

KRISHI VIGYAN KENDRA SARAN

**DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL
UNIVERSITY, PUSA**



ANNUAL REPORT

2021

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

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
KVK Saran, Bihar	9198985483 (M)		head.kvk.manjhi@rpcau.ac.in Website: www.saran.kvk4.in

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

Address	Telephone		E mail
	Office	FAX	
Dr. Rajendra Prasad Central Agricultural University Pusa, Bihar	06274240226 (VC Cell) 06274240251 (DEE)		dee@rpcau.ac.in vc@rpcau.ac.in psvc@rpcau.ac.in nodalkvk@rpcau.ac.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Abhay Kumar Singh		9198985483	head.kvk.manjhi@rpcau.ac.in , kvksaran@yahoo.co.in , kvksaran@gmail.com

1.4. Year of sanction of KVK: F No-18-23/96-AE I 24.03.2006

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. Abhay Kumar Singh	Senior Scientist and Head	Animal Science	135300	16.07.2019	Permanent	Others
2	Subject Matter Specialist	Dr. Surendra Prasad	S.M.S.	Entomology	89800	19.06.2009	Permanent	Others
3	Subject Matter Specialist	Mr. Pankaj Kumar	S.M.S.	Fisheries	59500	09.10.2018	Permanent	SC
4	Subject Matter Specialist	Dr. Saurabh Shankar Patel	S.M.S.	Post-Harvest Technology	59500	12.10.2018	Permanent	Other
5	Subject Matter Specialist	Dr. Jitendra Chandra Chandola	S.M.S.	Horticulture (Pomology)	59500	13.12.2018	Permanent	Other
6	Subject Matter Specialist	Miss.Tanuja Jukariya	S.M.S.	Home Science	59500	28.12.2018	Permanent	Other
7	Subject Matter Specialist	Dr. Kanaihiya Lal Regar	S.M.S.	Soil Science	59500	23.04.2019	Permanent	SC
8	Programme Assistant	Dr. Vijay Kumar	Programme Assistant	Soil Science	38700	28.11.2017	Permanent	OBC
9	Computer Programmer	-	-	-	-	-	Vacant	-
10	Farm Manager	Mr. Rajesh Kumar	Farm manager	B. Sc (Ag)	38700	22.12.2017	Permanent	OBC
11	Accountant / Superintendent	Mr. Amit Anand	Assistant	Chemistry Honors	38700	20.10.2017	Permanent	Others
12	Stenographer	Mr. Mirtunjay Kumar	Stenographer	Graduate (Physics)	26300	22.02.2018	Permanent	Other (Deputed to VC-Cell Pusa)
13	Driver	Mr. Deepak Kumar	Tractor Driver	Graduate (History)	21700	27.02.2021	Permanent	GEN
14	Driver	Mr Umashakar Kumar	Jeep Driver	Graduate (History)	21700	27.02.2021	Permanent	OBC
15	Supporting staff	Mr. Ravi Ranjan Kumar	Skill Supporting Staff	Graduate	18000	01.03.2021	Permanent	GEN
16	Supporting staff	Mr. Rakesh Kumar	Skill Supporting Staff	12 th	18000	16.03.2021	Permanent	GEN

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	2
2.	Under Demonstration Units	2
3.	Under Crops	11.9
4.	Orchard/Agro-forestry	4
5.	Others with details	0
	Total	19.90

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					Y	423.25	Y	ICAR
2.	Farmers Hostel					Y	305	Y	ICAR
3.	Staff Quarters (6)					Y	71.12 (PC and FM) 120.32 (Technical-2 unit) 78 (Supporting-2 unit)	Y	ICAR
4.	Piggery unit	N							
5	Fencing					Y		Y	ICAR
6	Rain Water harvesting structure	N							
7	Threshing floor					Y	130	Y	ICAR
8	Farm godown					Y	78	Y	ICAR
9.	Dairy unit	N							
10.	Poultry unit	N							
11.	Goatary unit	N							
12.	Mushroom Lab					Y		Y	ICAR
13.	Mushroom production unit					Y	30m X 20M	Y	ICAR
14.	Shade house								
15.	Soil test Lab	N							
16	Seed Hub godown					Y		Y	ICAR
17.	Poly house	Y					200	Y	Bihar govt.
18.	Greenhouse shed net	Y					200	Y	Bihar Govt.
19.	Solar tree with submersible pump						2 nos.	Y	DRPCA U
20.	Azolla unit							Y	
21.	Vermi-compost unit						28	Y	

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Jeep Bolero	27.06.2006 Transferred to KVK Saran on 15.06.2007 from KVK Bhagalpur	450000.00	194422	Needs replacement Not in working condition
Tractor (2 Nos.)	(1) 05.12.2006 (2) 16.02.2019 (3) 29.07.2021	(1) 475833 (2) 612036 (3) 612425	(1) 4137 (2) 798 (3) 294	(1) Needs Repairing (2) Newly Purchased (3) Newly purchased
Motorcycle (2 Nos)	August 2016	120000.00	(1) 25980 (2) 42126	Good

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Computer CPU, Monitor, LaserJet 1020 printer, Business jet 1000 printer and scan jet	2007-08	54963	Good	ICAR
AC (2 Nos.)	2019-20	77514.00	Good	ICAR
b. Farm machinery				
Pump set (7.5 HP) with all the accessories	2007-08	35285	Good	ICAR
Zero Tillage Machine	2007-08	Supplied by RCT Project of RAU	Needs Repairing	ICAR
Furrow Irrigated Raised Bed Planter	2007-08		Good	ICAR
Knapsack sprayer	2007-08	1190	Good	ICAR
Gatore sprayer	2007-08	3250	Good	ICAR
Pump set (5HP) with all accessories)	2008-09	25000	Needs Repairing	ICAR
Generator	2008-09	31540	Good	ICAR
Thresher	2008-09	99320	Fully need repairing	ICAR
Reaper+Bund Maker	2008-09	85840	Good	ICAR
Sugarcane Cutter Planter	2008-09	99320	Need repairing	ICAR
Rotavator	2008-09	95160	Need repairing	ICAR
Reaper	2008-09	75400	Need repairing	ICAR
Bund Maker	2008-09	10140	Good	ICAR
Bucket leveler	2012-13		Good	ICAR
Zero tillage Machine	Supplied by Government of Bihar			
Paddy Transplanter	Supplied by Government of Bihar			
Mobile Seed Processing Plant	Supplied by Government of Bihar			
Rotary Plough	2012-13			
Multi crop Thresher	2012-13			
Mobile Seed Processing Plant (Seed Hub)	2017-18	1500000	Good	ICAR
Tractor	2019-2020	612036	Good	ICAR
c. AV Aids				

Computer CPU, Monitor, printer	2010-11		Good	ICAR
Digital Camera	2008-09	24880	Good	ICAR
Panasonic Tough book	2018-19	21500	Good	Dr. RPCAU Pusa
HP Copier	2019-20	65400	Good	ICAR
HP Color Printer	2019-20	21998	Good	ICAR
Projector	2019-20	76140	Good	ICAR
Inverter	2020-21	10,000	Good	ICAR
Battery	2020-21	15,000	Good	ICAR
Battery	2020-21	14,995	Good	ICAR
Crompton Fan	2020-21	14,320	Good	ICAR
Acer Desktop	2020-21	1,19,000	Good	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Zero-till-ferti-seed drill-1	2011-12		Need repairing	ICAR
Conno-weeder and Marker 10 each	2011-12		Good	ICAR
Bund Maker-2	2011-12		Good	ICAR
Furrow Irrigated Raised Bed Planter-1	2011-12		Need repairing	ICAR
Furrow Irrigated Raised Bed Planter-1	2011-12		Need repairing	ICAR
Power sprayer -6	2011-12		Good	ICAR
Rotavator-1	2011-12		Good	ICAR
Leveler-2	2011-12		Good	ICAR
Self-propelled Reaper-1	2012-13		Need repairing	ICAR
Cultivator-1	2012-13		Good	ICAR
Disc Harrow	2012-13		Good	ICAR
Zero-till-ferti-seed drill-1	2012-13		Need repairing	ICAR
Balance	2010-13		Good	ICAR
Power weeder	2019-20	21280	Good	ICAR
One-wheel garden trolley	2019-20	10,000	Good	ICAR
Brush cutter	2019-20	19,723	Good	ICAR
Cultivator	2020-21	27,776	Good	ICAR
Zero till seed cum fertilizer drill	2020-21	43,120	Good	ICAR
Mini daal mill	2020-21	90,000	Good	ICAR
Rotavator	2020-21	1,14,918	Good	ICAR
Multitop thresher	2020-21	1,28,800	Good	ICAR
Reversible MB plough	2020-21	1,14,240	Good	ICAR
Potato planter	2020-21	97,500	Good	ICAR
Power weeder	2020-21	47,600	Good	ICAR
Multicrop planter	2020-21	99,799	Good	ICAR
Self-propelled reaper cum binder	2020-21	5,20,000	Good	ICAR
Potato digger	2020-21	1,17,500	Good	ICAR
Self-propelled rice transplanter	2020-21	2,22,800	Good	ICAR
Tractor operated laser land leveler	2021-22		Good	ICAR
Drip Irrigation system (in farmers field)	2021-22	68,683		
Solar mounted boat	2021-22	842502	Good	ICAR
Tractor operated reaper cum binder	2021-22	342000	Good	ICAR
Hydraulic tractor trailer	2021-22	143400	Good	ICAR
Happy seeder	2021-22	143000	Good	ICAR
Tractor operated boom type sprayer	2021-22	-	Good	ICAR
Tractor drawn leveler	2021-22	-	Good	ICAR
Power tiller with common attachment	2021-22	-	Good	ICAR
Disc plough	2021-22	-	Good	ICAR

Rice-wheat seeder (10 set)	2021-22	-	Good	ICAR
Zero-till seed cum fertilizer	2021-22	72000	Good	ICAR
Happy seeder 10 tynes	2021-22	140000	Good	ICAR

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	01-03-2021	31	Dr. Vishal Nath, Director, NRC Litchi (ICAR Nominee) suggested to establish mother plant nursery of major commercial varieties of Mango, Litchi, Jamun, Gauva, etc. at KVK in 1 ha area for demonstration purpose and also requested to put it in next year's action plan.	Development of mother block of Litchi cv. Shahi and China (84nos.) & Gauva cv. Allahabad Safeda, Lalit, sweta and L-49 (70 nos.)	
			Dr. Vishal Nath, Director, NRC Litchi (ICAR Nominee) suggested to revise the OFT topic on Horticulture discipline of KVK Saran	Finalization of OFT on horticulture discipline has been arranged centrally for all the KVK's of DRPCAUI organized by the Directorate of Extension Education at Sanchar Bhavan, Pusa on 25.03.2021 under the chairmanship of Dr. Vishal Nath, Ex-Director, NRC, Litchi. The revised topic of OFT for Saran : 1. Effect of girdling on flowering and fruiting behavior of Litchi in saran district. 2. Effect of Paclobutrazole on flowering and yield characteristics of Mango in saran district	
			The Chairman, SAC, suggested to review the concentration level of chemicals used in OFT on "Aurgulosis control" under fisheries science discipline.	As per the suggestion, the concentration of cypermethrin high-cis 10% w/v with a dose rate @ 100ml/acre/m as prophylactic measures to control Aurgulosis	
			Dr. Vishal Nath, Director, NRC Litchi, suggested to select 50 farmers and trained them from NRC Litchi, KVK and from other resource persons regarding Spices production.	Training program could not be conducted owing to COVID-19 restrictions, however our SMS (Horti) is in touch with scientist concerned at NRC Litchi for completion of training program at the earliest.	

			PD-ATMA, Saran agreed to provide the financial support for training of farmers at NRC, Litchi, Muzaffarpur	Financial support will be taken from PD-ATMA, Saran once the programme finalized	
			DPM Jeevika, saran suggested to impart training to jeevika didi's	The training could not be conducted due to COVID-19 protocols. However, trainees from Jeevika will be definitely be included in different thematic areas in upcoming months.	
			AGM NABARD, Saran requested that KVK should work on value addition of Tomato under "one district one product programme". Further, he requested for the cost of IFS model and also the cost of contingent crop planning model should be studied at field level.	The training programme on value addition on tomato has been conducted by the SMS (PHT) covering 32 female beneficiaries. Presently, KVK team is providing expertise on development of 02 nos. of IFS Models and the workout on cost expenditure is still be to be studied.	
			Smt. Baby Singh, SAC Member requested to incorporate more women in KVK mandated activities under family resource management/Home Science	➤ Under Training programme: 67 Nos. of women got benefitted in training programmes on different thematic areas of agri and allied discipline. (Nutritious Kitchen garden, Gardner, stitching etc.) ➤ FLDS: FLDS on Nutritious Kitchen garden were conducted in 05 different locations involving women participants.	
			Dr. P. C. Himanshu, representative of DAHO, Saran suggested to impart training programmes on goatry and poultry farming. Further he has suggested that training on food & feeding of animals should be started at KVK.	A total of 02Nos. (Physical mode) and 04Nos. (Virtual mode) training programme has been conducted on different thematic areas of livestock and poultry with special emphasis on their feeding management.	
			Asst. Director, Agri. Engineering Saran requested to demonstrate farm implements during the training programme organized for Practicing farmers at KVK	Demonstration of different farm implements (Zero-tillage, boom sprayer, potato planter, etc.) shown to farmers at KVK. However, more number of farm implements hands-on training programme has	

				been planned involving more number of farming community in upcoming season.	
			Dr. Pushpa Singh, Deputy Director of Directorate of Extension Education, Pusa suggested to present Data of OFT's should be incorporated in tables FLD should be conducted on different proven varieties for its wide scale adoption. Presentation of IFS model should be for an area mentioned and all the unit under IFS model should directly or indirectly inter-related for optimum utilization of resources	- As per the suggestions, all the OFT's data has been depicted in table form. - FLD's has been conducted in proven technologies under agri and allied discipline - Pond-based IFS model with horticultural crops and livestock component has been presented in an area 0.4 ha at KVK farm.	
			Chairman, SAC, suggested that research on OFT's should be translated into good quality paper/publication	Two research papers from OFT (on Mustard and fisheries) has been published in journal having NAAS rate of 5.23 and 4.82, respectively. More number of research paper from OFT's will be submitted for publication in reputed journal by the KVK team.	
			Chairman, SAC, directed to study the impact analysis of trained farmers under GKRA training programmes.	Jaya singh is earning about 4.5 lakh per annum from oyster and button mushroom cultivation and value addition. She is planning to setup AC plant for mushroom.	
			KVK Saran should develop pond based IFS with other major components like Animal, Fisheries, Horticulture etc. for effective demonstration to farming clientele during exposure visit at KVK.	Pond-based IFS model with horticultural crops and livestock component has been developed in an area 0.4 ha at KVK farm.	

