particulars	Descriptions
1	Title of the OFT	**Assessment of traditional herbs to improve immunity against common diseases in backyard chicken.**
2	Problem diagnosed	Mortality of backyard chicken
3	Details of Technologies selected for assessment/refinement	**Control -Farmers' practice: Scavenging** without any feed supplementation **T.O. I –**Use of grinded turmeric rhizome (2.5 gm) +01 clove extract (2.5gm) of garlic per litter of water **T.O. II –**Use of Apple Cidar Vinegar @ 5ml/litter of water
4	Source of Technology	LUVAS, Haryana
5	No of Replications	10
6	Production system & Thematic Area	Backyard system, Poultry Management
7	Performance indicators	Disease occurrence, Ectoparasitic infestation, Mortality and egg production.

Table:

Technology Options	No. of birds	Disease occurrence	Ectoparasitic infestation	Mortality (%)	Egg production
Control - Farmers' practice (Scavenging without any feed supplementation)	100	22	Yes	20	19.85
T. O. I – Use of grinded turmeric rhizome (2.5 gm)+01 clove extract (2.5gm) of garlic per litter of water	100	5	No	3	21.20
T. O. II – Use of Apple Cidar Vinegar @ 5ml/litter of water	100	6	No	5	21.85

Results: Use of traditional herbs grinded turmeric rhizome (2.5 gm) +01 clove extract (2.5gm) of garlic per litter of water and apple cidar vinegar @ 5ml/litter of water are effective in prevention and control of Disease occurrence as well as parasitic infestation. Mortality rate in T. O. I and T. O. II was 3 and 5 percent respectively in comparison to 20 percent in control. There was increase in egg production during with the application of traditional herbs in both the trails. It may be due to improve gut environment, feed conversion efficiency, absence of ectoparasitic infection and reduction in stress.

OFT 6 (2020-21) – Home Science

Sl.	Particulars	Descriptions
1	Title of the OFT	Assessment of income generation by value addition of different pulses for preparation of Papad.
2	Problem diagnosed	Increased production of pulses after implementation of CFLD prices of pulses become less. To increase the farmer's income value addition in pulses may increase the consumption and income.
3	Details of Technologies selected for assessment/refinement	**Control – Farmers' practice** (Urad Papad) **T. O. I -** Preparation of Papad with 1Kg Moong Dal+1Kg Urad Dal + 100g salt + 100g baking powder + 50g Black Pepper + 10g Cumin seed + 5g Hing **T. O. II-** Preparation of Papad with 1Kg Chana Dal +1Kg Urad Dal + 100g Salt + 100g Baking powder + 50g Red chilli powder + 10g Cumin seed + 5g Hing
4	Source of Technology	CFTRI, Mysore
5	No of Replications	10
6	Production system & Thematic Area	Farmstead, income generation through value addition.
7	Performance indicators	i. Acceptability (Storability), B:C Ratio ii. Organoleptic assessment on 5-point acceptability scale.

Table -1: Organoleptic assessment on 5 point acceptability scale

Sr.no	No of trials	Taste	Odour/smell	Colour	Texture	Touch
control	10	Good 60%	Good 90%	Straw yellow colour	Crisp and brittle	Crisp and brittle
T.O.1		Very Good 80%	Good 90%	yellowish	Hard and brittle	Hard and brittle
T.O.2		Very Good 100%	Very Good 100%	Yellowish red	Crisp and dissolving	Crisp and dissolving

Table-2

Sr.no	No of trials	Gross cost for 2 kg (Rs)	Gross return for 2 kg (Rs)	Net return for 2 kg (Rs)	B:C ratio
control	10	287	500	213	1.74
T.O.1		297	540	243	1.81
T.O.2		244	520	276	2.13

Table -3

Sr.no	No of trials	Storability(in month)
control	10	2 month
T.O.1		4 month
T.O.2		6 month

OFT 7 (2020-21) – Home Science

Sl.	Particulars	Descriptions
1	**Title of the OFT**	**Assessment of Quality Protein Maize (QPM) based weaning/enriched food for child health.**
2	**Thematic Area**	Value Addition
3	**Problem diagnosed**	Lack of dietary knowledge which needs poor choice of food leads to poor health of children.
4	**Details of Technologies selected for assessment/refinement**	**Control -Farmers' practice**: Inadequate dietary pattern unbalanced intake of nutrients and no weaning/healthy food practices. **T.O. I –** Roasted maize flour 60gm + roasted chana flour 20gm + sugar 20 gm + ½ cup of milk. **T.O. II –** QPM (malted roasted) 50gm + sprouted & roasted green gram 25gm + Til/groundnut roasted 10gm + sugar 15gm + ½ cup milk.
5	**Source of Technology (ICAR/ AICRP/ SAU/ Other)**	Quality Protein Maize products for human nutrition by Usha Singh, DRRPCAU, Pusa, Samastipur.
6	**No of Replications**	10

Data on performance indicator of technology for 6 to 18 months:

Table: -1

Technology Option	No. of replication	Change in Anthropometric measurements in selected children (weight and height)						
		Average Age	Initial wt. (kg) (Avg)	Wt. after 4 Months (Avg)	% Increased (Avg)	Initial height (Inches) (Avg)	Height after 4 Months (cm) (Avg)	% Increased in Height (Avg)
Farmers' practice:	10	6 to 18 months	8.90	9.42	5.84	29.80	31.15	4.53
T.O. I			8.80	9.55	8.52	29.50	30.95	4.91
T.O. II			8.85	9.92	12.09	29.28	31.22	6.62

Table:-2

Technology Option	No. of Replication	Change in Anthropometric measurements in selected children(chest and arm circumference)						
		Avg. Age	Initial chest circumference (cm) (Avg)	After 4 months (cm) (Avg)	% Increased (Avg)	Initial Arm circumference (cm)	After 4 months (cm) (Avg)	% Increased (Avg)
Farmers' practice:	10	6 to 18 months	48.2	48.8	1.24	14.50	14.90	2.75
T.O. I			48.5	49.6	2.26	15.50	15.95	2.90
T.O. II			48.3	49.7	2.89	15.35	15.95	3.90

Table: -3

Technology Option	No of Replication	Frequency of feeding of complementary food (in Nos.)
T.O. I – Roasted maize flour 60gm + roasted chana flour 20gm + sugar 20 gm + ½ cup of milk.	10	3 times /day

T.O. II – QPM (malted roasted) 50gm + sprouted & roasted green gram 25gm + Til/groundnut roasted 10gm + sugar 15gm + ½ cup milk.		3 times /day

Table: -4

Technology Option	No of Replication	Adoption of QPM verity in food practices in (kg/day)
T.O. II – QPM (malted roasted) 50gm + sprouted & roasted green gram 25gm + Til/groundnut roasted 10gm + sugar 15gm + ½ cup milk	10	0.66kg

Table: -5

Technology Option	No. of Replications	age	organoleptic assessment on 5 points acceptability			
			Taste	colour	odour	texture
Farmers' practice:	10	6 to 18 months	Good (50%)	Average (90%)	Average (90%)	soft (100%)
T.O. I			Very good (80%)	Good (80%)	Good(90%)	soft (100%)
T.O. II			Very good (100%)	very good (100%)	very good (100%)	soft (100%)

Result: On Farm Trial was conducted on the topic "**Assessment of QPM based weaning/enriched food for child health"** during the year 2020-21 with three treatment and 10 replications. In trial, we found that QPM (malted roasted) 50 gram, sprouts & roasted green gram 25-gram, till/groundnut roasted 10-gram, sugar 15 gram, with ½ cup milk is more nutritive and acceptable by the children because of its organoleptic and Anthropometric properties.

Change in processing practices: Malting and Roasting the grains for complementary food was Adopted

OFT 8 (2021) - Plant Pathology

Sl.	Particulars	Description
1.	Title of On-farm Trial	Efficacy of different fungicides against Onion Tip Blight caused by *Stemphyllium* spp.
2.	Problem diagnosed	Yellowing and browning of tip of Onion leaf.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**Control -Farmers' practice** (No fungicides) **T.O. I –** Carbendazim 50% WP@2 g/L **T.O. II –**Carbendazim (13%) +Mancozeb (63%) @ 2.5g/L
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	G.B.P.U.A.&T., Pantnagar
5.	Production system and thematic area	Vegetable Production System, IPM
6.	Performance of the Technology with performance indicators	**Technical Observations**: Disease severity, Yield **Economic Indicator:** Net return, B:C ratio
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	-

Table:

Technology options	Percent Disease Index (PDI)	Total Yield (q/ha)	Marketable Yield (q/ha)	Bulb Grade (%)			Plant height (cm)
				A (Diameter more than 55 mm)	B (Diameter 45-55 mm)	C (Diameter less than 45 mm)	
Control -Farmers' practice (No fungicides)	59.78[b]	266.9[b]	254.4	2.3	16.4	83.6	45.67
T.O. I – Carbendazim 50% WP@2 g/L	48.6[c]	282.9[a]	279.6	2.5	19.32	74.78	53.13
T.O. II – Carbendazim (13%) +Mancozeb (63%) @ 2.5g/L	43.6[a]	298.5[c]	291.7	2.7	24.8	77.6	58.61

Technology options	Yield (q/ha)	Cost of cultivation	Gross Income	Net Income	B:C Ratio
Control -Farmers' practice (No fungicides)	266.9	85750.50	228070.70	142320.2	3.4
T.O. I – Carbendazim 50% WP@2 g/L	282.9	76470.25	313528.15	237057.9	4.1
T.O. II –Carbendazim (13%) +Mancozeb (63%) @ 2.5g/L	298.5	76450.25	328735.75	252284.75	4.3

OFT 9 (2021) – Plant Pathology

Sl.	Particulars	Description
1	Title of On Farm Trial	**Ecofriendly management of borer of Okra.**
2	Problem Diagnose	Loss in Okra production due to heavy attack of fruit borer in Arwal district.
3	Details of Technologies selected for assessment/refinement	**Control - Farmers'** Practice Dusting or spray **T.O. I:** 4 Spray at 10 days interval, of Azadirachtin 300 ppm @ 5ml/L+Verticilium lecani @1000ml ai/ha **T.O. II:** 4 Spray at 10 days interval, of Emamectin benzoate @ 12g ai/ha **TO-III:** 4 Spray at 10 days interval, of Indoxacarb 14.5 SC @50 g ai/ha
4	Source of Technology	TNAU, Coimbatore
5	Replication	8
6	Production System & Thematic Area	Rice-lentil-vegetable, IPM
7	Performance of Technology with performance indicator	1) Insect Incidence, 2) Yield, 3) Net return, 4) B:C ratio
8	Constraints identified and feedback for research	-
9	Process of farmers participation and their reaction	Participatory

Table:

Technologies		Fruit Damage Per cent	Yield	Cost of Cultivation	Gross Return	Net Return	BC Ratio
Control -	Farmers' Practice Dusting or spray	42.52	186	94560	279000	184440	2.950
T.O.- I	4 Spray at 10 days interval, of Azadirachtin 300 ppm @ 5ml/L+ Verticilium lecani @1000ml ai/ha	34.10	202	96270	303000	206730	3.147
T.O.- II	4 Spray at 10 days interval, of Emamectin benzoate @ 12g ai/ha	27.2	217	96055	325500	229445	3.888
T.O.-III	4 Spray at 10 days interval, of Indoxacarb 14.5 SC @50 g ai/ha	23.21	231	97890	346500	248610	3.570

Result: TO-I, TO-II and TO-III showed significant difference in comparison to control i.e., farmer's practice. Out of all the three treatments, TO-III showed least fruit damage per cent (23.21%), followed by To-II (27.2%) and TO-I (34.10%) while the maximum fruit damage was recorded in control (42.52%). Highest BC ratio was also recorded in TO-III (3.570) followed by To-II (3.888) and TO-I (3.147). Hence treatment TO-III was found to be best for the management of borer of Okra.

OFT 10 (2021-22) – Home Science

Sl.	Particulars	Descriptions
1	Title of the OFT	**Assessment of preparation methods of Potato flakes for more self-life and enhancement of income.**
2	Problem diagnosed	Local people consume fresh potatoes as such as vegetables.
3	Details of Technologies selected for assessment/refinement	**Farmers' practice –** Local people consume fresh potatos as such as vegetables. **T.O. I –** Preparation of potato flakes – Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g **T.O. II –**Preparation of potato flakes – Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g, Acetic acid 50.0 ml.
4	Source of Technology	Central Potato Research Centre, Shimla
5	No of Replications	10
6	Production system & Thematic Area	Farm instead, Income generation through Value addition
7	Performance indicators	1) Sensory analysis (fried in edible refined oil) Taste Texture (crispness) Colour Flavour Overall acceptability 2) Packaging material – Metalized polyester 200 gauge 3) Self-life (0,15,30,45,60,75 days at ambient condition)

Table -1

Sensory Evaluation

Sr. No.	Technology Options	No of trials	Taste	Texture (crispness)	Colour	Flavour	Overall acceptability	Self-life
Control	Local people consume fresh potatos as such as vegetables.	10	6.9	6.1	6.2	6.8	6.5	Best before 1 days
T.O.1	Preparation of potato flakes – Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g		7.2	6.8	6.8	7.2	7.0	45 days
T.O.2	Preparation of potato		7.4	7.2	7.4	7.9	7.47	60 days

	flakes – Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g, Acetic acid 50.0 ml.							

Table-2

Sr. No.	Technology Options	No of trials	Gross cost for preparation of 5 kg potato flakes(Rs)	Gross return (Rs)	Net return for (Rs)	B:C ratio
control	Local people consume fresh potatos as such as vegetables.	10	90	145	55	1.61
T.O.1	Preparation of potato flakes – Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g		97	205	108	2.11
T.O.2	Preparation of potato flakes – Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g, Acetic acid 50.0 ml.		115	251	136	2.18

Result- On farm trial on the topic of "**Assessment of preparation methods of Potato flakes for more self-life and enhancement of income."** was conducted during the year 2021 – 22 with 03 treatment and 10 replications. All the treatment gave good self-life with texture in comparison to farmers practices. Among the options tested, highest shelf life, colour, texture, taste and maximum gross return 251 with a B:C ratio 2.18 was observed when Preparation of potato flakes with Sliced potatoes (3-5 mm) – 5 Kg, Salt 50 g, water 7.5 litre, KMS 6.0 g, Acetic acid 50.0 ml.

OFT 11 (2021-22) – Crop Production

Sl.	Particulars	Description
1	Title of On Farm Trial	**To assess the performance of inoculation of Rhizobium and PSB for yield enhancement of lentil.**
2	Problem Diagnose	Poor growth of crop leading to low yield of lentil.
3	Details of Technologies selected for assessment/ refinement	**Control –** Farmers' Practice:(10:20:0 Kg :: N:P_2O_5:K_2O/ha - P_2O_5 by SSP) **T.O. I –** 100% of RDF (20:40:0 Kg :: N:P_2O_5:K_2O /ha - P_2O_5 by SSP) **T.O. II –** 80% of RDF (N:P_2O_5:K_2O Kg/ha - P_2O_5 by SSP) + PSB + Rhizobium as seed treatment @750ml/ha of each.
4	Source of Technology	HAU, Hisar
5	Replication	08
6	Production System & Thematic Area	SPS, Nutrient Management
7	Performance of Technology with performance indicator	Yield attributing characters, yield and economics and B:C ratio.
8	Constraints identified and feedback for research	-
9	Process of farmers participation and their reaction	-

Result: Continue

OFT 12 (2021-22)

Sl.	Particulars	Description
1	Title of On Farm Trial	**To assess the performance of different herbicides for weed management of wheat.**
2	Problem Diagnose	Commonly used herbicides adversely affect growth and yield of wheat crop, which is to be replaced by suitable herbicide.
3	Details of Technologies selected for assessment/ refinement	**Control –** Farmers' practice – No weed control **T.O. I –** Spray of Sulfosulfuron 75% + Metsulfuron methyl 5% (WG) @40g/ha (30-35 DAS) **T.O. II –** Spray of Clodinafop propargyl (15 WP) @ 400g/ha (30-35 DAS)
4	Source of Technology	HAU, Hisar
5	Replication	10
6	Production System & Thematic Area	SPS, Weed Management
7	Performance of Technology with performance indicator	Weed count/m^2, yield attributing characters, yield, economics and B:C ratio.
8	Constraints identified and feedback for research	-
9	Process of farmers participation and their reaction	-

Result: Continue

OFT 13 (2021-22) – Horticulture

1.	Title of on farm Trial	Insecticide molecule against sucking pest of Okra
2.	Problem diagnoses	The sucking pest complex consisting of aphids, leaf hoppers, whiteflies and thrips are major pests and cause 17.46 per cent yield loss in okra
3.	Details of technologies selected for assessment/refinement	**TO 1:** Farmer practices (Profenophos 50 EC @ 2 gm/lt water) **TO 2:** Thiamthoxam 25 wg @ 0.35 gm/L at 20 Days after sowing at 10 days interval three times **TO 3:** Imidacloprid 70 WG @ 0.3 gm/L at 20 Days after sowing at 10 days interval three times
4.	Source of Technology	Bihar Agricultural University, Sabour, Bihar
5.	Production system and thematic area	Rice-okra, Integrated Pest Management
6.	Performance of the Technology with performance indicators	The infestation of sucking pest complex is reduced and increase yield marginally.
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	-

Result: Continue

OFT 14 (2021-22) – Horticulture

1.	**Title of the OFT**	**Response of Micronutrients on yield and economics of Onion.**
2.	Problem diagnosed	Farmer cultivates onion in large area for better price from a unit area and sale in distinct market for higher price. Farmer use macro nutrients only but fetch lower marketability which is due to little/no application of micro nutrients.
3.	Treatments	Control – Farmers Practice (RDF) T.O. I – RDF(120:100:60) + Boron@10kg/ha T.O. II – RDF(120:100:60) + sulfer@20kg/ha T.O. III – RDF(120:100:60) + sulfer@20kg/ha + Boron@10kg/ha
4.	Source of Technology	BAU, Sabour
5.	Production system & Thematic Area	Onion, INM
6.	Monitoring Indicator	1) Plant height (cm), 2) No. of leaves, 3) Diameter of bulb (mm), 4) Yield of bulb (q/ha), 5) Splitting of bulb,6) % increase in yield and 7) keeping quality
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	-

Result: Continue

OFT 15 (2021-22) – Animal Science

SI.	Particulars	Descriptions
1	Title of the OFT	**Effect of supplementation of Shatavari (*Asparagus recemosus*) on production performance of lactating bovines.**
2	Problem diagnosed	Low milk production
3	Details of Technologies selected for assessment/refinement	**Control - Farmers' practice**: Normal feeding with available resource **T.O. I –** 50 gm mineral mixture per day for 60 days **T.O. II –** 50 gm mineral mixture + 50 gm Shatavari per day for 60 days
4	Source of Technology	Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, Punjab, India
5	No of Replications	8
6	Production system & Thematic Area	Farm stead, Dairy Management
7	Performance indicators	Milk Production & Economics

Result: Continue

OFT 16 (2021-22) – Animal Science

SI.	Particulars	Descriptions
1	Title of the OFT	**Assessment of traditional herbs to improve immunity against common diseases in backyard chicken.**
2	Problem diagnosed	Mortality of backyard chicken
3	Details of Technologies selected for assessment/refinement	**Control - Farmers' practice**: Scavenging without any feed supplementation **T.O. I –** Use of grinded turmeric rhizome (half spoon) + 01 clove extract of garlic per litter of water **T.O. II –** Use of Apple Cidar Vineger @ 5ml/litter of water
4	Source of Technology	LUVAS, Haryana
5	No of Replications	10
6	Production system & Thematic Area	Backyard system, Poultry management
7	Performance indicators	Disease occurrence, Growth, Mortality and egg production.

Result: Continue

OFT 17 (2021-22) – Home Science

Sl.	Particulars	Descriptions
1	Title of the OFT	**Assessment of impact of ready to use infant food on anthropometric parameters of mal-nutrished children (6 months to 2 years)**
2	Problem diagnosed	Lack of dietary knowledge which meets poor choice of food leads to poor health of children.
3	Details of Technologies selected for assessment/refinement	**Farmers' Practice –** Normal homemade food (the children are not being provided nutrient rich food. No ready to eat food is being practiced by majority of children) **T.O.I –** Standard ingredients: Ragi (85:15) **T.O.II –** Standard ingredients: Wheat (85:15) ***Standard ingredients:*** The ready to use infant food mixes were developed by using different cereals/millets, for this a standard combination of peanut: sugar: milk powder and ghee had been made in ratio of 2:3:2.5:1 The food mixes from cereals/millets had been developed by taking the standard combination and processed cereals/millets powder in the ratio of 85:15
4	Source of Technology	By Usha Singh, DRPCAU, Pusa, Samastipur
5	No of Replications	10
6	Production system & Thematic Area	Farm instead, Mother and child care
7	Performance indicators	1) Sensory analysis Taste Texture (crispness) Colour Flavour Facial appearance Overall acceptability 2) Body weight at monthly interval 3) Height at monthly interval 4) Stomach discomfort if noticed.