S.No.	Date	No of Participants	Salient Recommendations	Action taken	If not conducted, state reason
2	15-09-2021	27	Document on Impact study of some of the Farmers trained under different skill based training programme including GKRA, ASCI etc. needs to be prepared		
			Priority should always be given to the farmers of Saran district for induction in different training programmes organized by KVK Saran from time to time		

			OFT action taken which was not done by Dr. J.C. Chandola, SMS Horticulture in the previous year needs to be completed with all the observations at the earliest in upcoming season		
			The Committee highlighted the importance of adulteration in food products and suggested to plan for conducting FLD on detection of Formalin in freshwater fish		
			Conduct more numbers of Field days on proven technologies under Agri And Allied discipline in-order to showcase the technologies at farmer's field. However, Zero tillage technology should be made aware practically through hands on training programmes by SMS Ag. Engg. for wide scale adoption in different villages of Saran.		
			Prepare Training Calendar of KVK and the same should be shared to line Departments, Jeevika and NABARD for the upcoming period of 2022-23		
			Promotion of green manuring technology through training and demonstration for the improvement soil health having high pH soil affected villages of Saran district		
			Promotion of Nutri-cereals of traditional importance of Saran district through training and demonstration in different villages of Saran district		
			Prior intimation of Training schedule on different thematic areas of agri and other discipline so that the different schemes of line departments of Bihar Govt. can be made available to the beneficiaries attending the program		

			Training programme on different thematic areas of Fisheries needs to be organized for the pond owners under Jal Jeevan Hariyali Programme. Small tools mechanization of agriculture should be demonstrated on regular basis and Paddy trans-planter should be popularizing through KVK, which will be financially supported by Department of Agriculture Engineering, District Agriculture office Saran.		
			Soil testing demonstration, INM training needs to be planned together for effective implementation at field levels		
			Training programmes on different thematic areas of Agri and Allied discipline / farmer-scientist interaction programmes can be planned at KVK Saran by the Scientist for which financial support may be obtained from ATMA Saran if the proposal submitted to the office well in advance		
			Training programme on Biofloc fish culture practices and on Integrated farming system can be planned by the Fisheries Scientist of KVK Saran for improving the skill and Knowledge to the clientele		
			Provision of rewarding to the clientele performing well in their respective fields of Agri and allied discipline needs to be practiced by KVK		
			Vertical farming needs to be propagated among farmers through training programme for expansion of this technology in urban and Peri-urban areas of Saran District		
			Project on Integrated farming system and other proven technologies from KVK under		

			Farmers sector promotion fund needs to be submitted to DDM, NABARD, Saran		
			Training on Bee keeping management and Fisheries discipline for Jeevika and other farming clientele of Saran district to be conducted		

** 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 .	Item	Information		
1	Major Farming system/enterprise	Crop Production is the major Farming System of Saran district with majority of farms having Rice-Wheat cropping system followed by Rice-Maize + Potato, Rice-Maize, Rice-Rapseed-Mustard and Red Gram as sole crop. Summer crops are generally not taken due to social problems of grazing by Blue bulls and also by untied pet animals wandering in search of green fodder. The district is specifically popular for cereals like wheat in the Rabi season (Covering an area of more than 54% of the total cultivable area.) and Paddy in the Kharif season (Covering about 36% of the total cultivable area). Maize occupies the third position after wheat and rice and is more or less equally important in both Kharif and Rabi (about 18% of the total cultivated area in Rabi and about 16% of the total cultivated area in Kharif). Pulses occupy about 4 % of the total cultivated area in Rabi and about 6 % the total cultivated area in the Kharif season, Red Gram being the most popular pulse crop. Likewise, the oilseeds occupy only 4 % of the total cultivated area in Rabi and only 0.2% in the kharif season. Animal Husbandry is coming up as new enterprises in the district followed by fishery and poultry. Since, the farmers has very small land holding, these enterprises are flourishing in a big way and our action plans are being devised from time to time keeping in view of these changes in cropping systems.		
		S. No	Farming system/enterprise	
		1.	Crop Production + Animal Husbandry	
		2.	Crop Production	
		3.	Animal Husbandry	
		4.	Crop Production +Fishery	
		5.	Crop Production +Poultry	
		6.	Crop Production +Vegetable Production	
		7.	Crop Production +Fruit Production	
		8.	Poultry	
2	Agro-climatic Zone	Saran district lies in the Middle-Gangatic Plain with subtropical climate characterized by hot summer, wet monsoon and dry winter. The average annual rainfall is 1140 mm. The Maximum temperature varies from 26 to 35⁰ C but during summer months the temperature may go up to 45⁰ C or even more with hot westerly winds from March to June. The Minimum temperature varies from 10 to 16⁰ C but occasionally it may go below 2-3⁰ C. The relative humidity at 7 A.M. varies from 50 to 75 % in summer months which goes up to 97 % or more during monsoon and winter.		
3	Agro ecological	Agro ecological situation		Characteristics
		AES I	Upland rain fed	Alluvial saline soils with Poor drainage and undulating

	situation			saline lands	topography, high pH soils (7.5 to 8.2) with white and fluffy outgrowths			
		AES II		Upland irrigated lands	Alluvial plain lands with Loamy silt soils under irrigated conditions subject to periodical inundation			
		AES III		Upland rain fed lands	Alluvial plain lands with Loamy silt soils subject to periodical inundation			
		AES IV		Irrigated medium lands	Alluvial plain lands with Loamy silt soils or silty loam soils			
		AES V		Low lands	Bowl shaped depressions having heavy clay soils, generally under water logged conditions where there is no source of drainage, Cracks develop when dry due to high sodium content, Deficiency of available Ca, N and Zn			
		AES VI		Diara lands	Light sandy soils with poor water holding capacity, Flooded during monsoons			
4	Soil type	S. No	Land situations	Soil type	Characteristics	Area (ha)	Percent (%) of the total	
		1.	Upland	Alluvial Saline soils	Poor drainage and undulating topography, high pH soils (7.5 to 8.2) with white and fluffy outgrowths, rain fed conditions	67538	33.88	
		2.	Upland	Alluvial soils	Alluvial plain lands with Loamy silt soils or silty loam soils rich in organic carbon and other nutrients under irrigated conditions			
		3.	Medium land	Alluvial soils	Alluvial plain lands with Loamy silt soils or silty loam soils	36630	18.37	
		4.	Low land	Heavy clay soils with sodicity	Cracks develop when dry due to high sodium content, Deficiency of available Ca, N and Zn	65571	32.95	
		5.	Diara land	Light sandy soils	Poor water holding capacity, Poor nutrient holding capacity Flooded during monsoons	29561	14.80	
		Total					199300	100.00
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Crops	Kharif		Rabi		Total	
			Producti on (q)	Productiv ity (q/ha)	Producti on (q)	Productivit y (q/ha)	Production (q)	Productivity (q/ha)
		Wheat	-	-	2171785	20.10	2171785	20.10
		Paddy	1243057	17.3	-	-	1243057	17.3
		Maize	491946	14	711900	22.6	576450	18.3
		Pulses	50512	7	145882.8	12.6	643044	9.8
		Oilseeds	2905	7	59171.2	8.2	113465	7.6
		Vegetabl es	777000	111	12645	2271042	70717	145.3
		Orchards and trees	38620.9	9.34	38620.9	9.34	3154	9.34
		Sugarcan e	-	-	54842	790	54842	790
		Potato	-	-	2854419	287	2854419	287
6	Mean yearly temperature, rainfall,	Month		Temperature ° C		Relative Humidity (%)		Rainfall (mm)
				Maximum	Minimum	Maximum	Minimum	
		January 2021		23.80	7.19	93.60	47.89	0.00

	humidity of the district	February 2021	26.51	11.78	84.78	31.91	0.00
		March 2021	35.96	18.37	65.30	20.71	0.00
		April 2021	39.65	22.61	52.55	12.99	0.00
		May 2021	35.09	25.23	80.98	53.29	269.75
		June 2021	35.36	27.66	87.35	48.41	544.75
		July 2021	34.05	27.86	88.83	68.00	194.25
		August 2021	32.90	26.96	90.61	79.24	54.50
		September 2021	32.73	26.36	91.67	72.74	24.50
		October 2021	33.05	22.05	92.09	55.30	251.00
		November 2021	31.17	15.00	91.36	30.91	0.00
		December 2021	26.78	10.80	98.20	98.70	6.70
7	Production of major livestock products like milk, egg, meat etc.	Live stock	Number		Live stock	Number	
		Plough Animals	158185		Goat	196187	
		Cattle	232800		Pigs	11602	
		Cross bred	23994		Crossbred	1003	
		Indigenous	208806		Hens	47592	
		Buffaloes	401625		Desi	38823	
		Sheep	10489		Improved	218686	
		Cross bred	2571		Ducks	2060	
		Indigenous	7918		Turkey and others	312471	

Note: Please give recent data only

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

Sl. No.	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Manjhi	Nandpur	Paddy, wheat, potato, mustard, Red gram, Animal Husbandry	Lack of information on high yielding varieties, Lack knowledge of Product Production Procedure	Productivity enhancement of cereals, pulses and oilseeds
2.	Dariyapur	Darihara	Paddy, wheat, maize, potato, mustard, Lentil, Gram	High dependence on chemical fertilizer and insecticides and pesticides	IPM and INM in cereals, pulses and oilseeds
3.	Manjhi	Sitalpur	Paddy, wheat maize, potato, mustard, Red gram	High cost of cultivation and low return, lack of knowledge for safe and easy method of insect pest management	Resource Conservation Technology for sowing of different crops, IPM in cereals, pulses and oilseeds
4.	Nagra	Affaur	Paddy, wheat maize, potato, Red gram, Vegetables	Lack of information on soil testing, Lack of knowledge and non-availability of bio-fertilizers and bio-pesticides, lack of suitable technology for drought condition	Natural Resource management and INM and Climate Resilient Technology
5.	Manjhi	Hansrajpur	Paddy, wheat maize, potato	Lack of information on soil testing, Lack of knowledge and non-availability of bio-fertilizers and bio-pesticides, Wastage of cow dung manures, Pressure on women due to labor deployment	Natural Resource management and INM, Organic Farming, Drudgery reduction in women

6.	Jalalpur	Majhawalia	Paddy, wheat maize, potato	Low productivity of paddy, low productivity and income from maize, Heavy infestation of weed in paddy and other crops	Productivity enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds
7.	Jalalpur	Ramnagar	Paddy, wheat maize, potato	Low productivity of paddy, low productivity and income from maize, Heavy infestation of weed in paddy and other crops	Productivity enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds
8.	Manjhi	Majhanpura	Paddy, wheat maize, potato	Low productivity of paddy, low productivity and income from maize, Heavy infestation of weed in paddy and other crops	Productivity enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds
9.	Manjhi	Dumri	Paddy, wheat maize, potato	Low productivity of paddy, low productivity and income from maize, Heavy infestation of weed in paddy and other crops	Productivity enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds
10.	Manjhi	Dharhara	Paddy, wheat maize, potato	Low productivity of paddy, low productivity and income from maize, Heavy infestation of weed in paddy and other crops	Productivity enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds
11.	Revilganj	SitabDiara	Paddy, wheat maize, potato, mustard, Red gram	High cost of cultivation and low return, lack of knowledge for safe and easy method of insect pest management	Resource Conservation Technology for sowing of different crops
12.	Ekma	Atarsan	Paddy, wheat, maize, potato, Red gram, Rape seed and Mustard	Low productivity of paddy, low productivity and income from maize, Heavy infestation of weed in paddy and other crops	Productivity enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds.
13.	Chapra Sadar	NewajiTola	Paddy, wheat, maize, potato, mustard, Lentil, Gram	High dependence on chemical fertilizer and insecticides and pesticides	IPM and INM in cereals, pulses and oilseeds
14.	Dighwara	Gopalpur	Paddy, wheat maize, potato, mustard, Red gram	High cost of cultivation and low return, lack of knowledge for safe and easy method of insect pest management	Resource Conservation Technology for sowing of different crops, Productivity enhancement of cereals, pulses and oilseeds, IWM in cereals, pulses and oilseeds.
15.	Chapra Sadar	Dumri/ Newaji Tola	Paddy, wheat, maize, potato, mustard, Lentil, Gram	High dependence on chemical fertilizer and insecticides and pesticides	IPM and INM in cereals, pulses and oilseeds
16.	Sonpur	Sahpur Diara, Pahleja	Vegetables	High cost of cultivation, high fertilizer application	IPM and INM in vegetables

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
Nandpur	Manjhi	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Darhara	Manjhi	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Darihara	Dariyapur	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Sitalpur	Manjhi	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Affaure	Nagra	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
SitabDiara	Revilganj	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Majhawalia	Jalalpur	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Ramnagar	Jalalpur	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Kopa-samhauta	Jalalpur	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Majhanpura	Manjhi	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Atarsan	Ekma	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Fulwaria	Garkha	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Gopalpur	Sonpur	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
NewajiTola	ChapraSadar	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Dumri	Manjhi	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Karah	Baniyapur	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan, PPV and FR, SMS, Soil Tests, Diagnostic Visits
Bareja	Manjhi	FLD, OFT, CFLD, Seed Production under Seed Hub, Training, Field Days, Awareness Programme on Digitalization, Vigilance, Swachhata Abhiyan,

		PPV and FR, SMS, Soil Tests, Diagnostic Visits
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2.1 Priority thrust areas

S. No	Thrust area
1.	Productivity enhancement of cereals, pulses and oilseeds.
2.	Enhancement of Area, Production and Productivity of Pulses and Oilseeds especially in the chaur lands and Diara lands.
3.	Productivity enhancement of maize in terms of quality and nutritive value.
4.	Promotion of Organic Farming and vermicomposting.
5.	Promotion of horticulture for making the rural youth self-employed.
6.	Women Empowerment for income generation activities
7.	Promotion of Climate Resilient Technology
8.	Creation of Job opportunities for landless labours through skill development

3. TECHNICAL ACHIEVEMENTS

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

OFT												FLD											
No. of technologies tested:												No. of technologies demonstrated:											
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers									
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
9	9	64	9	0	4	0	51	0	64	0	64	18	16	180	17	0	3	0	140	0	160	0	160

Training												Extension activities											
Number of Courses		Number of Participants										Number of activities		Number of participants									
Tar get	Achiev ement	Targe t	Achievement									Targ et	Achiev ement	Tar get	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
144	116	4000	247	46	34	13	1708	381	1989	440	2429	646	646	2000	190	35	25	15	1354	179	1569	229	1798

Impact of capacity building											Impact of Extension activities										
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T
4000	2429	3	0	0	0	11	4	14	4	18	2000	1798	5	3	0	0	16	1	21	4	25

Seed production (q)						Planting material (in Lakh)					
Target			Achievement			Target			Achievement		
400			388			0.30			0.225		

Livestock strains and fish fingerlings produced (in lakh)*						Soil, water, plant, manures samples tested (in lakh)					
Target			Achievement			Target			Achievement		
-			-			0.00162			0.00162		

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	2		2	7.87	6.23	-	-
Seminar/conference/symposia papers	-						
Books	-						
Bulletins	-						
News letter	2						
Popular Articles	-						
Book Chapter	-						
Extension Pamphlets/literature	-						
Technical reports	-						
Electronic Publication (CD/DVD etc)	-						
TOTAL	3						

3.1.1 Achievements on technologies assessed and refined

OFT 01: Soil Science

1	Title	Response of zinc application on yield and Zn uptake by rice
2	Problem diagnose	In zinc deficient area, zinc is a major constraint for getting optimum yield of rice. In view of zinc deficiency, it is necessary to encourage the farmers to use the zinc fertilizer.
3	Details of Technologies selected for assessment/refinement	Farmer's Practice (FP) : NPK (130:40:20 kg ha ⁻¹) Technology option I (TO- I) : RDF (N:P:K ::120:60:40 kg ha ⁻¹) + Zn @ 5.0 kg ha ⁻¹ (Zn Source: zinc sulphate) Technology option II (TO- II): RDF (N:P:K ::120:60:40 kg ha ⁻¹) + 0.5 % ZnSO ₄ as foliar spray at 25 DAT
4	Source of technology	Dr. RPCAU, Pusa, Samastipur & BAU, Ranchi, Jharkhand
5	Replication	7
6	Production System & Thematic area	Micronutrient deficiency in crops
7	Critical input	Seed, NPK fertilizer and zinc sulphate
8	Performance of Technology with performance indicator	1. Number of tiller m ⁻² 2. No. of panicles hill ⁻¹ 3. Yield (q ha ⁻¹) 4. Zn uptake

		5. pH, EC, OC, Available N, P, K and Zn 6. B: C ratio
9	Process of farmers participation and their reaction	1. Field visit 2. Face to face conversation.