Result: Continue

3.1.2 Technology Assessed by KVK (Discipline wise)

Sl. No.	Discipline	Thematic areas	No. of the technologies (Technology Interventions)	No. of trials	No. of Locations
1	Crop Production	INM	2	8	3
		IWM	3	8	3
2	Plant Protection/Pathology	IPM	2	8	3
		IPM	2	8	3
3	Horticulture	IPM	3	8	3
4	Livestock	Disease Management	2	10	3
		Poultry Management	2	10	4
5	Enterprises	Value Addition	2	10	3
		Value Addition	2	10	4
		Value Addition	2	10	4
4	Women Empowerment	-	-	-	-

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.															
2.															
3.															

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					

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: NA

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: NA

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

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
F.Y. 2020-21																	
Wheat (DBW-14)	Crop Production	Seed demo.	19	7.3	37.7	32.10	17.4	-	-	41410	79947	38537	1.93	39900	68268	28368	1.71
Broccoli (Fantasy 1)	Crop Production	Seedling	20	1.0	56000 curd	48379 curd	15.75	-	-	218000	686700	468700	3.15	198750	548120	349370	2.75
Lobia (Kashi Kanchan)	Crop Production	Seed demo.	20	1.0	73.94	64.75	14.25	-	-	45775.75	149049.55	103273.80	3.25	42500.00	130471.125	87971.12	3.06
F.Y. 2021-22																	
Paddy (Var. S. Shree & R. Sweta)	Crop Production	Seed, seed treating chemicals	28	11.0	58.75	52.91	11.0	-	-	41720	118875	77155	2.85	40685	107413	66728	2.64
Bottle gourd (CBH-11 Hyb.)	Crop Production	Sapling	20	0.4	275	225.5	18.0	-	-	52000	233750	181750	4.49	48500	191675	143675	3.95
Brinjal (Var. DS-407)	IPM	Seed, Fluorescent Pseudomonas, Insecticide and seed treating chemicals	20	1.6	346	292.37	15.5	-	-	103500	484400	380900	4.68	95750	409318	313568	4.27
Lobia (Kashi Kanchan)	Crop Production	Seed demo.	20	1.0	Continue												
Broccoli (Fantasy 1)	Crop Production	Seedling	20	1.0	Continue												
TOTAL			**168**	**24.3**													

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

Dairy (Dewormer) **(2021-22)**	Animal Disease Management	Dewormers	62	100	Continue										
Cow															
Buffalo															
Poultry															
Rabbitry															
Pigerry															
Sheep and goat (Dewormer) **(2021-22)**	Goatry	Endoparasiticide + Liver tonic	100	100	Continue										
Duckery															
Others, Fodder Crop (Berseem) **(2020-21)**	Fodder Production	Seed demo.	42	2.0	510	435	7.24	25100	101800	76700	4.05	23580	87000	63420	3.69
Others, Fodder Crop (Berseem) **(2021-22)**	Fodder Production	Seed demo.	20	1.0	Continue										
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 **(2020-21)**	Enterprise development	50	2Kg spawn each	15 bag	12 bag	25.0	-	-	550	2200	1650	4.0	400	1300	900	3.25
Oyster mushroom **(2021-22)**	Enterprise development	100	2Kg spawn each	Continue												
Paddy straw mushroom **(2021-22)**	Enterprise development	10 (500 gm mushroom spawn each)	10 (20 bed)	2.5kg/bed	1.5 kg /bed	66.66	-	-	100	500	400	5.0	150	300	150	2.0
Milky mushroom **(2021-22)**	Enterprise development	26 (2 kg mushroom spawn each	26 (16 bag per unit)	1.5 kg/bag	950gram/ bag	57.89	-	-	300	2400	2100	8.0	400	1520	1120	3.8
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (Kitchen Garden) **(2020-21)**	Nutrition Management	100	200 sq.m.	290 Kg	220 Kg	31.8	-	-	1400	5800	4400	4.14	1500	4400	2900	2.93
Others (Kichen Garden) **(2021-22)**	Nutrition Management	100	200 sq.m.	Continue												
	Total	386														

* 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

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	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										

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
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										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back

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 and Rabi:

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.	Chick Pea (Rabi 2020-21)	Local variety (Small seed size)	7.40	46	246	12	PG -186	25	10	15.8	8.8	10.87			
2.	Lentil (Rabi 2020-21)	Local variety (Small seed size)	5.46	334	386	15.3	HUL-57 + Seed treatment with Bavistin + Sulfur + Imidacloprid	25	10	11.6	6.9	8.18			
3.	Mustard (Rabi 2020-21)	Local variety (Small seed size)	6.20	325	450	15	RNG-48 + Sulfur	53	20	9.6	5.92	8.66			
4.	Green Gram (Summer 2021)	Local variety (Small seed size)	4.40	79	108	10	IPM-2-14 + Sulfur	26	10	7.1	4.4	5.79			

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C Ratio (Gross return/Gross cost)
1	Chick Pea PG-186	21450	35607	14157	1.66	26350	50592	24242	1.92
2	Lentil HUL-57 + Seed treatment with Bavistin + Sulphur + Imidacloprid	17360	25345.6	7985.6	1.46	23950	44547	20597	1.86
3	Mustard RNG-48+Sulfur	18650	27229	8579	1.46	22521.15	40538.0	18017.0	1.8
4	Green Gram IPM-2-14+Sulfer	22450	27540	5043	1.22	26546	34720	8164	1.30

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/ house hold)
1.	Chick Pea PG-186	1087	850	70	137	100	Household expenditure, Children education, health	10
2.	Lentil HUL-57	818	650	60	118	50	Household expenditure, Children education, health	10
3.	Mustard RNG-48	866	720	40	80	66	Household expenditure and children expenditure and health issue	12
4.	Green Gram IPM-2-14	579	450	55	70	59	Household expenditure and children expenditure and health issue	12

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1							
2							
3							

E. Specific Characteristics of Technology and Performance

Chick pea			
Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Medium branching in comparison to local variety	Average in comparison to local variety	equivalent yield in comparison to local check	Less wilt incidence, Pod borer attack reported
Medium size			preferred than local variety

Lentil			
Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback

Highly branching,	Better in comparison to local variety	Better performance in comparison to local check	Proffered by farmer due to medium size and high branching type. It results in good yield.
Medium size			Wilt incidence
Tall plant type			

Mustard

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Medium size	Average in comparison to local variety	equivalent yield in comparison to local check	attack of Aphid
			preferred than local variety

Green Gram			
Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Medium size	better in comparison to local variety in summer season	higher yield in comparison to local check	Less attack of Mungbean Yellow vein mosaic virus.
			More preferred than local variety
			Highly damaged by Neel gay (Blue bull)

F. Extension activities under FLD conducted till dates:

Crops	Extension Activities	Date	No. of Participants
Chick Pea	Field day	27-03-2021	11

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

Chick Pea Photographs


Lentil Photographs



Mustard Photographs

Green Gram Photographs

H. Farmers' training photographs

I. Quality 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 (On campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	4	325	0	325	14	11	25	0	0	0	339	11	350
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	20	0	20	2	1	3	0	0	0	22	1	23
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of low volume and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits													
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	44	0	44	6	0	6	0	0	0	50	0	50
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any(INM)	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management													
Dairy Management	2	59	0	59	12	1	13	0	0	0	71	1	72
Poultry Management	4	7	21	28	0	109	43	0	0	0	7	130	137
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed management	2	17	8	25	3	23	26	0	0	0	20	31	51
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	7	17	24	3	12	15	0	0	0	10	29	39
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	0	0	0	4	33	37	0	0	0	4	33	37
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	2	0	0	0	0	88	40	0	0	0	0	88	88

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
Value addition	2	0	45	45	0	9	9	0	0	0	0	54	54
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	1	0	31	31	0	7	7	0	0	0	0	38	38
Others, if any	1	2	21	23	0	0	0	0	0	0	2	21	23
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection													
Integrated Pest Management	3	57	4	61	4	0	4	0	0	0	61	4	65
Integrated Disease Management	2	39	3	42	1	0	1	0	0	0	40	3	43
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0

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 Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)													
TOTAL	**27**	**577**	**150**	**727**	**49**	**294**	**229**	**0**	**0**	**0**	**626**	**444**	**1070**

B) Rural Youth (On campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	1	0	0	0	22	8	30	0	0	0	22	8	30
Bee-keeping	2	6	13	19	15	11	26	0	0	0	21	24	45
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	1	0	0	0	5	30	35	0	0	0	5	30	35
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	1	0	17	17	0	5	5	0	0	0	0	22	22
Dairying	2	51	7	58	7	2	9	0	0	0	58	9	67
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	1	0	15	15	0	16	16	0	0	0	0	31	31
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Others if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**8**	**57**	**52**	**109**	**49**	**72**	**121**	**0**	**0**	**0**	**106**	**124**	**230**

C) Extension Personnel (On campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	1	0	18	18	0	4	4	0	0	0	0	22	22
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	1	0	23	23	0	5	5	0	0	0	0	28	28
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	2	0	44	44	0	5	5	0	0	0	0	49	49
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**4**	**0**	**85**	**85**	**0**	**14**	**14**	**0**	**0**	**0**	**0**	**99**	**99**

D) Farmers and farm women (Off campus)

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
I. Crop Production													
Weed Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	3	40	0	40	6	0	6	0	0	0	46	0	46
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	2	30	0	30	7	0	7	0	0	0	37	0	37
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	21	826	65	891	134	39	173	0	0	0	960	104	1064

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
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	4	67	4	71	5	0	5	0	0	0	72	4	76
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	2	38	2	40	10	0	10	0	0	0	48	2	50
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	2	35	5	40	13	2	15	0	0	0	48	7	55
Production of low volume and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	1	18	2	20	3	0	3	0	0	0	21	2	23
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	3	76	8	84	33	6	39	0	0	0	109	14	123
b) Fruits													
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	16	3	19	2	0	2	0	0	0	18	3	21
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	30	5	35	20	5	25	0	0	0	50	10	60
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management													
Dairy Management	3	17	24	41	0	19	19	0	0	0	17	43	60
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	2	1	26	27	0	11	11	0	0	0	1	37	38
Feed management	2	66	42	108	14	8	22	0	0	0	80	50	130
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	3	2	5	11	4	15	0	0	0	14	6	20
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	8	56	75	131	0	74	74	0	0	0	56	149	205
Design and development of low/minimum cost diet	2	5	8	13	0	49	49	0	0	0	5	57	62
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	1	0	8	8	0	11	11	0	0	0	0	19	19
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	3	0	29	29	0	30	30	0	0	0	0	59	59
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	6	11	72	83	3	43	46	0	0	0	14	115	129

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	0	0	0	0	0	0	0	0	0	0	0	0	0
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection													
Integrated Pest Management	10	485	58	543	83	11	94	0	0	0	568	69	637
Integrated Disease Management	1	52	0	52	0	0	0	0	0	0	52	0	52
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	2	84	48	132	13	5	18	0	0	0	97	53	150
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0

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 Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)													
TOTAL	**81**	**1956**	**486**	**2442**	**357**	**317**	**674**	**0**	**0**	**0**	**2313**	**803**	**3116**

E) Rural Youth (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	13	13	0	9	9	0	0	0	0	22	22
Production of quality animal products	1	0	14	14	0	2	2	0	0	0	0	16	16
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	1	0	18	18	0	4	4	0	0	0	0	22	22
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0

Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	5	0	71	71	0	37	37	0	0	0	0	108	108
TOTAL	**8**	**0**	**116**	**116**	**0**	**52**	**52**	**0**	**0**	**0**	**0**	**168**	**168**

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	1	60	5	65	8	2	10	0	0	0	68	7	75
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	1	60	5	65	8	2	10	0	0	0	68	7	75
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**2**	**120**	**10**	**130**	**16**	**4**	**20**	**0**	**0**	**0**	**136**	**14**	**150**

G) Farmers and farm women (Online Training)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	8	3	11	0	0	0	0	0	0	8	3	11
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	1	9	1	10	0	0	0	0	0	0	9	1	10
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	1	9	0	9	1	0	1	0	0	0	10	0	10
Integrated Crop Management	2	14	0	14	1	0	1	0	0	0	15	0	15
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0

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 organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of low volume and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
b) Fruits													
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	3	24	3	27	2	1	3	0	0	0	26	4	30
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology	1	4	0	4	1	0	1	0	0	0	5	0	5
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0

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 and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management													
Dairy Management	3	63	10	73	22	5	27	0	0	0	85	15	100
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	3	20	2	22	5	0	5	0	0	0	25	2	27
Feed management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	5	58	13	71	11	4	15	0	0	0	69	17	86
Value addition	1	9	3	12	0	0	0	0	0	0	9	3	12
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	1	14	1	15	2	0	2	0	0	0	16	1	17
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection													
Integrated Pest Management	5	38	3	41	7	0	7	0	0	0	45	3	48
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VIII. Fisheries													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)													
TOTAL	**27**	**270**	**39**	**309**	**52**	**10**	**62**	**0**	**0**	**0**	**322**	**49**	**371**

H) Consolidated table (ON, OFF Campus & Online)

i. Farmers & Farm Women (On, Off Campus and Online)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	8	3	11	0	0	0	0	0	0	8	3	11
Resource Conservation Technologies	3	40	0	40	6	0	6	0	0	0	46	0	46
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Water management	3	39	1	40	7	0	7	0	0	0	46	1	47
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	1	9	0	9	1	0	1	0	0	0	10	0	10
Integrated Crop Management	27	1165	65	1230	149	50	199	0	0	0	1314	115	1429
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, (IPM)	4	67	4	71	5	0	5	0	0	0	72	4	76
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	3	58	2	60	12	1	13	0	0	0	70	3	73
Water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	2	35	5	40	13	2	15	0	0	0	48	7	55
Production of low volume and high value crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	1	18	2	20	3	0	3	0	0	0	21	2	23
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	3	76	8	84	33	6	39	0	0	0	109	14	123
b) Fruits													
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	5	84	6	90	10	1	11	0	0	0	94	7	101
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any(INM)	1	30	5	35	20	5	25	0	0	0	50	10	60
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0

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	1	4	0	4	1	0	1	0	0	0	5	0	5
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management													
Dairy Management	8	139	34	173	34	25	59	0	0	0	173	59	232
Poultry Management	4	7	21	28	0	109	43	0	0	0	7	130	137
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	5	21	28	49	5	11	16	0	0	0	26	39	65
Feed management	4	83	50	133	17	31	48	0	0	0	100	81	181
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any Goat farming	2	10	19	29	14	16	30	0	0	0	24	35	59
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	9	56	75	131	4	107	111	0	0	0	60	182	242

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
Design and development of low/minimum cost diet	2	5	8	13	0	49	49	0	0	0	5	57	62
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	1	0	8	8	0	11	11	0	0	0	0	19	19
Enterprise development	7	58	13	71	11	92	55	0	0	0	69	105	174
Value addition	6	9	77	86	0	39	39	0	0	0	9	116	125
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	7	11	103	114	3	50	53	0	0	0	14	153	167
Others, if any	1	2	21	23	0	0	0	0	0	0	2	21	23
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	1	14	1	15	2	0	2	0	0	0	16	1	17
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VII. Plant Protection													
Integrated Pest Management	18	580	65	645	94	11	105	0	0	0	674	76	750
Integrated Disease Management	3	91	3	94	1	0	1	0	0	0	92	3	95
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	2	84	48	132	13	5	18	0	0	0	97	53	150
VIII. Fisheries													
Integrated fish farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IX. Production of Inputs at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)													
TOTAL	**135**	**2803**	**675**	**3478**	**458**	**621**	**965**	**0**	**0**	**0**	**3261**	**1296**	**4557**

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	1	0	0	0	22	8	30	0	0	0	22	8	30
Bee-keeping	2	6	13	19	15	11	26	0	0	0	21	24	45
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	1	0	0	0	5	30	35	0	0	0	5	30	35
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	13	13	0	9	9	0	0	0	0	22	22
Production of quality animal products	2	0	31	31	0	7	7	0	0	0	0	38	38
Dairying	2	51	7	58	7	2	9	0	0	0	58	9	67
Sheep and goat rearing	1	0	18	18	0	4	4	0	0	0	0	22	22
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	1	0	15	15	0	16	16	0	0	0	0	31	31
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Others if any (ICT application in agriculture)	5	0	71	71	0	37	37	0	0	0	0	108	108
TOTAL	**16**	**57**	**168**	**225**	**49**	**124**	**173**	**0**	**0**	**0**	**106**	**292**	**398**

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	1	60	5	65	8	2	10	0	0	0	68	7	75
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	2	60	23	83	8	6	14	0	0	0	68	29	97
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Protected cultivation technology	1	0	23	23	0	5	5	0	0	0	0	28	28
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and Child care	2	0	44	44	0	5	5	0	0	0	0	49	49
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop intensification	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**6**	**120**	**95**	**215**	**16**	**18**	**34**	**0**	**0**	**0**	**136**	**113**	**249**

*Please furnish the details of training programmes as **Annexure - I** in the proforma given below: **Attached at end of Report***

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

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Vermi-Compost	Vermi-compost Production	Vermi-compost Producer	25	14	06	20	-	-	-	-
Dairying	Dairy Management	पशुपालन : आमदनी का स्रोत	6	30	04	34	-	-	-	-
Enterprise	Bee Keeping	Bee Keeping	7	07	23	30	-	-	-	-
Enterprise	Bee Keeping	Bee Keeping	5	14	01	15	-	-	-	-

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

I) Sponsored Training Programmes: *Annexure – II (Attached at end of Report)*

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	

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
Field Day	6	165	85	250	16.13	0	0	0	165	85	250
Kisan Mela	2	303	300	603	30.70	0	0	0	303	300	603
Kisan Gosthi	3	77	11	88	13.16	0	0	0	77	11	88
Exhibition	1	20	50	70	30.00	0	0	0	20	50	70
Film Show	0	0	0	0	0.00	0	0	0	0	0	0
Method Demonstrations	0	0	0	0	0.00	0	0	0	0	0	0
Farmers Seminar	0	0	0	0	0.00	0	0	0	0	0	0
Workshop	5	21	4	25	3.81	0	0	0	21	4	25
Group meetings	2	87	9	96	12.91	11	1	12	98	10	108
Lectures delivered as resource persons	7	339	40	379	14.86	0	0	0	339	40	379
Advisory Services	2418	1278	204	1482	8.50	0	0	0	1278	204	1482
Scientist visit to farmers field	91	882	257	1139	18.49	0	0	0	882	257	1139
Farmers visit to KVK	4499	2846	1653	4499	32.49	0	0	0	2846	1653	4499
Diagnostic visits	2	6	0	6	0.00	0	0	0	6	0	6
Exposure visits	8	626	14	640	7.64	0	0	0	626	14	640
Ex-trainees Sammelan	0	0	0	0	0.00	0	0	0	0	0	0
Soil Health Camp	0	0	0	0	0.00	0	0	0	0	0	0
Animal Health Camp	0	0	0	0	0.00	0	0	0	0	0	0
Agri mobile clinic	0	0	0	0	0.00	0	0	0	0	0	0
Soil test campaigns	0	0	0	0	0.00	0	0	0	0	0	0
Farm Science Club Conveners meet	0	0	0	0	0.00	0	0	0	0	0	0
Self Help Group Conveners meetings	0	0	0	0	0.00	0	0	0	0	0	0
Mahila Mandals Conveners meetings	0	0	0	0	0.00	0	0	0	0	0	0
Special Programme	16	522	481	1003	24.64	0	17	17	522	498	1020
Sankalp Se Siddhi	0	0	0	0	0.00	0	0	0	0	0	0
Swatchta Hi Sewa	0	0	0	0	0.00	0	0	0	0	0	0
Any Other (Specify)	0	0	0	0	0.00	0	0	0	0	0	0
Total	**7060**	**7172**	**3108**	**10280**		**11**	**18**	**29**	**7183**	**3126**	**10309**

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	08
Radio talks	01
TV talks	-
Popular articles	-
Extension Literature	-
Other, if any	-

C. Celebration of important days

Celebration of Important Days	No. of activities	Farmers				Extension Officials/KVK Staffs			Total		
		M	F	Total	SC/ ST (% of total)	M	F	Total	M	F	Total
Republic day (26th Jan.)	01	39	30	69	25.97	6	2	10	45	32	77
International Women's Day (8th Mar.)	01	0	106	106	50.94	8	0	10	08	108	116
Ambedkar Jayanti (14th Apr.)	-	-	-	-	-	-	-	-	-	-	-