Result:

Table 1: Influence of Technological options on yield and yield attributes of rice

Technological options	Number of tiller m ⁻²	No. of panicles hill ⁻¹	Grain Yield (q ha ⁻¹)
FP	354.00	12.60	35.5
TO- I	431.05	16.40	44.4
TO- II	404.10	14.52	41.3

Table 2: Influence of Technological options on soil available nutrients in rice

Technological options	pH	EC (dS m ⁻¹)	OC (%)	Avail. N (kg ha ⁻¹)	Avail. P (kg ha ⁻¹)	Avail. K (kg ha ⁻¹)	Avail. Zn (mg kg ⁻¹)
FP	8.40	0.35	0.37	215.5	12.9	135.8	0.49
TO- I	8.26	0.42	0.43	242.3	14.3	150.4	0.61
TO- II	8.37	0.41	0.41	233.1	14.1	147.9	0.53
Initial soil test value	8.42	0.33	0.36	213.0	12.4	130.1	0.47

Table 3: Influence of Technological options on economics of rice cultivation

Technological options	Cost of cultivation (Rs ha ⁻¹)	Gross return (Rs ha ⁻¹)	Net return (Rs ha ⁻¹)	B: C Ratio
FP	43370	73420	30050	1.69
TO- I	47170	91976	44806	1.94
TO- II	45680	85552	39872	1.87

Conclusion: Results indicated that application of Zn @ 5.0 kg ha⁻¹ along with RDF (N:P:K ::120:60:40 kg ha⁻¹) gave higher yield, yield attributes and also showed higher soil available nutrient status, net return and BC ratio over 0.5 % ZnSO₄ as foliar spray at 25 DAT along with RDF and Farmer's Practice (FP).



Fig. 1: View of different technology options under On Farm Trial (OFT)

OFT 02: Soil Science

Sl.No.	Particulars	Contents
1	Title	Effect of boron application on yield of mustard
2	Problem diagnose	Boron deficiency is one of the major constraints to crop production. Its deficiency has been realized as the second most important micronutrient constraint in crops after zinc.
3	Details of Technologies selected for assessment/refinement	
	Farmer's Practice (FP):	NPK (80:35: 0 kg ha ⁻¹)
	Technology option I (TO-I)	RDF (N:P:K:: 60:40:40 kg ha ⁻¹) + Boron @ 1.50 kg ha ⁻¹ (B Source: Borax)
	Technology option II (TO-II) :	RDF (N:P:K:: 60:40:40 kg ha ⁻¹) + Boron @ 1.0 kg ha ⁻¹ + 0.25 % Borax as foliar spray at 45 DAS
4	Source of technology	BHU, Varanasi & Directorate of Rapeseed - Mustard Research, Bharatpur
5	Replication	7
6	Production System & Thematic area	Micronutrient deficiency in crops
7	Critical input	Seed, NPK fertilizer and Borax
8	Performance of Technology with performance indicator	1. No. of siliquae plant ⁻¹ 2. Length of siliqua (cm) 3. Yield (q ha ⁻¹)

		4. pH, EC, OC, Available N, P, K and B 5. B: C ratio
9	Process of farmers participation and their reaction	1. Field visit 2. Face to face conversation

Results:

Table 1: Effect of boron application on yield and yield attributes of mustard

Technological options	No. of siliqua plant ⁻¹	Length of siliqua (cm)	Grain Yield (q ha ⁻¹)
FP	190.57	4.26	12.40
TO1	211.31	4.55	16.41
TO2	217.11	4.73	17.25

Table 2: Effect of boron application on soil available nutrients in mustard

Technological options	pH	EC (dS m ⁻¹)	OC (%)	Avail. N (kg ha ⁻¹)	Avail. P (kg ha ⁻¹)	Avail. K (kg ha ⁻¹)	Avail. B (mg kg ⁻¹)
FP	8.42	0.37	0.39	213.0	13.9	138.2	0.34
TO1	8.30	0.45	0.44	231.7	17.5	155.6	0.52
TO2	8.28	0.47	0.45	234.0	18.0	157.4	0.50
Initial soil test value	8.46	0.35	0.38	210.8	12.8	136.0	0.35

Table 3: Effect of boron application on economics of mustard cultivation

Technological options	Cost of cultivation (Rs ha ⁻¹)	Gross return (Rs ha ⁻¹)	Net return (Rs ha ⁻¹)	B: C Ratio
FP	34837.00	55792.58	20955.58	1.60
TO1	37344.00	73867.50	36523.50	1.98
TO2	37224.00	77636.25	40412.25	2.08

Conclusion: Results revealed that soil application of B @ 1.0 kg ha⁻¹ + 0.25 % Borax as foliar spray along with RDF (TO- II) showed higher yield attributes, yield, soil available nutrients, Net return and BC ratio over soil application of B @ 1.5 kg ha⁻¹ along with RDF (TO- I) and Farmer's Practice (FP).





OFT 03: Plant Protection

Sl.No.	Particulars	Contents
1	Title	Assessment of pod borer management of chickpea in Saran District (Bihar)
2	Problem diagnose	Chickpea is the most widely grown pulse crop of Saran district but the productivity of chickpea is quite low due to pod borer infestation. The infested fields are sprayed by huge amount of chemical pesticides. So, this pest has developed to high resistance. Ultimately pest population is high and crop yield very low.
3	Details of Technologies selected for assessment/refinement	Management of gram pod bore through IPM tools for increasing productivity
	Farmer's Practice (FP):	Spray of quinalphos @ 2 ml/l water at time of pod formation
	Technology option I (TO-I)	Two spray of Profenophos 50% EC @ 1.5 ml/liter of water, First at 50% of flower formation and second spray at 50% pod formation
	Technology option II (TO-II) :	Use of Pheromone trap @ 20/ha at flowering time and spray of spinosad 45 SC @ 0.3 ml/liter at time of 50% of pod formation
4	Source of technology	BHU, Varanasi
5	Replication	8
6	Production System & Thematic area	Enhancement in the productivity of pulses through IPM tools
7	Critical input	Profenophos 50% EC , Pheromone trap and spinosad 45 SC
8	Performance of Technology with performance indicator	No. of infected pod/plant/sq m , Per cent infestation, Total weight of grain/sq m, Total grain yield/ha, CC, GR, NR, B:C Ratio
9	Process of farmers participation and their reaction	Diagnostic field visit, one-to-one interaction, supply of reading materials, etc.

Observation:

Table: Incidence of *Helicoverpa armigera* on chickpea crop during rabi

Treatments	No. of infected pod/sq m	Pod infestation (%)	Weight of 1000 grain (g)	Yield (q/ha)
FP	183.50	9.38 (17.83)	108.46	8.95
TO1	72.87	3.33 (10.51)	109.75	10.53

TO2	47.12	2.01 (8.16)	110.83	12.82
SEm±	12.61	1.49	2.96	0.90
CD 5%	27.04	3.20	NS	1.92

Figures in parenthesis are the Arc sine $\sqrt{\text{percentage}}$

Table 2: Economic viability of different technology option in chickpea crop during *rabi*

Treatments	Gross return (₹/ha)	Cost of cultivation (₹/ha)	Net return (₹/ha)	Benefit Cost ratio
FP	37590	18859	18731	1.99
TO1	44226	21368	22858	2.07
TO2	53844	21546	32298	2.49

Note: The sale price of grain was considered as Rs. 4200 per quintal

OFT 04: Plant Protection

SL.No.	Particulars	Contents
1	Title	Assessment of inset-pest management of mango leaf hopper in Saran District (Bihar)
2	Problem diagnose	Mango fruit cultivation is a most popular fruit in Saran District of Bihar. But, last five years productivity is very low due to high infestation of mango leaf hopper during flowering time (February to April). Large number of nymphs and adult insects puncture and suck the sap of tender parts of flower. Heavy puncturing and continuous draining of the sap causes curling and drying of the infested part. Farmers are indiscriminate use of pesticides then pest has developed to high resistance. Ultimately, fruits production is very low.
3	Details of Technologies selected for assessment/refinement	Effective of new molecules chemical against mango leaf hopper.
	Farmer's Practice (FP):	Spray of dimethoate 30EC @ 1 ml/liter of water
	Technology option I (TO-I)	Two Spray of acephate 75% SP(1.5 g per liter of water) should be done, first at early stages of panicle formation and second spray should be carried out after fruit set
	Technology option II (TO-II) :	Two Spray of imidacloprid 17.8 SL (0.3 ml per liter of water) should be done at early stages of panicle formation and second spray should be carried out after fruit set.
4	Source of technology	ICAR, SAU
5	Replication	8
6	Production System & Thematic area	Enhancement in the productivity of fruit
7	Critical input	Imidacloprid 17.8 SL and acephate 75% SP
8	Performance of Technology with performance indicator	Pre-treatment and after treatment (population count), Total yield/plant, CC, GR, NR, B:C Ratio
9	Process of farmers participation and their reaction	Diagnostic field visit, one-to-one interaction, supply of reading materials, etc.

Observation:**Table: Incidence of mango leaf hopper pests in different technology conducted on mango crop during 2021**

Treatments	Pretreatment population (Average of 5 panicle/plant)	population (Average of 5 panicle/plant) after 3 days		Yield/plant (kg)
		1 st spray	2 nd spray	
Farmers practice : Spray of dimethoate 30EC @ 1 ml/liter of water	30.28 (5.55)	5.45 (2.44)	2.10 (1.61)	76.12
Technology option I: Two Spray of acephate 75% SP(1.5 g per liter of water) should be done, first at early stages of panicle formation and second spray should be carried out after fruit set	28.65 (5.40)	3.40 (1.97)	1.40 (1.38)	114.24
Technology option II: Two Spray of imidacloprid 17.8 SL (0.3 ml per liter of water) should be done at early stages of panicle formation and second spray should be carried out after fruit set	29.13 (5.44)	2.48 (1.72)	0.90 (1.18)	132.47
SEm±	3.07	0.72	0.25	15.30
CD at 5%	NS	1.52	0.53	32.82

Figures in parenthesis are $\sqrt{X + 0.5}$, Experiment conducted on 12 year old mango tree

Table : Economic viability of different technology conducted on mango crop during 2021

Treatments	Gross return (₹/tree)	Cost of cultivation(₹/tree)	Net return (₹/tree)	Benefit Cost ratio
Farmers practice : Spray of dimethoate 30EC @ 1 ml/liter of water	3044.70	950	2094.70	2.20
Technology option I: Two Spray of acephate 75% SP(1.5 g per liter of water) should be done, first at early stages of panicle formation and second spray should be carried out after fruit set	4569.55	1050	3519.55	3.35
Technology option II: Two Spray of imidacloprid 17.8 SL (0.3 ml per liter of water) should be done at early stages of panicle formation and second spray should be carried out after fruit set	5298.60	1080	4218.60	3.91

Not : The average sale price of fruit was considered as Rs. 40/kg

Results : The results revealed that the technology II consisting of two spray with imidacloprid 17.8 SL @ 0.3 ml/l of water first at panicle emergence and second spray when fruits set at pea size were found to be most effective in reducing the hopper population and highest yield was found in this technology.

OFT 05: Horticulture

Sl.No.	Particulars	Contents
1	Title	Effect of mulching and borax on fruit yield, quality and shelf life of litchi cv. Shahi (<i>Litchi chinensis</i> Sonn) in Saran district of Bihar.
2	Problem diagnose	Litchi is an important subtropical fruit crop in Saran district of Bihar after mango. Plants needs frequent irrigation during the fruiting period to ensure high yield and quality. But due to lack of soil moisture and deficiency of micro-nutrients, most of the litchi orchards produce poor quality fruits. Litchi fruits are poor in quality, insipid in taste due to less TSS and heavy fruit cracking due to low soil moisture and micronutrient deficiency fetches fewer prices in the market. Therefore, for profitable litchi cultivation, use of mulching and foliar spray of micronutrient in crop is beneficial. Therefore, it is required to use of mulching and foliar spray of micronutrient of plains in the climatic conditions of Saran district of Bihar.
3	Details of Technologies selected for assessment/refinement	
	Farmer's Practice (FP):	Mulching and borax are not used by farmers
	Technology option I (TO-I)	Black polyethylene sheet (100 micron)
	Technology option II (TO-II) :	Borax @ 0.2%, Spray Schedule: 15 days after fruit set and it will be repeated after 15 days.
4	Source of technology	NRC on litchi, Muzaffarpur
5	Replication	8
6	Production System & Thematic area	Fruit production, yield and quality improvement
7	Critical input	Borax, black polyethene sheet
8	Performance of Technology with performance indicator	Date of flowering, Days taken to flowering, fruit drop and cracking(%), Fruit yield(kg/plant), TSS (°B), acidity(%) and ascorbic acid(mg/100g), Shelf life (days), CC, GR, NR, B: C ratio
9	Process of farmers participation and their reaction	Diagnostic field visit, one-to one interaction with farmers

Results

Treatments/ Characters	Date of flowering	Fruit drop (%)	Fruit Cracking (%)	Fruit yield (kg/plant)	TSS (°B)	Acidity (%)	Ascorbic acid (mg/100g)	Shelf life (days)	B: C ratio
Farmers Practice	18 March	83.31	17.50	91.00	17.40	0.87	30.1	3	1:2.96
Technology Option-1	14 March	81.90	15.32	101.00	19.65	0.67	30.3	4	1:3.20
Technology Option-2	12 March	75.55	11.54	109.00	20.20	0.64	33.5	5	1:3.85

CD at 5%	NA	4.35	3.21	11.94	0.81	0.18	NS	0.61	0.40
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Conclusions

Based on the Result it can be concluded that technology option 2 (Borax@0.2)) is found to be better as compared to technology option 1 (Black polythene sheet@100 micron)) and farmers practices. The technology option 2 is effective for early date of flowering, TSS, higher fruit yield and reducing fruit drop in litchi cv. Shahi.