Celebration of Important Days	No. of activities	Farmers				Extension Officials/KVK Staffs			Total		
		M	F	Total	SC/ ST (% of total)	M	F	Total	M	F	Total
World Water Day (22nd Mar.)	02	255	253	508	40.35	7	2	9	262	255	517
World Milk Day (1st Jun.)	01	69	06	75	30.67	2	1	3	72	07	79
World Environment Day (5th Jun.)	-	-	-	-	-	-	-	-	-	-	-
International Yoga Day (21st Jun.)	-	-	-	-	-	-	-	-	-	-	-
ICAR Foundation Day (16th July)	01	25	0	25	20.00	5	2	7	30	2	32
Independence Day (15th Aug.)	01	25	17	42	19.05	6	2	8	31	19	50
Parthenium Awareness Week (16th to 22nd Aug.)	04	39	12	51	29.41	8	2	10	47	14	61
Hindi Diwas (14th Sep.)	-	-	-	-	-	-	-	-	-	-	-
Gandhi Jayanti (2nd Oct.)	-	-	-	-	-	-	-	-	-	-	-
Mahila Kisan Diwas (15th Oct.)	01	0	67	67	34.33	4	1	5	4	68	72
World Food Day (16th Oct.)	01	50	60	110	31.82	4	1	5	54	61	115
Vigilance Awareness Week (27th Oct. to 2nd Nov.)	02	07	08	15	20.00	10	3	13	17	11	28
National Unity Day (31st Oct.)	-	-	-	-	-	-	-	-	-	-	-
World Science Day (10th Nov.)	-	-	-	-	-	-	-	-	-	-	-
National Education Day (11th Nov.)	-	-	-	-	-	-	-	-	-	-	-
National Constitution Day/Nasha Mukti Diwas (26th Nov.)	01	10	3	13	30.77	8	2	10	18	5	23
World Soil Day (5th Dec.)	01	37	08	45	20.0	8	2	10	45	10	55
Kisan Diwas (23rd Dec.)	01	56	01	57	0.00	4	1	5	60	2	62
Jai Jawan – Jai Kisan (23rd to 25th Dec.)	02	27	28	55	18.0	8	2	10	35	30	65
Total	**20**	**639**	**599**	**1238**	**16.88**	**88**	**23**	**115**	**728**	**624**	**1352**

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.	29-01-2021	Hon'ble AM, GoB interaction with KVK Scientists	Hon'ble AM, Sri Amrendra Pratap Singh,	0	6	-	6
2.	28-09-2021	Live-telecast of Hon'ble PM Programme	Hon'ble PM, Sri Narendra Modi	192	12	-	204
TOTAL				192	18	-	210

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	HD2967	21.20	95400.00				

Wheat	Sabour Nirjal	14.70	66150.00				
Lentil	HUL57	2.48	27776.00				
Chickpea	PG186	0.38	3800.00				
Mustard	RGN48	0.26	2990.00				
Paddy	Sabour Shree	121.41	-				
Paddy	R. Sweta	75.11	-				
Dhaincha	Local	4.00	-				
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							
Cabbage							
Tomato							
Brinjal							
Chilli							
Onion							
Others							
Fruits							
Mango							
Guava							
Lime							
Papaya							
Banana							
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:

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

ii) Quality Seed Production Reports

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

Kharif 2021						
Rabi 2021						
Summer/Spring 2021						

iii) Financial Progress

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

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	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter				
Popular Articles	पुआल मशरूम की वैज्ञानिक खेती।	कविता डालमिया, सुरेन्द्र चौरसिया, बिभा कुमारी एवं अजय कुमार दास	11-13	1000
	दुधिया मशरूम की वैज्ञानिक खेती।	कविता डालमिया, सुरेन्द्र चौरसिया एवं बिभा कुमारी	14-15	1000
	अस्वस्थ पशुओं की पहचान कैसे करें।	बिभा कुमारी, सुरेन्द्र चौरसिया, रणवीर कुमार सिन्हा एवं कविता डालमिया	18-19	1000
	पशुओं को होने वाले प्रमुख रोग।	बिभा कुमारी, सुरेन्द्र चौरसिया, रणवीर कुमार सिन्हा एवं कविता डालमिया	20-21	1000
	ओल की वैज्ञानिक खेती।	अजय कुमार दास, उदय प्रकाश नारायण, सुरेन्द्र चौरसिया, बिभा कुमारी एवं कविता डालमिया	25-26	1000
	घरेलू स्तर पर जेली का निर्माण।	कविता डालमिया, सुरेन्द्र चौरसिया एवं बिभा कुमारी	29-31	1000
	चारा काटने की मशीन के उपयोग में सावधानियाँ।	जितेंद्र कुमार, दिनेश महतो एवं बिभा कुमारी	39-40	1000
	मतस्य पालन	बिभा कुमारी, सुरेन्द्र चौरसिया, रणवीर कुमार सिन्हा, कविता डालमिया एवं अजय कु० दास	41-42	1000
	किशोरावस्था में पोषण का कैसे रखें ध्यान !	कविता डालमिया, सुरेन्द्र चौरसिया, शारदा कुमारी एवं बिभा कुमारी		1000

Item	Title	Author's name	Number	Circulation
	पशुओं में खनिज की उपयोगिता का महत्व	बिभा कुमारी, रणवीर कु० सिन्हा, सुरेन्द्र चौरसिया एवं कविता डालमिया		1000
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	e-Training programme	HRD Training Programme on PMFME scheme (Govt. of India) for value addition for Fruits & Vegetables	Sri Ajay Kumar Das, SMS (Hort.)	03 to 04-07-2021 (2 days)	BAU, Sabour
2.	e-Training programme	HRD Training Programme on Financial Management of KVK	Dr. Surendra Chaurasia, Sr. Scientist & Head, KVK Arwal, Smt. Kumari Jyoti Singh, Assistant	07 to 08-07-2021 (2 days)	BAU, Sabour
3.	e-Training programme	HRD Training Programme on Resource Conservation Technology (RCT) with special reference to CRA Programme	Sri Ajay Kumar Das, SMS (Horticulture)	13 to 14-07-2021 (2 days)	BAU Sabour
4.	e-Training programme	Fodder Production for Dairy farm, conservation and utilization	Dr. Bibha Kumari, SMS (Vet. Sc. & A.H.)	27 to 28-07-2021	IGFRI, Jhansi & BAU, Sabour
5.	Virtual orientation cum training course	Role and responsibilities of Home Scientist in a KVK	Dr. Kavita Dalmia, SMS (Home Science)	31-07-2021 to 01-08-2021	Society of Krishi Vigyan with RVSKVV, Gwalior

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

3.7.1 Success Story 1:

Name : **Sri Nirbhay Kumar**
Address : Village – Bandhu Bigha,
Block – Kaler, Distt – Arwal (Bihar)
Phone No. : 9431451708
Email : NA

One-two lines on profitable enterprises or farming being pursued: **Poultry and fish based integrated farming**

Average annual income: **Rs. 8.6 Lakhs/Year**

Detail Story:

Knowing the poultry production on the highest degree of revenue generating business among any livestock sector, the mellowed farmer Sri Nirbhay Kumar, Vill – Bandhu Bigha, Block – Kaler, Distt – Arwal decided to diversify to broiler farming. He got training on poultry production from Govt. training centre. Initially, he started broiler chicken by contractual agreement with a private agency. After that, he built another poultry farm and raised total 5000 broilers poultry independently. He put rest of his agriculture land 2.5 ha on Patta basis to other farmer and having maximum focus on the broiler farming as an enterprise since last 4 years. KVK extended technical knowledge and scientific techniques of rearing of birds and scientific cultivation of crops. In due course, he started earning handsome income and profit, at the same time he gave employment to one person. Since last two years, he extended the entrepreneurship skill of fish farming to neighbouring villages also. With the assistance of water conservation plan of Government, two ponds in total 0.6 ha area were dug, in which he is growing fish following proper scientific techniques.

His annual income during last 4 years is as below: -

Year	Income from respective source (in Rs.)			Total Income (in Rs.)
	Crop	Broiler	Fish	
2017-18	1,90,000	2,50,000	-	4,40,000
2018-19	2,20,000	2,80,000	85,000	5,85,000
2019-20	2,50,000	4,05,000	1,82,000	8,37,000
2020-21	2,50,000	4,10,000	2,00,000	8,60,000

He was awarded by the BAU, Sabour, Bhagalpur during Rabi Kisan Mela 2021 for this entrepreneurship achievement. Now he has become a role model for other farmers of nearby area. Neighbouring villagers also visited his farm to know the latest cultivation practices so as to replicate this technology.

Activity Photographs:

3.7.2 Success Story 2:

Name : **Smt. Anita Kumari**
Address : Village – Koriam,
Block & Distt – Arwal (Bihar)
Age : 32 years
Qualification : Graduate
Phone No. : 7979882975
Email : NA
One-two lines on profitable enterprises or farming being pursued: **Cereal crops, vegetables, fruits, dairy, mushroom production and tailoring**
Average annual income: **Rs. 4.11 Lakhs/Year**

Detail Story:

Anita Kumari is an educated young and innovative woman farmer of village Koriam in Arwal block of district Arwal. She has obtained intensive training in cultivation of oyster, button and milky white mushroom organized by KVK and other agencies of Arwal district. She grows seasonal cereals and vegetable crops in about 3 acres of land. Simultaneously she is also doing mushroom cultivation and tailoring work. Anita devi is an active member of Saraswati Jeevika Women's Organization. Apart from this, she has two milch cows of high yielding breed and by selling milk in local COMFED, she meets her family and farming expenditure from time to time.

Her combined annual income from all the enterprises during last 4 years is as below: -

Year	Income from respective source (in Rs.)				Total Income (in Rs.)
	Crop	Vegetables & fruits	Mushroom	Tailoring	
2017-18	157400	25000	5200	2400	190000.00
2018-19	180700	42000	8400	3900	235000.00
2019-20	233600	58000	12800	5600	310000.00
2020-21	314700	71000	19000	6300	411000.00

Photographs:


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

Sl. No.	Name/ Title of the 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: **NA**

Sl. No	Name of the Equipment	Qty.

3.11.b. Details of samples analyzed so far: **NA**

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 : **NA**

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

3.11.d. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1.	Krishak Gosthi	45	-	-	-	45

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/N): **N**

No of student trained	No of days stayed

ARS trainees trained	No of days stayed

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

Date	**Name of the person**	**Purpose of visit**
07-08-2021	Dr. Anjani Kumar, Director, ATARI, Zone IV, Patna	12th SAC Meeting 2021
	Dr. R. N. Singh, ADEE, BAU Sabour	
	Dr. S. B. Singh, RD, ARI, Patna	
	Dr. Nityanand, Sr. Scientist & Head, KVK Aurangabad	

Date	Name of the person	Purpose of visit
03-09-2021	Dr. R. N. Singh, ADEE – cum- Nodal Officer, CRA, BAU Sabour	Visit to CRA Plots
	Dr. Nityanand, Sr. Scientist & Head, KVK Aurangabad	
10-11-2021	Dr. R. N. Singh, ADEE – cum- Nodal Officer, CRA, BAU Sabour	Visit to KVK and CRA Plots for Crop cutting programme
13-11-2021	Hon'ble MLA Maha Nand Singh, Arwal Vidhan Sabha	Visit to KVK
10-12-2021	Rajkumar Jat, Scientist, BISA, CIMMYT-India	Visit to Long term experiment plots as well as Bio-char production unit at KVK Arwal

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**
ICAR Complex for East region Patna	Technical knowhow of water saving technology for different crop.
Agricultural Technology Management Agency (ATMA), Arwal	To Conduct training and demonstration in the farmers' field.
District Agricultural Office, Arwal	Technical feedback, Human Resource development & transfer of technology.
District Horticulture Office, Arwal	Technical feedback, Human Resource development & transfer of technology.
District Dairy Development Office, Arwal	Technical feedback, Human Resource development & transfer of technology.
District Animal Husbandry Office, Arwal	Technical feedback on dairy development
Bihar Agricultural Management Extension Training Institute (BAMETI), Patna	Technical feedback, Human Resource development transfer of technology.
JEEVIKA, Arwal and other NGOs of the district	Capacity building of farmers, farm women and rural youth for income generation.
NABARD	Creating Awareness on Agriculture among farmers and formation of Kisan club
BSDM, Patna	Skill Development Training
ASCI, New Delhi	Skill Development Training
Other KVKs of the state	Seed & planting material, training and exposure visit of farmer.

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

a) Programmes for infrastructure development

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

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

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Bee Keeping	Skill development of SC/ST youths	16 to 18-12-2021	DHO, Arwal	
Mushroom Production	Skill development of SC/ST youths	20 to 21-12-2021	DHO, Arwal	

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.									
2.									
3.									

4.									
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	

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

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

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

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

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

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

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:

No. of staff quarters:

Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2013
	Kharif	Rabi	Kharif	Rabi	

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

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

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2015-16	12,10,823.00	4,78,009.00	8,41,817.00	15,74,631.00
2016-17	15,74,630.00	3,69,104.00	8,99,263.00	21,04,789.00
2017-18	21,04,788.00	3,54,231.00	6,33,276.00	23,83,833.00
2018-19	23,83,833.00	4,66,287.00	6,90,163.00	26,07,709.00
2019-20	26,07,709.00	7,62,940.00	3,97,321.00	29,73,825.00
2020-21	29,73,825.00			31,28,296.89
2021-22	31,28,296.89			

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. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both
Training on CRA & Others	24	Kharif, Summer & Rabi	DAO/DHO	-	Yes
Krishi Mela & Exhibition	01		-	Yes	-
Kisan Goshthi	02		COMFED, Arwal	-	-
Farmers – Scientist Meet	03		-	Yes	-

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)

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

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop	01	9970
Livestock	-	-
Fishery	-	-
Weather	-	-
Marketing	-	-
Awareness	-	-
Training information	-	-
Other	01	3502
Total	02	13472

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	
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): **NA**

Sl. No.	Discipline	No. of Advisories	No. of Messages (SMSs)	No. of Farmers
1.				
2.				
3.				
4.				
5.				

9.6. a. Observation of Swachha Bharat Programme/Pakhwara

Date/ Duration of Observation	Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
01-10-2021 to 31-10-2021	Swachhta Pledge, Awareness Programmes, Swachhta Workshops, awareness on waste management, cleaning of campus, farm and residential area, awareness on harmful effects of plastic use.	12	384	-	396
16 to 31-12-2021	Swachhta Pledge, Awareness Programmes, Swachhta Workshops, awareness on waste management, cleaning of campus,	12	285	-	297

	farm and residential area, awareness on harmful effects of plastic use.				

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	Yes	23000.00
2. Basic maintenance	30	
3. Sanitation and SBM	2	
4. Cleaning and beautification of surrounding areas	48	
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	1	
6. Used water for agriculture/ horticulture application	2	
7. Swachhta Awareness at local level	10	
8. Swachhta Workshops	1	
9. Swachhta Pledge	2	
10. Display and Banner	10	
11. Foster healthy competition	0	
12. Involvement of print and electronic media	5	
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	5	
14.No. of Staff members involved in the activities	12	
15. No of VIP/VVIPs involved in the activities	0	
16. Any other specific activity (in details) (Plantation drive & Kisan Diwas)	3	
Total	**131**	**23000.00**

9.7. Observation of National Science Day:

Date of Observation	Activities undertaken

9.8. Programme with Seema Suraksha Bal/ BSF:

Title of Programme	Date	No. of participants

9.9. Agriculture Knowledge in rural school:

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

Give good quality 1-2 photograph(s)

9.10. Details of '*Pre-Rabi Campaign'* Programme: NA

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

9.11. Details of Swachhta Hi Sewa programme organized: **NA**

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

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 Programme	5	67	-	-

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1	Sri Nirbhay Kumar	Vill – Bandhu Bigha, Block – Kaler, Dist – Arwal, Contact: 9431451708	Poultry and fish based integrated farming
2	Smt. Anita Devi	Vill – Koriam, Block & Dist – Arwal, Contact: 7979882975	Cereal crops, vegetables, fruits, dairy, mushroom production and tailoring

9.14. Revenue generation:

Sl.No.	Name of Head	Income (Rs.)	Sponsoring agency
1.			
2.			

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 : **NA**

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

9.17. Contingent crop planning

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

10. Report on Cereal Systems Initiative for South Asia (CSISA)
    a) Year: 2021-22
    b) Introduction / General Information:

Experiment	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Cultivation of wheat by Zero tillage	Wheat by Zero tillage	Yield enhancement	1) Broadcast sowing 2) Sowing by ZT	10th to 25th Nov. 2021	15	-
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 2021 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2021

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 2021

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	05	04
b.	Women		182
c.	Rural Youths	02	50
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
		242	242
5)	Other activities		
a.	Participants in extension activities (No.)	3099	
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.)	-	
6)	Equipment/Implements	No. of implements	No. of beneficiaries
a.	Sickles	200	100
b.	Manual Sprayer Machine	23	23
c.	Germination tray	200	20

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

Natural Resource Management

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

	Numbers under taken	units		SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

Capacity building

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

Extension activities

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

Detailed report should be provided in the circulated Performa

14. a) Awards/Recognition received by the KVK in year 2021: **NA**

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

b) Award received by Farmers in year 2021

Sl.	Name of the Award	Name of the Farmer	Address	Contact No.	Aadhar No.	Amount	Purpose	Conferring Authority
1	District level Farmer Award	Sri Nirbhay Kumar	Bandhu Bigha	9431451708	405339523767	-	Poultry and fish based integrated farming	KVK Arwal

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): **Under Construction**

A) Details of KVK Demo. Unit

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

B) Activities under IFS

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

18. Technologies for Doubling Farmers' Income: **NA**

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: **NA**

Phase	Database prepared/ covered for	KVK level Committee

	Total no. of villages	Total no. of farmers	Date of formation	Name of members	Various activity conducted for farmers
I (up-to 15.03.2018)					
II (up-to 24.04.2018)					
Total					

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

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

21.

22. a) Information on **ASCI** Skill Development Training Programme, if undertaken during 2017-18, 2019, 2020 and 2021

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.)
2020	Mushroom Grower	Dr. Kavita Dalmia Dr. Surendra Chaurasia	24-02-2020	14-01-2021 (due to Covid-19 classes was suspended)	20	Y	1,80,000.00
2021	Vermi Compost Producer	Sri Ajay Kumar Das	18-02-2021	23-03-2021	20	Y	1,80,000.00

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

Thematic area of training	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	
Agriculture Extension	Agriculture Extension Service Provider	80 hrs	1	0	0	0	26	1	27	01	28	

23. Information of NARI Project (if applicable):

Name of Nodal Officer	No. of OFT on specified aspects	Title(s) of OFT	No. of FLD on specified aspects	No. of capacity development programme on specified aspects	Total no. of farm women/ girls involved in the project	Details of Issues related to gender mainstreaming addressed through the project
Dr. Kavita Dalmia	1	Assessment of preparation methods of Potato flakes for more self-life and enhancement of income.	1	08	100	-

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.	Muradpur Huzra Amir Bigha Koriyam	Backyard/Kitchen garden	100	200	100
2.		Community level	-	-	-
3.		Terrace Garden	-	-	-
4.		Vertical Garden	-	-	-
TOTAL			100	200	100

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

Name of Nutri-Smart Village	Season	Activity (OFT/FLD)	Category of crop (cereal/ pulses/oilseed/ fruits & veg./ others	Name of Crop	Variety	Area (ha)	No. of beneficiaries
Mehandia, Usari, Sahar telpa, Khadasin, Ekraunja	Rabi	FLD	Cereal	Wheat	BHU-25, BHU-31, PBW1 Zn	3.0	8

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
Muradpur Huzra	Potato	Potato flakes	OFT	10
Amir Bigha				
Koriyam				

d. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Muradpur Huzra Amir Bigha Koriyam	Mushroom Production	5	86
	Value addition	2	33
	Women & Child Care	1	25
Total		8	144

e. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
Muradpur Huzra Amir Bigha Koriyam	Field visits	6	52
	Field day	1	22
	Mobile Advisory	165	165

24. Activities under KSHAMTA: **NA**

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

25. Activities under MGMG: **NA**

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

26. Activity information of Farmer FIRST Programme (FFP): **NA**

Sl.	Modules	Activity Information		
		Demo (No.)	No. of Farm Families	
1.	NRM Module			
2.	Crop Module			
3.	Horticulture Module			
4.	IFS Model			
		Demo (No.)	No. of Farm Families	No. of Animals
5.	Livestock & Poultry			
		No. of Program	No. of farmers	
6.	Extension Activities			

27. Information on Krishi Kalyan Abhiyan Phase- I/ Phase-II/ Phase-III, if applicable: **NA**

Krishi Kalyan Abhiyan- I/II

A. Training

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

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

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

C. Livestock and Fishery related activities

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

D. Other activities

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

Krishi Kalyan Abhiyan- III

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

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

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

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

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Annexure – I (Training Programmes – PF/RY/EF)