OFT 06: Horticulture

Sl.No.	Particulars	Contents
1.	Title of On Farm Trial	Effect of different methods of crop regulation in guava for quality fruit production in winter season
2	Problem Diagnose	Guava (<i>Psidium guajava</i>) is grown in the major areas of district Saran for homestead as well as for selling purpose. But due to non-adoption of crop regulation, most of the guava orchards produce fruits in rainy season. Rainy season guava fruits are poor in quality, insipid in taste due to less TSS and heavily infested by fruit fly due which rainy season guava fetches less price in the market. Therefore, for profitable guava cultivation, removal of rainy season crop and promotion of winter season crop is advisable. Therefore, it is required to evaluate and refine the standardized crop regulation techniques of plains in the climatic conditions of Saran, Bihar.
3	Details of Technologies selected for assessment/refinement	Farmers Practice: Urea & NAA are not used by farmers for crop regulation. Technology 1 : Urea @ 10% Technology 2 : NAA @ 600 ppm
4	Source of Technology	ICAR-AICRP on Subtropical fruits
5	Replication	8
6	Production System & Thematic Area	Fruit production & quality improvement
7	Critical input	Urea, NAA
8	Performance of technology with performance indicators	1- Yield of rainy and autumn season crop (Kg/ plant) 2- Average fruit weight of rainy and autumn season crop (g) 3- Fruit TSS (⁰ B) in rainy and autumn season crop 4- Infested fruits (%) in rainy and autumn season crop 5- CC, GR, NR, B: C ratio
9	Process of farmers participation and their reaction	Diagnostic field visit, one-to one interaction with farmers, supply of reading materials

Observations:

Treatments/ Characters	Yield (Kg/ plant)		Average fruit weight (g)		Fruit TSS (⁰ B)		Infested fruits (%)		B: C ratio
	Rainy season crop	Winter season crop	Rainy season crop	winter season crop	Rainy season crop	winter season crop	Rainy season crop	Winter season crop	Rainy season crop

Farmers Practice	12.5	2.8	87.5	141.0	10.3	11.1	12.5	2.8	87.5
Technology Option-1	12.1	2.6	92.5	148.5	10.1	12.2	12.1	2.6	92.5
Technology Option-2	11.0	2.1	88.4	144.3	10.3	12.4	11.0	2.1	88.4
CD at 5%	NS	NS	20.59	4.51	NS	NS	NS	NS	20.59

Conclusions

Based on the Result it can be concluded that technology option II (NAA@600ppm) is found to be better as compared to technology option 1 (Urea@10%) and farmers practice. The technology option 1 is effective for average fruit weight, fruit yield and reducing fruit infestation in guava cv. *Allahabad safeda*.

OFT 07: Horticulture

Sl.No.	Particulars	Contents
1	Title of On Farm Trial	Regulation of bearing potential in litchi (<i>Litchi chinensis</i>) through girdling of primary branches in Saran district of Bihar
2	Problem Diagnose	Litchi (<i>Litchi chinensis</i>) is a major fruit crop of district Saran. But the poor quality of flowering, fruiting behavior as well as heavy fruit drop and fruit cracking restricts its cultivation. Girdling of 2mm and 3mm diameter on 50 per cent primary branches should be done during last week of august to second week of september to suppress vegetative growth prior to flowering in litchi. Therefore, it is required to produce more flowering panicle, fruit yield, fruit size, TSS and less fruit drop and fruit cracking in Saran district of Bihar. .
3	Details of Technologies selected for assessment/refinement	Farmers Practice : No Girdling Technology 1 : Circular girdling 2mm on 50% Primary branches during 1 st week of September Technology 2 : Circular girdling 3mm on 50% Primary branches during 1 st week of September
4	Source of Technology	National Research Center on Litchi, Muzaffarpur, Bihar
5	Replication	8
6	Production System & Thematic Area	Agri- Horti System
7	Critical input	Girdling tools
8	Observations to be recorded	1-Flowering induced (%) 2- Days to flowering after girdling 3- Fruits/panicle 4- fruit drop and cracking(%) 5-Fruit yield(kg/plant) 6- B: C ratio
9	Process of farmers participation and their reaction	Diagnostic field visit, one-to one interaction with farmers, supply of reading materials
Results to be awaited		



OFT 08: Horticulture

SL.No.	Particulars	Contents
1	Title of On Farm Trial	Assessment of proper doses of Paclobutrazol in mitigating irregular bearing in mango
2	Problem Diagnose	Mango is a major fruit crop of district Saran. But the poor quality of flowering, yield and alternate bearing behavior restricts its cultivation. Application of Paclobutrazol @ 4g a.i. and 2g a.i./ metre of canopy diameter should be done during last week of august to second week of september to suppress vegetative growth prior to flowering in Mango. Therefore, it is required to produced more Vegetative shoots , Flush length, Canopy Volume, Flowering shoots, Panicle length, Fruit yield and regular bearing in Saran district of Bihar. .
3	Details of Technologies selected for assessment/refinement	Farmers Practice : No use of Paclobutrazol Technology 1 : Paclobutrazol @ 1.0 g a. i./ m of effective canopy (30-45g) in soil. Technology 2 : Paclobutrazol @ 1.5 g a. i./ m of effective canopy (30-45g) in soil. Note: 1. Recording of flowering behaviour in previous year. 2. Balanced nutrition after harvest of crop is prerequisite.
4	Source of Technology	GBPUAT., Pantnagar
5	Replication	8
6	Production System & Thematic Area	Agri- Horti System
7	Observations to be recorded	1-Vegetative shoots (%) 2- Flush length (cm) 3- Canopy Volume (m ³) 4- Flowering shoots (%) 5- Panicle length 6-Fruit yield(kg/plant) 7- B: C ratio
Results to be awaited		



OFT 09: Animal Science

Sl. No.	Particulars	Contents
1	Title of On Farm Trial	Evaluation of production performance of backyard poultry fed with Azolla and Moringa Olifera dried mixture in the ration
2	Problem Diagnose	Low production under backyard poultry farming owing to deficiency of nutrients intake through scavenging system
3	Details of Technologies selected for assessment/refinement	FP: Scavenging condition TO1: Scavenging condition + 20g broken maize + 20g (dried mixture of azolla and Moringa) TO2: Scavenging condition + 20g broken maize + 25g (dried mixture of azolla (20g) and Moringa (5g))
4	Source of Technology	West Bengal University of Animal and Fisheries Sciences
5	Replication	04 (80 birds)
6	Production System & Thematic Area	Backyard poultry production system
7	Critical inputs	Azolla inoculum for Azolla cultivation Poultry birds Additives
8	Performance of technology with performance indicator	Body weight gain on 4 th , 8 th , 12 th , 16 th and 21 st week Mortality (if any) Deficiency syndrome, if any
9	Process of farmers participation and their reaction	Feedback
Results to be awaited		

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	Productivity enhancement, disease management, soil fertility management	8		60
2.	Livestock	Production enhancement	1	03	04
3.	Enterprises	-	-	-	-
4.	Women Empowerment	-			

3.2 Achievements of Frontline Demonstrations

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha/nos)		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	Maize	Productivity enhancement	Shaktimaan-5	02	02	0	0	0	0	10	0	10	0	10		
2	Wheat	RCT	HD-2967	02	02	2	0	0	0	8	0	10	0	10		
3	Milk	Strip based adulteration kit	Strip based adulteration kit	10	10	1	0	1	0	8	0	10	0	10		
4	Azolla	Productivity Enhancement of animals	Feed supplements	10	10	1	0	1	0	8	0	10	0	10		
5	Dairy Animals	Milk production	Green fodder (Berseem, hybrid Napier and fodder oat) for dairy animals	10	10	0	0	2	0	8	0	10	0	10		
6	Quail farming		Poultry production	05	05	1	0	1	0	3	0	5	0	5	Process initiated	
7	Fodder production		Bersem, oats	05	05	1	0	0	0	4	0	5	0	5		
8	Feed supplement		Mineral mixture	20	20	2	1	2	0	15	0	19	1	20		

9	Mango	IPM	IPM (Fruit fly trap) in Mango	02	02	0	0	2	0	8	0	10	0	10	
10	Maize	IPM	IPM and varietal enhancement in wheat	03	03	0	0	2	0	8	0	10	0	10	
11	Mushroom	Post-harvest management	Performance of pre-treatment agent (KMS) for fresh button mushroom	10	10	0	0	2	0	8	0	10	0	10	
12	Milk	Post-harvest management	Adulteration kit for milk (urea & sucrose)	10	10	0	0	3	0	7	0	10	0	10	
13	Papaya	Productivity enhancement	<i>Papaya (Red lady / Pusa Nanha)</i> <i>Moringa (PKM-1/ PKM-2)</i>	0.4	0.4	0	0	2	0	8	0	10	0	10	
14	Elephant foot Yam	Productivity enhancement	<i>Elephant foot yam (Gajendra)</i>	0.2	0.2	0	0	2	0	8	0	10	0	10	
15	Turmeric	Productivity enhancement	<i>Turmeric (R. Sonali / R. Sonia)</i>	0.2	0.2										
16	Fish	Productivity enhancement	Growth enhancement of fish through supplementation of minerals fortified with vitamins	-	-	0	0	0	0	5	0	5	0	5	
17	Fish	Disease management	Water quality parameters and fish health (KMnO4 / liming)	0.5	0.5	0	0	0	0	5	0	5	0	5	

A. Details of FLDs conducted during the year

Cereals

Sl.	Crop	Thematic	Technology	Area (ha)	No. of farmers/	Reasons for
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No.		area	Demonstrated with detailed treatments			demonstration									shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
1.						M	F	M	F	M	F	M	F	T	
2.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 ₂ O ₅	K ₂ O					
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-

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

B. Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

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

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

** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

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

Cr op	Thema tic area	Name of the technolog y demonstr ated	No. of Farm er	Ar ea (ha)	Yield (q/ha)		% chan ge in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo ns ration	Che ck		De mo	Che ck	Gro ss Cos t	Gros s Retu rn	Net Retu rn	** BC R	Gro ss Cos t	Gros s Retu rn	Net Retu rn	** BC R
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Total															

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy	Fodder production	Increase in milk yield by intake of green fodder (Hybrid napier)	10	10	120q	40q	200	-	-	2500	12000	9500	3.8	1000	4000	3000	3.0
	Mineral mixture	Increase of milk yield by the intake of mineral mixture in their daily diet	10	10	6.8 kg	5.9 kg	15.25	-	-	26900	602000	33420	2.24	24700	52600	27900	2.13
	Azolla	Feed supplementation of Azolla in the ration of dairy animals	10	10	7.2 kg	6.3 kg	14.29	-	-	28340	69120	40780	2.43	27140	58700	31560	2.16
Total			30	30													

* 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	Composite fish culture	Growth of Jayanti Rohu	05	05	72.50	57.50	26.08	30/70	24/50	2.55	5.50	2.95	2.15	2.70	4.05	1.35	1.5
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
Papaya	Introduction of high yielding variety (Red Leady)	10	10	36.32	34.28	5.950991832	-	-	31183.56	108960.00	77776.44	3.49	32783.56	102840.00	70056.44	3.14
Moringa	Bund plantation for resilience of soil	10	10	Standing crop under vegetative stage												
Elephant foot Yam	Introduction of high yielding variety (Gagendra)	10	10	103.10	89.12	15.68671454	-	-	69197.30	164960.00	95762.70	2.38	70369.18	142592.00	72222.82	2.03
Turmeric	Introduction of high Curcumin content variety (Rajendra Sonia)	10	10	81.10	63.14	28.44472601	-	-	28357.12	162200.00	133842.88	5.72	34924.64	126280.00	91355.36	3.62
Total		40	40													

* 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										
Vegetable crops										
Bottle gourd										

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
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 (%)		
				Dist rict yiel d (D)	Sta te yie ld (S)	Poten tial yiel d (P)				Ma x.	Mi n.	Av .	D	S	P
1.	Chickpe	Local	15.7	180	17	2130	RVG-203	25	10	22.	19.	21.	18.	22.	-0.23

	a		4	0	40		+ Improved Variety, Seed treatment , Rhizobiu m, PSB, Micronut rient, sulphur, Line sowing			65	85	25	1	13	
2.	Lentil	Local	12.0 3	130 0	12 70	1760	IPL-316 + Improved Variety, Seed treatment , Rhizobiu m, PSB, Micronut rient, sulphur	50	20	18. 86	16. 14	17. 5	34. 6	37. 80	-0.57
3.	Rapseed & Mustard	Local	13.7 3	141 5	14 04	1900	Rajendra Sufalam + HYV, Seed treatment , PSB, Micronut rients, Sulphur	350	14 0	23. 68	13. 88	18. 78	32. 7	33. 76	-1.16
4.	Linseed	Local	10.4 2	137 2	13 54	1400	Sabour Tisi-1 & Shubhra + HYV, Micronut rients, Sulphur	100	40	17. 1	10. 7	13. 9	1.3	2.6 6	-0.71
5.	Sunflo wer	Local	12.3 9	0	18 25	2700	KBSH-53 + Variety, Micronut rient, Sulphur	50	20	21	15. 8	18. 4	#D IV/ 0!	0.8 2	- 31.8 5

6.	Black gram	Local	7.44	850	850	1000	IPU 2-43 + full package	25	10	10.9	8.5	9.7	14.1	14.12	-3.00
7.	Sesame	Local	5.7	750	750	800	RT-351 + full package	75	30	8.83	6.33	7.58	1.1	1.07	-5.25
8.	Pigeon pea	local	-	-		25-28	NDA-2 + Full package	25	10	Loss of crop due to continues heavy rainfall and flood condition during crop establishment stage					
9.	Sesame	local	-	-		7.5-8.0	TKG-306 + Full package	50	20	Loss of crop due to continues heavy rainfall and flood condition during crop establishment stage					

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1.	RVG-203 + Improved Variety, Seed treatment, Rhizobium, PSB, Micronutrient, sulphur, Line sowing	56983.5	94470	37486.5	1.66	56463.5	127500	71036.5	2.26
2.	IPL-316 + Improved Variety, Seed treatment, Rhizobium, PSB, Micronutrient, sulphur	32246.8	84246.3	51999.4	2.61	35606.85	122500	86893.14	3.44
3.	Rajendra Sufalam + HYV, Seed treatment, PSB, Micronutrients, Sulphur	41808	61807.5	19999.5	1.48	41160.5	84510	43349.5	2.05
4.	Sabour Tisi-1 & Shubhra + HYV, Micronutrients, Sulphur	29492.4	62533.3	33040.9	2.12	31083.18	89400	58316.81	2.88
5.	KBSH-53 + Variety, Micronutrient, Sulphur	50585	68172.5	17587.5	1.35	51865	101200	49335	1.95
6.	IPU 2-43 + full package	36877.29	52111.11	15233.81	1.41	37876.18	67956	30079.8	1.79
7.	RT-351	34765.55	54220.37	19454.81	1.55	34175.18	72010	37834.81	2.1

	+ full package							
8.	NDA-2 + Full package	Loss of crop due to continues heavy rainfall and flood condition during crop establishment stage						
9.	TKG-306 + Full package	Loss of crop due to continues heavy rainfall and flood condition during crop establishment stage						

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/household)
1	Chickpea (RVG-203)	53545	48545	60	5000		For agricultural inputs, food and feed, school fees of children and social obligations	
2	Lentil (IPL-316)	86702	74202	70	12500		For agricultural inputs, food and feed, school fees of children and social obligations	
3	Rapeseed & Mustard (R.Sufalam)	658954	644954	45	14000		For agricultural inputs, food and feed, school fees of children and social obligations	
4	Linseed(Sabou r Tisi-1& Shubhra)	143850	138850	60	5000		For agricultural inputs, food and feed, school fees of children and social obligations	

5	Sunflower (KBSH-53)	85740	83240	55	2500		For agricultural inputs, food and feed, school fees of children and social obligations	
6	Black gram (Summer)- IPU 2-43	24320	21820	70	2500		For agricultural inputs, food and feed, school fees of children and social obligations	
7	Sesame (Summer)- RT-351	58053	52428	95	5625		For agricultural inputs, food and feed, school fees of children and social obligations	
8	Pigeon pea (NDA-2)	Loss of crop due to continues heavy rainfall and flood condition during crop establishment stage						
9	Sesame (TKG-306)	Loss of crop due to continues heavy rainfall and flood condition during crop establishment stage						

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.	Rapeseed & Mustard	Very appropriate	Rajendra Sufalam + HYV, Seed treatment, PSB, Micronutrients, Sulphur	yes	No	Yes	
2.	Linseed	Yes	Sabour	yes	No	Yes	Blue bull affects

			Tisi-1 & Shubhra + HYV, Micronutrients, Sulphur				crop during growth period
3.	Sunflower	yes	KBSH-53 + Variety, Micronutrient, Sulphur	yes	No	Yes	
4.	Sesame (Summer)	yes	RT-351 + full package	yes	No	Yes	
5.	Sesame (Kharif)	yes	TKG-306 + Full package	yes	No	Yes	Loss of crop due to continues heavy rainfall and flood condition during crop establishment stage

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Variety, Seed treatment, INM, IPM, Azotobacter Treatment, Phosphobacteria	Good	Demo unit is good on local check due to improved variety along with Package and practices	Positive response but Blue bull affects crop during growth period.

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Training on cluster based scientific Cultivation of Pigeon-pea	14/07/2021 and Baldiya	20
2.	Training on scientific cultivation of Pigeon-pea	16/07/2021 and Bhatkesahri, Jalalpur	19
3.	Training on scientific cultivation of Pigeon-pea	29/07/2021 and Mishrawaliya, Jalalpur	24
4.	Training on scientific cultivation of Pigeon-pea and Sesame	03/08/2021 and Gopalpur, Sonpur	18
5.	Training on scientific cultivation of Sesame	07/08/2021 and Bhithi, Baniapur	28
6.	Training on cluster based scientific Cultivation on Rapeseed and Mustard	01/11/2021 and KVK, Manjhi	18
7.	Training on cluster based scientific Cultivation on Chickpea	05/11/2021 and Rasidpur	25
8.	Training on cluster based scientific Cultivation on Lentil	07/11/2021 and KVK, Manjhi	27

9.	Training on cluster based scientific Cultivation on Field pea	08/11/2021 and KVK, Manjhi	20
10	Training on cluster based scientific Cultivation on Linseed	09/11/2021 and KVK, Manjhi	19

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



H. Farmers' training photographs



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





J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Pulses	i) Critical input	405000	296298	67702
	ii) TA/DA/POL etc. for monitoring	60000	40000	20000
	iii) Extension Activities (Field day)	45000	21831	19169
	iv)Publication of literature	-		
	Total	510000	358129	106871
Oilseed	i) Critical input	1287000	937910	-5087760
	ii) TA/DA/POL etc. for monitoring	0	0	0
	iii) Extension Activities (Field day)	143000	34870	-6420
	iv)Publication of literature	1430000	972780	-515180

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0

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, (cultivation of crops)	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	1	19	9	28	0	0	0	0	0	0	19	9	28
Export potential vegetables				0			0			0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Cultivation of Vegetable)	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
b) Fruits													
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0	0	0	0
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
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	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
addition													
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	1	25	2	27	4	0	4	0	0	0	29	2	31
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	1	25	2	27	4	0	4	0	0	0	29	2	31
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	1	25	2	27	4	0	4	0	0	0	29	2	31
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management													
Dairy Management	1	19	0	19	2	0	2	0	0	0	21	0	21
Poultry Management	1	17	1	18	2	0	2	0	0	0	19	1	20
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	1	13	0	13	1	0	1	0	0	0	14	0	14
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any Goat farming	1	17	0	17	2	0	2	2	0	2	21	0	21
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	0	16	16	0	0	0	0	0	0	0	16	16
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	1	14	5	19	1	0	1	0	0	0	15	5	20
Income generation activities for empowerment of rural Women	2	0	44	44	0	6	6	0	1	1	0	51	51
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	1	0	16	16	0	4	4	0	2	2	0	22	22
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	1	0	16	16	0	4	4	0	2	2	0	22	22
Post-Harvest Technology				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
Others, if any	1	20	0	20	2	0	2	0	0	0	22	0	22
VII. Plant Protection													
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	15	2	17	3	0	3	0	0	0	18	2	20
VIII. Fisheries													
Integrated fish farming	5	78	2	80	14	0	14	0	0	0	92	2	94
Carp breeding and hatchery management	1	20	0	20	2	0	2	0	0	0	22	0	22
Carp fry and fingerling rearing				0			0			0	0	0	0
Composite fish culture & fish disease	2	37	0	37	5	0	5	0	0	0	42	0	42
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	1	18	0	18	5	0	5	0	0	0	23	0	23
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

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
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	25	362	117	479	51	14	65	2	5	7	415	136	551

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	2	18	20	2	2	4	0	0	0	4	20	24
Bee-keeping	1	20	3	23	3	0	3	2	3	5	25	6	31
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	1	18	0	18	2	0	2	0	0	0	20	0	20
Planting material production	1	19	4	23	4	2	6	1	0	1	24	6	30
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	1	17	0	17	3	0	3	0	0	0	20	0	20
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	2	0	28	28	0	6	6	0	1	1	0	35	35
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	1	8	11	19	4	0	4	0	0	0	12	11	23
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	1	16	0	16	3	0	3	1	0	1	20	0	20
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	1	0	19	19	0	3	3	0	0	0	0	22	22
Tailoring and Stitching	1	0	15	15	0	2	2	0	1	1	0	18	18
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	11	100	98	198	21	15	36	4	5	9	125	118	243

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
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	1	11	0	11	3	0	3	0	0	0	14	0	14
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	2	0	20	20	0	2	2	0	0	0	0	22	22
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
TOTAL	3	11	20	31	3	2	5	0	0	0	14	22	36

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	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, (cultivation of crops)	0	0	0	0	0	0	0	0	0	0	0	0	0
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	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	1	14	0	14	2	0	2	0	0	0	16	0	16
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

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 raising	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Cultivation of Vegetable)	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
b) Fruits													
Layout and Management of Orchards	1	16	0	16	2	0	2	1	0	1	19	0	19
Cultivation of Fruit	1	19	0	19	2	0	2	0	0	0	21	0	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(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
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	6	99	0	99	14	0	14	7	0	7	120	0	120
Soil and Water Conservation	2	39	0	39	2	0	2	0	0	0	41	0	41
Integrated Nutrient Management	2	42	0	42	6	0	6	0	0	0	48	0	48
Production and use of organic inputs	3	52	0	52	9	0	9	0	0	0	61	0	61
Management of Problematic soils	1	28	0	28	4	0	4	0	0	0	32	0	32
Micro nutrient deficiency in crops	2	37	0	37	1	0	1	0	0	0	38	0	38
Nutrient Use Efficiency	1	23	0	23	2	0	2	0	0	0	25	0	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Soil and Water Testing	1	20	0	20	2	0	2	0	0	0	22	0	22
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
IV. Livestock Production and Management													
Dairy Management	4	71	0	71	10	0	10	1	0	1	82	0	82
Poultry Management	1	15	0	15	3	0	3	0	0	0	18	0	18
Piggery Management	1	13	0	13	2	0	2	0	0	0	15	0	15
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any Goat farming	2	37	0	37	1	0	1	0	0	0	38	0	38
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	0	34	34	0	6	6	0	0	0	0	40	40
Design and development of low/minimum cost diet	1	15	0	15	6	0	6	0	0	0	21	0	21
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	3	49	0	49	7	0	7	0	0	0	56	0	56
Value addition	3	0	58	58	1	4	5	0	0	0	1	62	63
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	2	32	0	32	4	0	4	0	0	0	36	0	36
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	4	65	0	65	14	0	14	4	0	4	83	0	83
Small scale processing and value addition	6	79	16	95	15	4	19	7	2	9	101	22	123
Post-Harvest Technology	5	85	10	95	6	0	6	0	0	0	91	10	101
Others, if any	2	39	0	39	4	0	4	0	0	0	43	0	43
VII. Plant Protection													
Integrated Pest Management	2	35	0	35	3	0	3	2	0	2	40	0	40
Integrated Disease Management	1	18	0	18	3	0	3	1	0	1	22	0	22
Bio-control of pests and diseases	1	18	0	18	3	0	3	1	0	1	22	0	22
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	34	0	34	5	0	5	0	0	0	39	0	39
VIII. Fisheries													
Integrated fish farming	4	66	2	68	13	0	13	0	0	0	79	2	81
Carp breeding and hatchery	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
management													
Carp fry and fingerling rearing				0			0			0	0	0	0
Composite fish culture & fish disease	3	56	0	56	9	0	9	0	0	0	65	0	65
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	1	17	0	17	2	0	2	0	0	0	19	0	19
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				0			0			0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	71	1133	120	1253	157	14	171	24	2	26	1314	136	1450

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

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	19	0	19	3	0	3	1	0	1	23	0	23
Bee-keeping	1	15	0	15	4	0	4	2	0	2	21	0	21
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	2	36	0	36	3	0	3	1	0	1	40	0	40
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post-Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any	1	7	24	31	2	1	3	0	1	1	9	26	35
TOTAL	5	77	24	101	12	1	13	4	1	5	93	26	119

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	25	2	27	3	0	3	0	0	0	28	2	30

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 Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	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	1	25	2	27	3	0	3	0	0	0	28	2	30

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Fodder production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, (cultivation of crops)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	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

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
Enterprise development	0	0	0	0	0	0	0	0	0	0	0	0	0
Skill development	0	0	0	0	0	0	0	0	0	0	0	0	0
Yield increment	1	14	0	14	2	0	2	0	0	0	16	0	16
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	19	9	28	0	0	0	0	0	0	19	9	28
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Cultivation of Vegetable)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	33	9	42	2	0	2	0	0	0	35	9	44
b) Fruits													
Training and Pruning	1	16	0	16	2	0	2	1	0	1	19	0	19
Layout and Management of Orchards	1	19	0	19	2	0	2	0	0	0	21	0	21
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0	0	0	0
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
TOTAL	2	35	0	35	4	0	4	1	0	1	40	0	40
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
TOTAL	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
TOTAL	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
TOTAL	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
TOTAL	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

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
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
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
III. Soil Health and Fertility Management													
Soil fertility management	7	124	2	126	18	0	18	7	0	7	149	2	151
Soil and Water Conservation	2	39	0	39	2	0	2	0	0	0	41	0	41
Integrated Nutrient Management	2	42	0	42	6	0	6	0	0	0	48	0	48
Production and use of organic inputs	3	52	0	52	9	0	9	0	0	0	61	0	61
Management of Problematic soils	2	53	2	55	8	0	8	0	0	0	61	2	63
Micro nutrient deficiency in crops	2	37	0	37	1	0	1	0	0	0	38	0	38
Nutrient Use Efficiency	1	23	0	23	2	0	2	0	0	0	25	0	25
Soil and Water Testing	2	45	2	47	6	0	6	0	0	0	51	2	53
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	21	415	6	421	52	0	52	7	0	7	474	6	480
IV. Livestock Production and Management													
Dairy Management	5	90	0	90	12	0	12	1	0	1	103	0	103
Poultry Management	2	32	1	33	5	0	5	0	0	0	37	1	38
Piggery Management	1	13	0	13	2	0	2	0	0	0	15	0	15
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	1	13	0	13	1	0	1	0	0	0	14	0	14
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others, if any (Goat farming)	3	54	0	54	3	0	3	2	0	2	59	0	59
TOTAL	12	202	1	203	23	0	23	3	0	3	228	1	229
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	3	0	50	50	0	6	6	0	0	0	0	56	56
Design and development of low/minimum cost diet	1	15	0	15	6	0	6	0	0	0	21	0	21
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	3	49	0	49	7	0	7	0	0	0	56	0	56
Value addition	4	14	63	77	2	4	6	0	0	0	16	67	83
Income generation activities for empowerment of rural Women	2	0	44	44	0	6	6	0	1	1	0	51	51
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
TOTAL	13	78	157	235	15	16	31	0	1	1	93	174	267
VI. Agril. Engineering													
Installation and maintenance of micro irrigation systems	3	32	16	48	4	4	8	0	2	2	36	22	58
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

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
Repair and maintenance of farm machinery and implements	4	65	0	65	14	0	14	4	0	4	83	0	83
Small scale processing and value addition	7	79	32	111	15	8	23	7	4	11	101	44	145
Post-Harvest Technology	5	85	10	95	6	0	6	0	0	0	91	10	101
Others, if any	3	59	0	59	6	0	6	0	0	0	65	0	65
TOTAL	22	320	58	378	45	12	57	11	6	17	376	76	452
VII. Plant Protection													
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	2	35	0	35	3	0	3	2	0	2	40	0	40
Bio-control of pests and diseases	1	18	0	18	3	0	3	1	0	1	22	0	22
Production of bio control agents and bio pesticides	1	18	0	18	3	0	3	1	0	1	22	0	22
Others, if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	49	2	51	8	0	8	0	0	0	57	2	59
VIII. Fisheries													
Integrated fish farming	9	144	4	148	27	0	27	0	0	0	171	4	175
Carp breeding and hatchery management	1	20	0	20	2	0	2	0	0	0	22	0	22
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Composite fish culture & fish disease	5	93	0	93	14	0	14	0	0	0	107	0	107
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	1	18	0	18	5	0	5	0	0	0	23	0	23
Hatchery management and culture of freshwater prawn	1	17	0	17	2	0	2	0	0	0	19	0	19
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
TOTAL	17	292	4	296	50	0	50	0	0	0	342	4	346
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
TOTAL	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