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
Plant Pathology	PF	Use of crop rotation in disease management	2	OFF	13	0	13	3	0	3
Crop Production	PF	Scientific cultivation of summer moong.	1	OFF	16	3	19	1	1	2
Animal Science	PF	Management of small animal	1	OFF	14	6	20	11	4	15
Home Science	PF	House hold food security by Kitchen gardening	1	OFF	0	25	25	0	25	25
Crop Production	PF	Water management of late sown wheat	1	OFF	21	0	21	3	0	3
Home Science	PF	Benefit of Mushroom production to prepare mushroom product.	1	ON	2	21	23	0	0	0
Animal Science	PF	Home made balance ration preparation for dairy animals	1	OFF	13	7	20	6	5	11
Crop Production	PF	Climate Resilient Agriculture	1	OFF	30	18	48	4	0	4
Crop Production	PF	Jal Jeewan Hariyali and CRA	1	OFF	20	31	51	5	15	20
Horticulture	PF	Climate Resilient Agriculture	1	OFF	50	10	60	20	5	25
Home Science	PF	Value addition in Mushroom by making Mushroom Pickles	1	OFF	0	21	21	0	14	14
Plant Pathology	PF	Various method of seed treatment	1	OFF	15	0	15	1	0	1
Horticulture	PF	Climate Resilient Agriculture	1	OFF	65	12	77	25	6	31
Home Science	PF	Supplementary food preparation for infant	2	ON	0	38	38	0	7	7
Animal Science	PF	Clean milk production	3	ON	21	1	22	6	1	7
Crop Production	PF	Climate Resilient Agriculture	1	OFF	25	6	31	0	0	0
Plant Pathology	PF	Use of crop rotation in disease management	1	OFF	11	3	14	0	1	1
Crop Production	PF	Scientific cultivation of summer moong.	1	OFF	14	0	14	2	0	2
Crop Production	PF	Climate Resilient Agriculture	1	OFF	46	4	50	6	2	8
Animal Science	PF	Balanced ration preparation for different class/stage of animals	3	ON	0	31	31	0	23	23
Home Science	PF	Nutritional requirement for pregnant and lactating women	1	OFF	0	14	14	0	10	10
Animal Science	RY	Preparation of products from milk and its by-product.	2	ON	0	22	22	0	5	5
Crop Production	PF	Climate Resilient Agriculture	1	OFF	28	7	35	8	3	11
Home Science	RY	Nutritional requirement for adolcent girl.	1	OFF	0	28	28	0	13	13
Home Science	EF	Low cost and nutricious diet for pre-school going children	2	ON	0	22	22	0	3	3
Crop Production	PF	Scientific cultivation of summer moong.	1	OFF	16	0	16	1	0	1
Animal Science	RY	पशुपालन : आमदनी का स्रोत	6	ON	30	4	34	4	1	5

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
Home Science	PF	Value addition in Potato by making Potato chips and Papad,	2	ON	0	30	30	0	5	5
Crop Production	PF	Scientific cultivation of summer moong.	1	OFF	21	2	23	3	0	3
Crop Production	PF	Kisan Mela cum Exhibition	2	OFF	145	30	175	45	15	60
Crop Production	PF	Climate Resilient Agriculture	1	OFF	100	0	100	2	0	2
Crop Production	PF	Climate Resilient Agriculture	1	ON	97	3	100	3	3	6
Animal Science	PF	Backyard poultry farming	2	ON	0	33	33	0	33	33
Crop Production	PF	Climate Resilient Agriculture	1	ON	98	2	100	2	2	4
Crop Production	PF	Climate Resilient Agriculture	1	ON	94	6	100	3	6	9
Home Science	PF	Cultivation of paddy straw mushroom	2	ON	0	40	40	0	40	40
Animal Science	PF	Backyard poultry farming	2	ON	0	33	33	0	33	33
Crop Production	PF	Climate Resilient Agriculture	1	OFF	97	3	100	4	3	7
Home Science	PF	Cultivation of milky white and oyster mushroom	2	ON	0	48	48	0	48	48
Crop Production	PF	Soil sampling	1	OFF	17	1	18	2	0	2
Home Science	PF	How to prepare kitchen garden for nutritious veg. and fruits	1	OFF	0	31	31	0	16	16
Home Science	PF	Awareness about daily requirement of nutrients	1	OFF	0	49	49	0	49	49
Crop Production	PF	Scientific cultivation of summer moong	1	OFF	12	0	12	2	0	2
Crop Production	PF	Soil testing technique	1	OFF	16	0	16	1	0	1
Plant Pathology	PF	IPM in Green gram	1	Online	6	1	7	1	0	1
Home Science	PF	Cultivation of paddy straw mushroom	1	Online	9	2	11	0	0	0
Plant Pathology	PF	IPM in Okra	1	Online	5	1	6	0	0	0
Animal Science	PF	पशुओं में दूध उत्पादन कैसे बढ़ाएं।	1	Online	14	0	14	1	0	1
Home Science	PF	Cultivation of Milky white Mushroom	1	Online	15	2	17	2	0	2
Crop Production	PF	Nursery Management of Paddy	1	Online	10	0	10	1	0	1
Animal Science	PF	Clean milk production and bio-security of dairy farm	1	Online	60	15	75	20	5	25
Home Science	PF	Value addition in fruits, vegetables and cereals via food preservation	1	Online	9	3	12	0	0	0
Plant Pathology	PF	धान के महत्वपूर्ण रोगों का प्रबंधन	1	Online	8	1	9	1	0	1
Animal Science	PF	Prevention & cure of diary disease seen/occurred in animal	1	Online	8	2	10	1	0	1
Horticulture	PF	Canopy Management in Mango and Guava	1	Online	12	1	13	1	0	1
Home Science	PF	Summer Mushroom Cultivation	1	Online	13	5	18	2	1	3
Horticulture	PF	Importance of nutrients for fruit crop cultivation	1	Online	4	1	5	0	0	0
Crop Production	PF	धान का बीजस्थली प्रबंधन एवं रोपाई तकनीक	1	Online	0	0	0			0
Crop Production	PF	Transplanting techniques of Paddy	1	Online	15	0	15	1	0	1

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
Home Science	PF	Mushroom production throughout the year for additional income and nutritional security	1	Online	15	4	19	4	2	6
Crop Production	PF	Scientist - Farmers interaction programme	1	ON	50	0	50	6	0	6
Animal Science	PF	Scientist - Farmers interaction programme	1	ON	50	0	50	6	0	6
Horticulture	PF	Scientist - Farmers interaction programme	1	ON	50	0	50	6	0	6
Horticulture	PF	Nursery management of fruit and vegetables	1	Online	10	2	12	1	1	2
Animal Science	PF	Worm infestation: Prevention & cure	1	Online	10	0	10	3	0	3
Plant Pathology	PF	Insect Pest Management in Brinjal & Tomato	1	Online	12	0	12	3	0	3
Plant Pathology	PF	Kisan Gosthi on Fodder Production	1	OFF	30	10	40	5	2	7
Plant Pathology	PF	Kisan Gosthi on Fodder Production	1	OFF	67	43	110	8	3	11
Animal Science	PF	Fodder Production	1	OFF	67	43	110	8	3	11
Horticulture	PF	Techniques and importance of high-density plantation.	1	Online	5	0	5	1	0	1
Agricultural Engineering	PF	Laser leveler - A useful tool for resource conservation	1	Online	16	1	17	2	0	2
Animal Science	PF	Thanaila disease in dairy animals and its management	1	Online	7	0	7	1	0	1
Plant Pathology	PF	IPM in Paddy	1	Online	14	0	14	2	0	2
Crop Production	PF	Weed Management in Paddy crop	1	Online	8	3	11	0	0	0
Crop Production	PF	Water management in paddy crop	1	Online	9	1	10	0	0	0
Home Science	RY	Awareness about daily requirement of Nutrients	1	OFF	0	21	21	0	0	0
Home Science	PF	Scientific cultivation of Button Mushroom	1	Online	17	4	21	3	1	4
Animal Science	PF	Proper care of calf and lambs	1	Online	11	0	11	1	0	1
Home Science	RY	House hold food security by Kitchen gardening	1	OFF	0	21	21	0	5	5
Crop Production	PF	Cultivation of Soybean	1	OFF	30	0	30	4	0	4
Plant Pathology	PF	IPM & IDM in Soybean	1	OFF	20	0	20	2	0	2
Home Science	PF	Awareness about daily requirement of nutrients	1	OFF	5	8	13	0	0	0
Horticulture	PF	Cultivation practices of Rabi season's vegetable	1	OFF	23	7	30	8	2	10
Plant Pathology	PF	IPM & IDM in Rice	1	ON	21	4	25	1	0	1
Home Science	PF	Value addition in Ragi by the preparation of Ragi laddu	1	OFF	0	21	21	0	13	13
Animal Science	PF	Vaccination and deworming in dairy animals	1	OFF	1	15	16	0	6	6
Horticulture	PF	Cultivation and nutrient management of leafy vegetables.	1	OFF	23	2	25	5	0	5
Crop Production	PF	Water & weed management of paddy	1	OFF	16	0	16	4	0	4
Horticulture	PF	Technique for nursery management raising for Rabi season's veg.	1	OFF	21	2	23	3	0	3
Plant Pathology	RY	Bee keeping	7	ON	7	23	30	1	10	11