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
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
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry	0	0	0	0	0	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. specify)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	96	1495	237	1732	208	28	236	26	7	33	1729	272	2001

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production	2	21	18	39	5	2	7	1	0	1	27	20	47
Bee-keeping	2	35	3	38	7	0	7	4	3	7	46	6	52
Integrated farming	3	54	0	54	5	0	5	1	0	1	60	0	60
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	19	4	23	4	2	6	1	0	1	24	6	30
Vermi-culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	1	17	0	17	3	0	3	0	0	0	20	0	20
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	2	0	28	28	0	6	6	0	1	1	0	35	35
Production of quality animal products													
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	1	8	11	19	4	0	4	0	0	0	12	11	23

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Para vets	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	1	16	0	16	3	0	3	1	0	1	20	0	20
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	1	0	19	19	0	3	3	0	0	0	0	22	22
Tailoring and Stitching	1	0	15	15	0	2	2	0	1	1	0	18	18
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)	1	7	24	31	2	1	3	0	1	1	9	26	35
TOTAL	16	177	122	299	33	16	49	8	6	14	218	144	362

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	25	2	27	3	0	3	0	0	0	28	2	30
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	1	11	0	11	3	0	3	0	0	0	14	0	14
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	2	0	20	20	0	2	2	0	0	0	0	22	22
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
Others if any	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4	36	22	58	6	2	8	0	0	0	42	24	66

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

S. No	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
1	Agri Engg	Practicing Farmer	Installation and maintenance of irrigation system	1	OFF	18	0	18	2	0	2
2	Agri Engg	Practicing Farmer	Post-harvest management of wheat crops	1	OFF	21	0	21	7	0	7
3	Agri Engg	Practicing Farmer	Value addition in leafy vegetables	1	ON	0	22	22	0	6	6
4	Agri Engg	Practicing Farmer	Summer season mung bean sowing through Zero tillage Technique	1	OFF	22	0	22	6	0	6
5	Agri Engg	Practicing Farmer	Value addition in tomato	1	OFF	21	0	21	7	0	7
6	Agri Engg	Practicing Farmer	Summer season mung bean sowing through Zero tillage Technique	1	OFF	22	0	22	6	0	6
7	Agri Engg	Practicing Farmer	Tomato Processing	1	OFF	19	0	19	2	0	2
8	Agri Engg	Practicing Farmer	Setup of Custom Hiring center	1	OFF	20	0	20	2	0	2

		Farmer									
9	Agri Engg	Practicing Farmer	Mushroom Processing	1	OFF	15	5	20	2	0	2
10	Agri Engg	Practicing Farmer	Mango processing	1	OFF	14	5	19	4	0	4
11	Agri Engg	Practicing Farmer	Implements for rice cultivation	1	OFF	21	0	21	2	0	2
12	Agri Engg	Practicing Farmer	Storage structure of grains	1	OFF	28	0	28	4	0	4
13	Agri Engg	Practicing Farmer	Sowing of wheat with zero tillage technique	1	OFF	19	0	19	4	0	4
14	Agri Engg	Practicing Farmer	Crop residue management	1	OFF	20	0	20	2	0	2
15	Agri Engg	Practicing Farmer	Sowing of Wheat through Zero tillage	1	ON	21	1	22	2	0	2
16	Agri Engg	Practicing Farmer	Tomato Processing	1	OFF	14	7	21	0	0	0
17	Agri Engg	Practicing Farmer	Amla processing	1	OFF	18	3	21	2	0	2
18	Agri Engg	Practicing Farmer	value addition in leafy vegetables	1	OFF	16	2	18	2	0	2
19	Agri Engg	Practicing Farmer	Pickle processing	1	OFF	11	6	17	0	0	0
20	Agri Engg	Practicing Farmer	Post harvest management of rice	1	OFF	14	4	18	4	0	4
21	Agri Engg	Practicing Farmer	Post harvest management of rice	1	OFF	19	0	19	4	0	4
22	Agri Engg	Practicing Farmer	Installation and maintenance of irrigation system	1	OFF	18	0	18	2	0	2
23	Agri Engg	Rural Youth	Farm implements and its maintenance	3	ON	22	0	22	3	0	3
24	Agri Engg	Rural Youth	Mushroom processing	3	ON	0	15	15	0	3	3
25	Agri Engg	Rural Youth	Pickle processing	1	ON	0	18	18	0	3	3
26	Animal Sci	Practicing Farmer	Scientific approaches in dairy farming	1	OFF	16	0	16	2	0	2
27	Animal Sci	Practicing Farmer	Feeding and breeding management of Dairy animals	1	OFF	20	0	20	2	0	2

		Farmer										
28	Animal Sci	Practicing Farmer	Disease management in dairy animals	1	OFF	26	0	26	4	0	4	
29	Animal Sci	Practicing Farmer	Dairy farm management	1	OFF	20	0	20	3	0	3	
30	Animal Sci	Practicing Farmer	Goat farming	1	OFF	20	0	20	3	0	3	
31	Animal Sci	Practicing Farmer	Poultry farming	1	OFF	15	0	15	2	0	2	
32	Animal Sci	Practicing Farmer	Pig farming	1	OFF	15	0	15	2	0	2	
33	Animal Sci	Practicing Farmer	Goat farming	1	OFF	18	0	18	3	0	3	
34	Animal Sci	Practicing Farmer	Azolla culture production technique	1	ON	14	0	14	1	0	1	
35	Animal Sci	Practicing Farmer	Backyard poultry	1	ON	19	1	20	2	0	2	
36	Animal Sci	Practicing Farmer	Dairy farm management	1	ON	21	0	21	2	0	2	
37	Animal Sci	Practicing Farmer	Goat farming	1	ON	21	0	21	2	0	2	
38	Fisheries	Practicing Farmer	Fish pond management	1	OFF	21	0	21	3	0	3	
39	Fisheries	Practicing Farmer	Composite fish culture technique	1	ON	18	0	18	2	0	2	
40	Fisheries	Practicing Farmer	Fish Disease Management	1	OFF	21	0	21	2	0	2	
41	Fisheries	Practicing Farmer	Bio-floc fish farming	1	OFF	22	0	22	4	0	4	
42	Fisheries	Practicing Farmer	Integrated fish farming	1	OFF	19	0	19	3	0	3	
43	Fisheries	Practicing Farmer	Fish cum paddy farming	1	OFF	18	2	20	5	0	5	
44	Fisheries	Practicing Farmer	Fish feed management	1	ON	23	0	23	5	0	5	
45	Fisheries	Practicing Farmer	Fish hatchery management	1	ON	22	0	22	2	0	2	

		Farmer									
46	Fisheries	Practicing Farmer	Biofloc fish culture technique	1	ON	14	0	14	2	0	2
47	Fisheries	Practicing Farmer	management of fish health in winter season	1	OFF	22	0	22	3	0	3
48	Fisheries	Practicing Farmer	Fish Disease Management	1	OFF	21	0	21	2	0	2
49	Fisheries	Practicing Farmer	Farming of fishes for hatchery	1	OFF	19	0	19	2	0	2
50	Fisheries	Practicing Farmer	Composite fish culture technique	1	ON	15	2	17	2	0	2
51	Fisheries	Practicing Farmer	Fish hatchery management	1	ON	22	0	22	2	0	2
52	Fisheries	Practicing Farmer	Management of fish health in winter season	1	ON	23	0	23	3	0	3
53	Fisheries	Practicing Farmer	Common disease in fish	1	ON	19	0	19	2	0	2
54	Fisheries	Practicing Farmer	Preparation of fish feed at home	1	ON	23	0	23	5	0	5
55	Fisheries	Rural Youth	Fish Culture management	3	ON	22	0	22	2	0	2
56	Fisheries	Rural Youth	Fish culture technology	1	OFF	24	0	24	1	0	1
57	Fisheries	Rural Youth	Advanced fish farming management	3	ON	22	0	22	4	0	4
58	Fisheries	Rural Youth	Aquarium construction and ornamental fish farming	3	ON	14	11	25	4	0	4
59	Fisheries	Rural Youth	Fish Farming	1	OFF	22	0	22	3	0	3
60	Fisheries	Rural Youth	Integrated farming system	1	OFF	22	0	22	1	0	1
61	Home Sci	Practicing Farmer	Maintenance of Kitchen Garden	1	OFF	0	20	20	2	0	2
62	Home Sci	Practicing Farmer	Value addition of Amla	1	OFF	0	23	23	4	0	4
63	Home Sci	Practicing Farmer	Kitchen gardening	1	OFF	0	20	20	4	0	4
64	Home Sci	Practicing Farmer	Oyster Mushroom Pickle	1	OFF	0	20	20	0	0	0
65	Home Sci	Practicing Farmer	Oyster mushroom production	1	OFF	14	12	26	0	0	0

		Farmer									
66	Home Sci	Practicing Farmer	Oyster mushroom production	1	OFF	20	4	24	0	0	0
67	Home Sci	Practicing Farmer	Making of low cost weaning food	1	OFF	21	4	25	0	0	0
68	Home Sci	Practicing Farmer	Natural Gulal Making	3	ON	0	29	29	4	0	4
69	Home Sci	Practicing Farmer	Introduction of Mushroom Farming	1	OFF	22	0	22	0	0	0
70	Home Sci	Practicing Farmer	Gingerel making	1	ON	0	22	22	3	0	3
71	Home Sci	Practicing Farmer	Different vegetables pickle techniques	1	OFF	1	19	20	0	0	0
72	Home Sci	Practicing Farmer	value addition in Amla	1	ON	15	5	20	0	0	0
73	Home Sci	Practicing Farmer	Kitchen gardening	1	ON	0	16	16	0	0	0
74	Home Sci	Rural Youth	Mushroom production	3	ON	4	16	20	2	2	4
75	Home Sci	Rural Youth	Tailoring, cutting and stitching	7	ON	0	16	16	0	3	3
76	Home Sci	Rural Youth	Turmeric processing	3	ON	0	17	17	0	4	4
77	Home Sci	Rural Youth	Mushroom production	3	OFF	4	17	21	2	2	4
78	Horticulture	Practicing Farmer	Cultivation of cucumber, bitter gourd, bottle gourd	1	OFF	16	0	16	2	0	2
79	Horticulture	Practicing Farmer	Off Campus training on management of guava and mango orchards	1	OFF	19	0	19	3	0	3
80	Horticulture	Practicing Farmer	Establishment of fruit orchards through Scientific methods	1	OFF	21	0	21	2	0	2
81	Horticulture	Practicing Farmer	layout and maintenance of nursery	1	ON	18	9	27	0	0	0
82	Horticulture	Rural Youth	Gadener	7	ON	24	6	30	5	2	7
83	Plant protection	Practicing Farmer	Control measures of Fall Army Worm	1	OFF	22	0	22	2	0	2
84	Plant protection	Practicing Farmer	Cultivation of Mung bean through Zero Tillage Techq. in summer Season	1	OFF	19	0	19	3	0	3
85	Plant	Practicing	Bee Keeping and processing	1	OFF	17	0	17	4	0	4

	protecti on	ng Farmer									
86	Plant protecti on	Practici ng Farmer	Button mushroom production technique	1	ON	18	2	20	4	0	4
87	Plant protecti on	Practici ng Farmer	Insect management in mustard	1	OFF	18	0	18	1	0	1
88	Plant protecti on	Practici ng Farmer	Production of button mushroom	1	OFF	22	0	22	3	0	3
89	Plant protecti on	Practici ng Farmer	Disease management in green gram	1	OFF	22	0	22	0	0	0
90	Plant Protecti on	RuralY outh	Bee Keeping	3	OFF	9	24	33	2	2	4
91	Plant Protecti on	RuralY outh	Bee Keeping	3	ON	25	6	31	5	3	8
92	Soil Science	Practici ng Farmer	Soil properties and their management	1	OFF	22	0	22	3	0	3
93	Soil Science	Practici ng Farmer	Azolla production and its use	1	OFF	17	0	17	3	0	3
94	Soil Science	Practici ng Farmer	Importance and application of waste decomposer	1	OFF	18	0	18	2	0	2
95	Soil Science	Practici ng Farmer	Soil health management	1	ON	29	2	31	4	0	4
96	Soil Science	Practici ng Farmer	Type of Bio fertilizers and application in crops	1	OFF	21	0	21	1	0	1
97	Soil Science	Practici ng Farmer	Production and use of organic manures	1	OFF	17	0	17	1	0	1
98	Soil Science	Practici ng Farmer	Collection of Soil Sample and reading of Soil Health Card	1	OFF	18	0	18	6	0	6
99	Soil Science	Practici ng Farmer	Rice Cultivation through DSR Technique	1	OFF	19	0	19	2	0	2
10 0	Soil Science	Practici ng Farmer	Soil testing and fertilizer recommendation	1	OFF	22	0	22	2	0	2
10 1	Soil Science	Practici ng Farmer	Production and use of Azolla	1	OFF	18	0	18	3	0	3
10 2	Soil Science	Practici ng Farmer	Sowing of direct seeded rice	1	OFF	21	0	21	4	0	4
10	Soil	Practici	Application of fertilizer in crop	1	OFF	25	0	25	2	0	2

3	Science	ng Farmer										
104	Soil Science	Practicing Farmer	Soil health management through conservation agriculture	1	OFF	22	0	22	0	0	0	
105	Soil Science	Practicing Farmer	Post emergence herbicide in paddy	1	OFF	32	0	32	4	0	4	
106	Soil Science	Practicing Farmer	Proper use and management of macro nutrients in crops	1	OFF	22	0	22	4	0	4	
107	Soil Science	Practicing Farmer	Diagnosis of Nutrient deficiency and their management	1	OFF	21	0	21	0	0	0	
108	Soil Science	Practicing Farmer	Scientific cultivation of Mustard	1	OFF	25	0	25	2	0	2	
109	Soil Science	Practicing Farmer	Application of bio fertilizers in crops and their types	1	OFF	25	0	25	4	0	4	
110	Soil Science	Practicing Farmer	Diagnosis of Nutrient deficiency and their management	1	OFF	17	0	17	1	0	1	
111	Soil Science	Practicing Farmer	Soil health management through conservation agriculture	1	ON	29	3	32	4	0	4	
112	Soil Science	Practicing Farmer	Collection of Soil Sample and reading of Soil Health Card	1	ON	26	2	28	4	0	4	
113	Agril. Engineering	Extension Functionaries	Assessing the quality of wheat before processing	1	OFF	32	0	32	3	0	3	
114	Home Science	Extension Functionaries	Nutritional Garden	3	ON	0	11	11	0	1	1	
115	Home Science	Extension Functionaries	In-service training under NARI to Aanganwadi worker	3	ON	0	11	11	0	5	5	
116	Horticulture	Extension Functionaries	layout of nutri garden	1	ON	14	0	14	3	0	3	
Total				154		1989	440	2429	280	36	316	

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	

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

I) Sponsored Training Programmes

Sl .	Titl e	Themat ic area	Mont h	Duratio n (days)	Client	No. of cours es	No. of Participants										Sponsori ng Agency
					PF/R/Y/ EF		Male			Female			Total				
							Other s	S C	S T	Other s	S C	S T	Other s	S C	S T	Tot al	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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	3	23	3	26	19.45	0	0	0	23	3	26
Kisan Mela	2	105	38	143	16.19	8	1	9	113	39	152
Kisan Ghosthi	3	85	0	85	17.35	3	0	3	88	0	88
Exhibition	0	0	0	0	0	0	0	0	0	0	0
Film Show	0	0	0	0	0	0	0	0	0	0	0
Method Demonstrations	0	0	0	0	0	0	0	0	0	0	0
Farmers Seminar	0	0	0	0	0	0	0	0	0	0	0
Workshop	0	0	0	0	0	0	0	0	0	0	0
Group meetings	0	0	0	0	0	0	0	0	0	0	0
Lectures delivered as resource persons	5	80	30	110	12.21	8	0	8	88	30	118
Advisory Services	0	0	0	0	0	0	0	0	0	0	0
Scientific visit to farmers field	214	201	13	214	16.22	214	0	214	415	13	428
Farmers visit to KVK	332	301	31	332	12.57	0	0	0	301	31	332
Diagnostic visits	65	342	32	374	13.22	80	0	0	422	32	454
Exposure visits	0	0	0	0	0	0	0	0	0	0	0
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0	0
Soil health Camp	0	0	0	0	0	0	0	0	0	0	0
Animal Health Camp	0	0	0	0	0	0	0	0	0	0	0
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	0	0	0	0	0	0	0	0	0	0	0
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	0	0	0	0	0	0	0	0	0	0	0
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0
Special Programmes (specify)	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	22	110	80	190	12.74	9	1	10	119	81	200
Any Other (Specify)	0	0	0	0	0	0	0	0	0	0	0
Total	646	1247	227	1474	14.72	322	2	244	1569	229	1798

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	15
Radio talks	0
TV talks	0
Popular articles	2

Extension Literature	0
Other, if any	0

C. Celebration of important days

Celebration of Important Days	No. of activities	Farmers				Extension Officials			Total		
		M	F	Total	SC/ ST (% of total)	M	F	Total	M	F	Total
Republic day (26 th Jan.)	1	80	50	130	14	13	1	14	93	51	141
International Women's Day (8 th Mar.)	1	0	50	50	16	13	1	14	13	51	64
International water Day (22 th March)	1	14	16	30	12	13	1	14	27	17	44
Ambedkar Jayanti (14 th Apr.)	0	0	0	0	0	0	0	0	0	0	0
International Yoga Day (21 st Jun.)	0	0	0	0	0	0	0	0	0	0	0
Independence Day (15 th Aug.)	1	80	50	130	14	13	1	14	93	51	141
Parthenium Awareness Week (16 th to 22 nd Aug.)	0	0	0	0	0	0	0	0	0	0	0
Hindi Diwas (14 th Sep.)	0	0	0	0	0	0	0	0	0	0	0
Gandhi Jayanti (2 nd Oct.)	1	20	12	32	8	12	1	13	32	13	45
Mahila Kisan Diwas (15 th Oct.)	1	0	28	28	11	11	1	12	29	11	40
World Food Day (16 th Oct.)	1	26	6	32	13	10	1	11	36	7	43
Vigilance Awareness Week (27 th Oct. to 2 nd Nov.)	3	28	12	40	12	9	1	10	37	13	50
National Unity Day (31 st Oct.)	0	0	0	0	0	0	0	0	0	0	0
World Science Day (10 th Nov.)	0	0	0	0	0	0	0	0	0	0	0
National Education Day (11 th Nov.)	0	0	0	0	0	0	0	0	0	0	0
National Constitution Day (26 th Nov.)	1	8	25	33	9	12	1	13	20	26	46
World Soil Day (5 th Dec.)	1	60	30	90	13	12	1	13	72	31	103
Kisan Diwas (23 rd Dec.)	1	42	12	54	12	10	1	11	52	13	65

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	10-02-2021	Horticulture fair organised by IIHR, Bengaluru	Honourable PM	110	14	2	126
3	26-08-2021	Food and Nutrition for farmers	Honourable AM	80	12	1	93
2	17.09.2021	Poshan vatika Mahaabhiyan	Honourable PM and AM	100	14	1	115
4	28-09-2021	Climate resilient technology	Honourable PM	114	14	0	128
5	16-12-2021	Zero budget natural farming	Honourable PM and AM	350	14	0	364

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
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
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	<i>Madhuri</i>	3000	1500				
Cabbage		1000	500				
Tomato	VNR, Arka Rakshak	3000	1500				
Brinjal	Pusa Uttam	4000	2000				
Chilli	Kashi Abha	6000	3000				
Cucurbits	-	1000	10000				
Moringa	PKM1	1500	22500				
Onion	NHRDF Red 3	500 kg	10000				
Others	-	-	-				
Fruits							
Mango	-	-	-				
Guava	-	-	-				
Lime	-	-	-				
Papaya	Red lady	1500	37500				
Banana							
Others							
Ornamental plants							
Medicinal and Aromatic	Tulsi, Ashwagandha, Pepermint, Mentha, etc.	50	250				
Plantation	-	-	-				

Spices	-	-	-				
Turmeric	-	-	-				
Tuber	-	-	-				
Elephant yams	-	-	-				
Fodder crop saplings	Napier hybrid	1000	1000				
Forest Species	Melia dubia	500	7500				
Others, pl. specify	-	-	-				
Total		22550	97250				

Production of Bio-Products

Name of product	Quantity	Value (Rs.)	No. of Farmers benefitted			
	Kg		SC	ST	Other	Total
Bio-fertilizers						
Bio-pesticide						
Bio-fungicide						
Bio-agents	2500	20000				
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 :	Dr. Kanhaiya Lal Regar
Address :	Krishi Vigyan Kendra Saran
e-mail :	head.kvk.manjhi@rpcu.ac.in
Phone No. :	6377158822
Mobile :	

ii) Quality Seed Production Reports

Season-wise/ Crop-wise/ variety-wise	Crop	Variety	Seed Production (qtls)		Category of seed
			Target	Achie.	
A. Kharif -21	NA	NA	NA	NA	
B. Rabi-21	Lentil	IPL-316	450	450	F/S
	Chickpea	RVG-203	200	200	F/S
C. Summer-21	Green gram	IPM-2-3	350	175	F/S
Total			1000	825	

iii) Financial Progress

Year	Opening Balance (1 st April)	Fund Utilized	Fund Earned (by seeds sale)	Interest gained/ Subsidy received if any	Closing Balance (31 st March,)	Remarks (if any)
2018-19	72.97537	23.39741	8.12463	1.77777	83.48036	
2019-20	83.48036.1	3.82267	5.33943	2.96632	87.96344	
2020-21	87.96344.1	2.08266	0	2.30567	88.18645	

iv) Infrastructure Development

Item	Progress
Seed processing unit	Done
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				
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.					
2.					
3.					
4.					

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

Name of farmer	Ankush Raj			
Address	Village+PO- Sahpur Diara, Block-Sonpur, District: Saran, Bihar			
Contact details (Phone, mobile, email Id)	9504094578			
Landholding (in ha.)	1.5			
Name and description of the farm/ enterprise	Vegetable and Mushroom Farming			
Economic impact	Horticulture crops			
	Year	Gross Return	Net Return	C:B Ratio
	2017-18	80,000	25,000	1.45
	2018-19	1,20,000	45,000	1.60
	2019-20	2,75,000	1,10,000	1.67
	2020-21	4,50,000	2,80,000	2.65
	2021-22	7,50,000	4,70,000	2.68

	13(iii) Livestock <table><tr><th>Year</th><th>Gross Return</th><th>Net Return</th><th>C:B Ratio</th></tr><tr><td>2017-18</td><td>-</td><td>-</td><td>-</td></tr><tr><td>2018-19</td><td>90,000</td><td>40,000</td><td>1.80</td></tr><tr><td>2019-20</td><td>1,30,000</td><td>70,000</td><td>2.16</td></tr><tr><td>2020-21</td><td>1,30,000</td><td>70,000</td><td>2.16</td></tr><tr><td>2021-22</td><td>2,40,000</td><td>1,40,000</td><td>2.40</td></tr></table>	Year	Gross Return	Net Return	C:B Ratio	2017-18	-	-	-	2018-19	90,000	40,000	1.80	2019-20	1,30,000	70,000	2.16	2020-21	1,30,000	70,000	2.16	2021-22	2,40,000	1,40,000	2.40
Year	Gross Return	Net Return	C:B Ratio																						
2017-18	-	-	-																						
2018-19	90,000	40,000	1.80																						
2019-20	1,30,000	70,000	2.16																						
2020-21	1,30,000	70,000	2.16																						
2021-22	2,40,000	1,40,000	2.40																						
Social impact	a) Mushroom production with innovative Technology. b) Post-harvest technology adopted by drying excess mushroom production and making of pickle																								
Environmental impact	Under Mushroom production, the modified technology will help to reduce the rate of compost production																								
Horizontal/ Vertical spread	Trained nearby farmers for mushroom production and also make available spawn for them. I also help them in marketing as well as train them to make several products of mushroom from there excess production`																								
																									



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
1.	Paddy	Just after the harvesting and proper drying of paddy, farmers make a small ball of fresh cow dung, get them stick to a thin film of paddy seeds spread on the grounds. Get them dried in the sun and keep in safe storage. At the time of sowing of the crop, they put these balls in the ground as sowing behind the plough and get bumper plant population and good harvest.	Safe storage, line sowing, proper depth of sowing and ease in sowing
2	Cucurbits	Two innovative technologies of farmer i.e. saving of mortality of cucurbits with high temperature and westerly wind and relay cropping system of vegetables with paddy is given under documentation in success story of NICRA, CRIDA Hyderabad.	Save mortality of seedlings
3	Vegetable	Planting of pointed gourd through manual earth diggers (Rumba) by farmers of diara land is being popularized among farmers and it will be documented after experimentation.	Save moisture
4	Mushroom	Use of paddy straw instead of wheat straw for mushroom production is being popularized. this innovative technology not only increases the production by 100 to 150 gm/bag but also saves water because no need to remove polyethine. This report will be documented after experimentation	Increase yield

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Lentil,	0.29	3 q	1	Y
2	Papaya	0.07	60 q	1	Y
3	Maize	0.35	9.60 q	2	Y
4	wheat	0.07	2.50 q	1	Y
5	Rai	0.35	4.80 q	2	Y

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed

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

Sl. No	Name of the Equipment	Qty.

3.11.b. Details of samples analyzed so far:

Number of soil samples analyzed		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
162	-	162

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

Sl.	Analysis	No. of Samples analyzed	No. of Villages	No. of Farmers	Amount realized (Rs.)
1.	Soil	162	5	162	-
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	Training programme	103	0	0	25	85

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

No of training programme	No. of demonstrations	No. of plant material produced	Visit by the farmers (No.)	Visit by the officials (No.)
1	0	0	0	0

3.13. Technology week celebration

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

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

No of student trained	No of days stayed
1	60

ARS trainees trained	No of days stayed
0	0

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

Date	Name of the person	Purpose of visit
01-02-2021	Arti kumara DPA (NNM), ICDS, Saran	For poshan vatika programme
01-02-2021	Nibha Kumari DPC (PMMVY), ICDS, Saran	For poshan vatika programme
10-02-2021	Dr. Satyandra yadav MLA, Manjhi	As a guest in Live telecast of National Horticulture Fair organized by IIHR, Bengaluru
16-07-2021	Dr. Satyandra yadav MLA, Manjhi	As a guest
17-07-2021	Dr Ramakrishana Roy Senior Scientist & Head, Gopalganj	For visit
16-12-2021	Mr. Ajay Kumar	JDA, Saran

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)
Cropping System and farming System approach to sustainable agriculture	36	57	20000/ha	25000/a
Resource conservation Technology	117	61	17000/ha	20000/ha
INM	185	60	18000/ha	25000/ha
IPM	115	58	21000/ha	18000/ha
Seed Production	30	22	26000/ha	46000/ha
Vermicompost Production	60	20	4800/unit	14400/unit
Mushroom production	200	40	NIL	50000/annum

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
Seed treatment	76%
Use of Improved or HYV	75%
Use of Biofertilizer	26%
Use of Vermicompost in vegetable	28%
IFS	6%
Mushroom Production	38%
Seed Production	48%

Give information in the same format as in case studies

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

An impact analysis was done in the adopted villages through questionnaire, PRA, group discussion, Question answer series and it was found that INM, RCT, Integrated Farming approach, Farming Systems approach and Increasing the fertilizer use efficiency have great impact on the farmers

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	Resource Conservation
Name of the Innovation	Relay cropping of vegetable with Paddy
Details of Innovator	NarvadeshwarGiri, Vill-Affaur, Nagra-block, Distt- Saran, Ph.No.9973077637/8292054096
Back ground of innovation	Age-60 years Education-Graduation Land holding-2 ha Farming experience-10 years Crop grown-Wheat, maize, rapeseed, mustard, long melon, tomato, brinjal, paddy. Life stock -cow2, buffalo-2, calf-1 Social recognition- -Member of VCRMC (NICRA)
Technology details	He evolved relay cropping of vegetables with paddy [Brinjal-Tomato-cucumber/long melon-Paddy]. Sowing of brinjal in nursery was done by 15 th August and transplanting in the main field by 15 th September at 6 feet ×3 feet distance on permanent beds. Seedlings of Tomato were raised in a separate nursery in last week of November and transplanting was done in between the rows of brinjal at a distance of 4 feet. The plant geometry was so maintained that there was no shading effect of Brinjal on tomato. Now cucumber and long Melon was sown directly in between the plants of tomato at a distance of 2 feet by 25 th February or the atmospheric temperature was around 22-23°C. The creepers were allowed to grow on the ground and no staking was done. To prevent the fruit from soil contact natural mulch of grass, weeds and paddy straw was done.
Practical utility of innovation	For managing probable nocturnal insect pests inhabiting in the grass mulch, Neem based insecticide was used prepared by the farmers himself. Sesbania was grown in the field by 25-30 th May and it was incorporated in the field at 45 days duration irrespective of monsoon break with supplemental irrigation. Short duration paddy was then taken in the field after puddling. Thus farmers get could get gross economic return of Rs. 60000.00 from one ha of land.