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
Home Science	PF	Care of new born baby	1	OFF	0	25	25	0	0	0
Home Science	PF	Preparation of wheat/ragi based food.	1	OFF	14	16	30	3	4	7
Crop Production	PF	Nitrogen Management in Paddy crop	1	OFF	9	3	12	0	0	0
Animal Science	PF	Techniques of productivity enhancement in dairy animal	1	OFF	14	4	18	0	0	0
Home Science	PF	House hold food security by kitchen gardening.	1	OFF	0	28	28	0	20	20
Home Science	PF	Value addition in food grain by making multigrain aata	1	OFF	0	17	17	0	3	3
Home Science	PF	Child care and their development	1	OFF	0	17	17	0	9	9
Crop Production	PF	DBT in fertilizers	1	OFF	30	0	30	2	0	2
Home Science	PF	Low-cost nutrient recipes for pre-school going children	1	OFF	0	18	18	0	0	0
Crop Production	PF	ZT technique in cultivation of wheat	1	OFF	20	0	20	2	0	2
Plant Pathology	PF	IDM in pulse crops	1	ON	18	3	21	0	0	0
Home Science	PF	Nutritional requirement of pregnant and lactating women	1	OFF	0	25	25	0	20	20
Home Science	RY	House hold food security by kitchen gardening.	1	OFF	0	15	15	0	9	9
Home Science	RY	Value addition in food grain by making wheat dalia	1	OFF	0	22	22	0	9	9
Animal Science	PF	Dairy co-operative societies and its role in rural economy	1	OFF	0	22	22	0	14	14
Plant Pathology	PF	IPM in pulse crops.	1	OFF	24	0	24	0	0	0
Home Science	PF	Minimization of nutrient loss in processing	1	OFF	0	19	19	0	11	11
Home Science	PF	Preservation of seasonal fruits and vegetables	2	ON	0	24	24	0	4	4
Plant Pathology	EF	IPM & IDM in Rabi crops	1	OFF	68	7	75	8	2	10
Horticulture	EF	Management of horticultural crops	1	OFF	68	7	75	8	2	10
Animal Science	RY	Feed management in goat for high efficacy	1	OFF	0	22	22	0	4	4
Animal Science	PF	Management of calves in winter season	1	OFF	3	17	20	0	5	5
Plant Pathology	PF	IPM & IDM in Rabi crops	1	OFF	125	23	148	15	2	17
Plant Pathology	PF	IPM & IDM in Rabi crops	1	OFF	145	21	166	25	3	28
Crop Production	PF	Cultivation of Rabi Wheat & pulses	1	OFF	47	0	47	9	0	9
Horticulture	PF	Crop management of Rabi vegetables	1	OFF	20	2	22	5	0	5
Crop Production	PF	Cultivation of Rabi Wheat & pulses	1	OFF	58	0	58	13	0	13
Plant Pathology	PF	IPM & IDM in Rabi crops	1	OFF	145	20	165	20	5	25
Horticulture	PF	HDP in Guava and Mango	1	OFF	18	3	21	2	0	2
Animal Science	PF	Management of calves/kids in winter	1	OFF	0	22	22	0	5	5
Animal Science	RY	Introduction to quality animal products	1	OFF	0	16	16	0	2	2

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
Home Science	RY	Income generation by pickles preparation	1	OFF	0	23	23	0	10	10
Horticulture	PF	Cultivation of fruits and vegetable crops	1	ON	22	1	23	2	1	3
Home Science	RY	Embroidery on cloth and stitching	4	ON	0	31	31	0	16	16
Animal Science	PF	Backyard poultry farming	3	ON	7	29	36	0	8	8
Crop Production	PF	Cultivation of Rabi wheat & pulses by ZT technique	1	OFF	57	0	57	7	0	7
Crop Production	PF	Cultivation of Rabi wheat & pulses by ZT technique	1	OFF	59	0	59	7	0	7
Plant Pathology	PF	IPM in wheat	1	OFF	51	2	53	14	0	14
Plant Pathology	PF	Management of disease and insect in lentil	1	OFF	52	0	52	0	0	0
Crop Production	PF	Cultivation of Rabi wheat & pulses by ZT technique	1	OFF	58	0	58	4	0	4
Crop Production	PF	Cultivation of Rabi wheat & pulses by ZT technique	1	OFF	61	0	61	5	0	5
Horticulture	PF	Management of vegetable crops	1	OFF	24	0	24	3	0	3
Animal Science	PF	Animal feed management	3	ON	20	0	20	3	0	3
Home Science	PF	How to prepare Nutritional Garden for good health.	1	OFF	0	16	16	0	7	7
Home Science	PF	How to prepare Nutritional Garden for good health.	1	OFF	0	15	15	0	6	6
Plant Pathology	PF	Management of insect pest in chickpea	1	ON	20	0	20	0	0	0
Home Science	EF	कम लागत मे पोषक कुशल आहार योजना किस प्रकार करें	2	ON	0	27	27	0	2	2
Animal Science	RY	Scientific dairy farming	3	ON	28	5	33	3	1	4
Horticulture	EF	Cultivation of off season vegetables and flowers	2	ON	0	28	28	0	5	5
Plant Pathology	PF	IDM in Chickpea	1	ON	22	0	22	1	0	1
Plant Pathology	PF	IPM & IDM in Mustard	1	ON	20	0	20	3	0	3
Crop Production	PF	ZT in Wheat	1	OFF	15	0	15	1	0	1
Crop Production	PF	ZT in Wheat	1	OFF	12	0	12	2	0	2
Animal Science	PF	Awareness to backyard poultry farming	2	ON	0	35	35	0	35	35
Horticulture	RY	Training and pruning of orchard	2	ON	5	30	35	5	30	35
Plant Pathology	PF	IPM & IDM in Brinjal and tomato	1	OFF	19	0	19	3	0	3
Home Science	PF	How to prepare Nutritional Garden for good health.	2	ON	4	33	37	4	33	37
Horticulture	EF	Nursery management and income generation	2	ON	0	22	22	0	4	4
Animal Science	PF	Goat production in rural areas	3	ON	10	29	39	3	12	15
Horticulture	PF	Importance of nutrients for vegetables cultivation	1	OFF	25	0	25	5	0	5
Crop Production	PF	ZT in Gram	1	OFF	19	0	19	3	0	3
Home Science	PF	How to prepare Nutritional Garden for good health.	1	OFF	0	17	17	0	0	0
Plant Pathology	RY	Bee keeping	5	ON	14	1	15	14	1	15
Home Science	PF	Awareness about nutri cereals, millets, ragi maize	1	OFF	0	17	17	0	0	0
Horticulture	PF	Techniques of TPS	1	OFF	25	0	25	5	0	5
Home Science	RY	Mushroom production	2	ON	22	8	30	22	8	30
Home Science	PF	Oyster mushroom production	1	OFF	56	0	56	0	0	0

Annexure – II (Participation in Sponsored Training Programmes)

Sl.	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsoring Agency
					PF/RY/EF		Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.	Climate Resilient Agriculture	ICM	Feb-21	1	PF	1	26	4	0	18	0	0	44	4	0	48	ATMA Arwal
2.	Jal Jeewan Hariyali and CRA	ICM	Feb-21	1	PF	1	15	5	0	16	15	0	31	20	0	51	ATMA Arwal
3.	Climate Resilient Agriculture	CRA	Feb-21	1	PF	1	30	20	0	5	5	0	35	25	0	60	ATMA Arwal
4.	Climate Resilient Agriculture	CRA	Feb-21	1	PF	1	40	25	0	6	6	0	46	31	0	77	ATMA Arwal
5.	Climate Resilient Agriculture	ICM	Feb-21	1	PF	1	25	0	0	6	0	0	31	0	0	31	ATMA Arwal
6.	Climate Resilient Agriculture	ICM	Feb-21	1	PF	1	40	6	0	2	2	0	42	8	0	50	ATMA Arwal
7.	Climate Resilient Agriculture	ICM	Feb-21	1	PF	1	20	8	0	4	3	0	24	11	0	35	ATMA Arwal
8.	Kisan Mela cum Exhibition	ICM	Mar-21	2	PF	2	100	45	0	15	15	0	115	60	0	175	ATMA Arwal
9.	Climate Resilient Agriculture	ICM	Mar-21	1	PF	1	98	2	0	0	0	0	98	2	0	100	ATMA Arwal
10.	Climate Resilient Agriculture	ICM	Mar-21	1	PF	1	94	3	0	0	3	0	94	6	0	100	ATMA Arwal
11.	Climate Resilient Agriculture	ICM	Mar-21	1	PF	1	96	2	0	0	2	0	96	4	0	100	ATMA Arwal
12.	Climate Resilient Agriculture	ICM	Mar-21	1	PF	1	91	3	0	0	6	0	91	9	0	100	ATMA Arwal
13.	Climate Resilient Agriculture	ICM	Mar-21	1	PF	1	93	4	0	0	3	0	93	7	0	100	ATMA Arwal
14.	Scientist - Farmers interaction programme	ICM	Jul-21	1	PF	3	44	6	0	0	0	0	44	6	0	50	ATMA Arwal
15.	Scientist - Farmers interaction programme	Dairy Management	Jul-21	1	PF	3	44	6	0	0	0	0	44	6	0	50	ATMA Arwal
16.	Scientist - Farmers interaction programme	Cultivation of Fruits	Jul-21	1	PF	3	44	6	0	0	0	0	44	6	0	50	ATMA Arwal
17.	Kisan Gosthi on Fodder Production	Kisan Gosthi	Aug-21	1	PF	1	25	5	0	8	2	0	33	7	0	40	COMFED, Arwal
18.	Kisan Gosthi on Fodder Production	Kisan Gosthi	Aug-21	1	PF	1	59	8	0	40	3	0	99	11	0	110	COMFED, Arwal

Sl.	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants									Sponsoring Agency
					PF/RY/EF		Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total
19.	Fodder Production	Feed Management	Aug-21	1	PF	1	59	8	0	40	3	0	99	11	0	110	COMFED, Arwal
20.	Cultivation of Soybean	ICM	Sep-21	1	PF	1	26	4	0	0	0	0	26	4	0	30	ATMA Arwal
21.	IPM & IDM in Soybean	IPM & IDM	Sep-21	1	PF	2	18	2	0	0	0	0	18	2	0	20	ATMA Arwal
22.	DBT in fertilizers	DBT	Oct-21	1	PF	1	28	2	0	0	0	0	28	2	0	30	R.C.F. Ltd.
23.	IPM & IDM in Rabi crops	IPM	Oct-21	1	EF	1	60	8	0	5	2	0	65	10	0	75	DAO Arwal
24.	Management of horticultural crops	ICM	Oct-21	1	EF	1	60	8	0	5	2	0	65	10	0	75	DAO Arwal
25.	IPM & IDM in Rabi crops	IPM & IDM	Oct-21	1	PF	2	110	15	0	21	2	0	131	17	0	148	ATMA Arwal
26.	IPM & IDM in Rabi crops	IPM & IDM	Oct-21	1	PF	2	120	25	0	18	3	0	138	28	0	166	ATMA Arwal
27.	Cultivation of Rabi Wheat & pulses	ICM	Oct-21	1	PF	1	38	9	0	0	0	0	38	9	0	47	ATMA Arwal
28.	Cultivation of Rabi Wheat & pulses	ICM	Oct-21	1	PF	1	45	13	0	0	0	0	45	13	0	58	ATMA Arwal
29.	IPM & IDM in Rabi crops	IPM & IDM	Oct-21	1	PF	2	125	20	0	15	5	0	140	25	0	165	ATMA Arwal
30.	Mushroom production	Mushroom Production	Dec-21	2	RY	1	0	22	0	0	8	0	0	30	0	30	DHO, Arwal

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