Thematic area	Crop production
Name of the Innovation	Multiple cropping in guava garden
Details of Innovator	Shri Umeshwar kumar Singh, Vill-Affaur, Nagra-block, Distt- Saran Ph.No. 8084041776
Back ground of innovation	Age-60 years Land holding-10ha Farming experience-30 years Crop grown- Paddy, wheat, enterprise pond, fish farming, rapeseed, red gram. Life- stock – Four milk animals Social recognition- chairman of VCRMC (NICRA), Chairman of PACS, Dealer of PDS

	(Public Distribution System)
Technology details	A Guava based Multiple Cropping System taking 4 crops per year apart from main crop of guava. He established guava garden keeping planting geometry in such a manner that there was easy movement of tractor operated farm implements and no shading effect of guava canopy on the agricultural crops. Regular training and pruning of guava was done was done to keep the canopy well maintained. Four rows kharif maize was planted in between the two rows of guava. All the farm operations were done as usual based on maize recommendations. After the harvest of maize, Toria was taken that could be harvested by 15 th of January. Now summer vegetables like bottle gourd + Lady's finger was taken. Banana was planted all around the guava garden to give a protective wall and to act as wind break apart from giving additional yield.
Practical utility of innovation	During summer months, natural mulch of paddy straw was applied in the bottle gourd + Lady's finger and worms were released in the field for in situ vermicomposting, moisture retention and nutrient supply for longer periods. Thus ShriUmeshwar Singh could get a Gross Income of more than 80000.00 per ha from the guava garden.

4.5. Details of entrepreneurship development

Entrepreneurship development					
Name of the enterprise		Singh Vermicompost			
Name & complete address of the entrepreneur		Sri Rameshwar Singh, Village: Karah, Block: Baniyapur, District: Saran Bihar			
Intervention of KVK with quantitative data support:					
Time line of the entrepreneurship development		5 years In the year 2012, enterprise of Enriched Vermicompost production and Banana Cultivation.			
Technical Components of the Enterprise		a. To make enrich quality of vermicompost, I add azatobacter, PSB and turmeric. I start cultivation of turmeric in banana field for mixing in vermicompost which save the vermicompost with fungus attack. b. I decrease the height of vermicompost unit with 2.5ft to 1.5 ft and getting Vermicompost production in 10 days earlier than 3ft height due to aerahon in lower side of pit. Putting water hyacinth in one layer and banana in next layer that increases the feeding habit of each worm.			
Status of entrepreneur before and after the enterprise		For business enhancement at first increases the cultivation of banana for raw material of vermicompost. I start selling vermicompost which make contact with other farmers, make contact with District Agriculture Officer for registration and got registration by “Singh Vermicompost”. The sell of enrich vermicompost is more than previous one.			
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):		He provides benefit to fellow farmer by giving them training on vermicompost production and by providing earthworm to them free of cost. As a resource person he trained 100 farmers for vermicompost production. He has established ManavSevaSansthan in which he trained the farmer. SHGs group and try to provide help in getting loan with bank for starting this enterprise.			
		Year	Gross Return/ year	Net Return/ year	B:C Ratio
		2014	100000	25000	2.0
		2015	75,000.00	175000	1.37
		2016	225000	67500	2.25
		2017	1,10,000.00	550000	1.75

		2018	625000	250000	2.5
		2019	540000	210000	2.2
Horizontal spread of enterprise	As a resource person he trained 100 farmers for vermicompost production. He has established ManavSevaSansthan in which he trained the farmer. SHGs group and try to provide help in getting loan with bank for starting this enterprise.				

4.6. Any other initiative taken by the KVK

Sl. No	Activity	Number of farmers	No. of Villages/Blocks
1	Farm Advisory Service through SMS	11 Messages to 34438 farmers	38
2	Advisory Service through Phones	As and when needed	
3	Provision of free internet facility to the farmers when required	As and when needed	
4	Farmers linkage through Kisan Sarathi	Availability of KVK Scientist throughout the year for solving query on phone	
5	Farmers advisory through Whatsapp group	As and when needed	

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
District Agriculture Department	Identification of training needs Joint implementation of training programme Diagnostic Team visits Identification of target groups
DRDA, Saran	Sponsored Training Programme & Joint Implementation of Developmental Programme
Agriculture Technology Management Agency (ATMA) Saran	Sponsored Training Programme & Joint Implementation of Developmental Programme Sponsored Training Programmers Preparation of SERP Identification of target groups
District Horticulture Department Saran	Joint participation in meetings Demonstration of Biofertilizers Joint implementation of training programme, Diagnostic Team visits. Identification of target groups
Joint Director, Agriculture Saran	Joint Implementation of Training programme Diagnostic team visits Identification of training needs
Jeevika	Training Programme
NABARD	Training Programme and Kisan club formation
NYK	For technology transfer
MGNAREGA	For development of farmers field

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.)
Climate Resilient Agriculture Programme	To develop the practice of climate resilient practices to the farmers	October 2020	Bihar Govt	2500000
Bater farming unit	To demonstrate the Bater farm to the farmers	March 2021	ATMA	200000
Demonstration		October 2021	ATMA	75000

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.	Mushroom	2013	600						
2.	Fruit preservation	2013	24						
	Total								

6.2. Performance of Instructional Farm (Crops)

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	11.06.2021	03.11.2021	6.0	Rajshree	CS	180.0			
Wheat	10.12.2020	17.04.2021	4.0	(HD- 2967)	FS	119.0			
Pea	05.11.2020	24.03.2021	0.5	(HUDP- 15)	FS	2.5			
Lentil	08.12.2020	05.04.2021	2.0	(HUL- 57)	FS	13.0			
Rai	16.11.2020	07.04.2021	1.0	(R. Suflam)	TL	4.8			
Potato	29.11.2020	30.03.2021	0.5	(Kufri Bahar)	FS	69.5			

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermicompost	2500		Used in farm	

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.	Animal cow bull	Sahiwal & Jersey	Natural insemination	34	1500	6800	

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: Yes

No. of staff quarters: 6

Date of completion: 2013

Occupancy details:

Months	Q I	Q II	Q III	Q IV	Q V	Q VI
January 2019 - December 2020	Yes	Yes	Yes	No	No	Yes

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
KVK Current	Allahabad Bank	Manjhi	20928184086
KVK Revolving (saving)	Allahabad Bank	Manjhi	20928304406
KVK Seed Hub (Revolving)	Allahabad Bank	Manjhi	50409575779

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 1 st 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	72000		9230
3	Contingencies			
A	Office	500000		331044
B	Training	280000		89305
C	FLD	140000		61637
D	OFT	105000		16415
E	Soil and water testing	0		0
F	Maintenance	50000		18350
G	Extension activities	50000		0
I	Swachhta Expenditure	20000		8049
TOTAL (A)		950000		524800
B. Non-Recurring Contingencies				
1	Works	0	0	0
2	Vehicle	0	0	0
3	Equipment and Furniture	0	0	0
4	Library	0	0	0
TOTAL (B)				
C. REVOLVING FUND		0	0	0
GRAND TOTAL (A+B+C)		950000	524460	370906

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st January of each year (Kind + cash)
2018-19	199794	1394820	704820	889794
2019-20	889794	96927	536823	449898
2020-21	481810	473493	923199	32104
2021-22	224716	330423	230559	324580

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
Rabi & Kharif Abhiyan	25	Rabi & Kharif	Y	Y	Y

Farmers training	15	Rabi & Kharif	Y	Y	Y
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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	-	-
Livestock	-	-
Fishery	-	-
Weather	-	-
Marketing	-	-
Awareness	-	-
Training information	-	-
Other	-	-
Total	-	-

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)

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

	Name of activities as per theme	Total No. of Participants	No. of VIPs Attended the programme	No. of farmers participated
16-12-2021	Swachhata pledge by KVK staffs, display of banners and plantation in KVK premises	20	0	5
17-12-2021	Digitization of office records, cleanliness drive of KVK office and corridor, disposing of old and obsolete materials	15	0	0
18-12-2021	Cleanliness and sanitation drive in Saahbalpur village Manjhi	30	0	27
19-12-2021	Cleanliness drive in office premises and other surrounding areas	15	0	5
20-12-2021	Waste management, disposal of organic wastes into vermi-compost unit	18	0	15
21-12-2021	Awareness on recycling of waste water and water harvesting for agriculture	15	0	14
22-12-2021	Cleanliness drive of nearby village	22	0	21
23-12-2021	Celebration of Kisan Diwas with farmers	65	0	50
24-12-2021	Swachhata awareness at nearby village and sanitation drive	28	0	25
25-12-2021	Plantation and sanitation drive under swachhata pakhwada	65	2	51

26-12-2021	Office Campus Cleaning and Plantation drive	25	2	10
27-12-2021	Awareness on Waste Management	21	0	18
28-12-2021	Campaign on cleaning of sewerage & water lines, Cleaning of nearby village	32	0	26
29-12-2021	Awareness on treatment and safe disposal of biodegradable and non-biodegradable wastes among the farmers.	23	0	20
30-12-2021	Office premises cleaning in presence of print media	18	0	0
31-12-2021	Cleaning of staff quarters and surroundings	19	0	0

b. Details of Swachhta activities with expenditure

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

Total	-	-
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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

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

	Name of activities as per theme	Total No. of Participants	No. of VIPs Attended the programme	No. of farmers participated
16-12-2021	Swachhata pledge by KVK staffs, display of banners and plantation in KVK premises	20	0	5
17-12-2021	Digitization of office records, cleanliness drive of KVK office and corridor, disposing of old and obsolete materials	15	0	0
18-12-2021	Cleanliness and sanitation drive in Saahbalpur village Manjhi	30	0	27
19-12-2021	Cleaniness drive in office premises and other surrounding areas	15	0	5

20-12-2021	Waste management, disposal of organic wastes into vermi-compost unit	18	0	15
21-12-2021	Awareness on recycling of waste water and water harvesting for agriculture	15	0	14
22-12-2021	Cleanliness drive of nearby village	22	0	21
23-12-2021	Celebration of Kisan Diwas with farmers	65	0	50
24-12-2021	Swachchata awareness at nearby village and sanitation drive	28	0	25
25-12-2021	Plantation and sanitation drive under swachchata pakhwada	65	2	51
26-12-2021	Office Campus Cleaning and Plantation drive	25	2	10
27-12-2021	Awareness on Waste Management	21	0	18
28-12-2021	Campaign on cleaning of sewerage & water lines, Cleaning of nearby village	32	0	26
29-12-2021	Awareness on treatment and safe disposal of biodegradable and non-biodegradable wastes among the farmers.	23	0	20
30-12-2021	Office premises cleaning in presence of print media	18	0	0
31-12-2021	Cleaning of staff quarters and surroundings	19	0	0

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)

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

9.14. Revenue generation

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

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
3.			

9.15. Resource Generation:

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

9.16. Performance of Automatic Weather Station in KVK

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

9.17. Contingent crop planning

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

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

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

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

11. Details of TSP

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 2017-18 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2020-21

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

d. Location and Beneficiary Details during 2017-18

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

12. Details of SCSP

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer		
b.	Women		
c.	Rural Youths		
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
3)	FLD	No. of FLDs	No. of beneficiaries
		3	72
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.)	-

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

Natural Resource Management

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

Crop Management

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									
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		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

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.	Abhinav Kisan Puraskar	Mr. Chandan Prasad				5000		DRPCA, Pusa

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

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

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

17. Integrated Farming System (IFS)

A) Details of KVK Demo. Unit

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

B) Activities under IFS

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

18. Technologies for Doubling Farmers' Income

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

1					
2					

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

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)					
II (up-to 24.04.2018)					
Total					

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

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

21. a) Information on ASCI Skill Development Training Programme, 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.)
2016-17	Mushroom Grower	Dr. Surendra Prasad	March-2017	April-2017	20	Y	3,17,600/-
	Organic Grower	Dr. Ratnesh Kumar Jha	March-2017	April -2017	20	Y	
2017-18							
2018-19	Mushroom Grower	Dr. Surendra Prasad	07.02.2019	08.03.2019	20	Y	3,30,400/-
	Organic Grower	Dr. Vijay Kumar	18.02.2019	19.03.2019	20	Y	
2019-20	Mushroom Grower	Dr. Surendra Prasad	26.02.2020	-	20	Y	1,80,000
	Organic Grower	Dr. Kanhaiya Lal Regar	26.02.2020	-	20	Y	1,80,000

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	

22. Information of NARI Project (if applicable)

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

Senior Scientist & Head, KVK, Saran	-	-	-	3	8	-
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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.	Manjhi, Revealganj, Ekma	Backyard/Kitchen garden	3	150/village	Aanganwadi kendras
2.		Community level			
3.		Terrace Garden			
4.		Vertical Garden			
TOTAL					

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

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

d. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries

e. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
Manjhi	For layout of kitchen garden, diagnostic visit, awareness programme	5	30
Revealganj	For layout of kitchen garden, diagnostic visit, awareness programme	2	18

23. Activities under KSHAMTA

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

24. Information on Krishi Kalyan Abhiyan Phase- I/ Phase-II/ Phase-III, if applicable

Krishi Kalyan Abhiyan- I/II

A. Training

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

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

Name of programme	No. of Programme	Total quantity distributed				No. of farmers benefitted								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 programm e	No. of Programm e	Activities performed				No. of farmers benefited								No. of other officials (except KVK) attended the programm e	
		No. of animals vaccinate d	No. of animals deworme d	Feed/ nutrient supplement s provided (kg)	Any other (Distributio n of animals/ birds/ fingerlings) [No.]	SC		ST		Other s		Total			
						M	F	M	F	M	F	M	F		T
KKA-I															
KKA-II															

D. Other activities

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

Krishi Kalyan Abhiyan- III

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

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

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

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



KVK Saran presenting annual report of NICRA in workshop held at KVK, Jehanabad



KVK Saran stall in Kisan Mela organized by ATMA, Saran



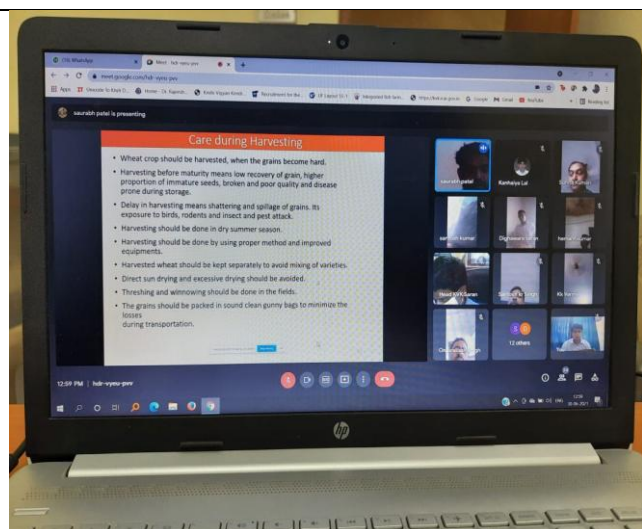
KVK Saran scientist delivering lecture in Farmers Scientist meet organised by ATMA Saran



KVK Saran organizing International Women's Day



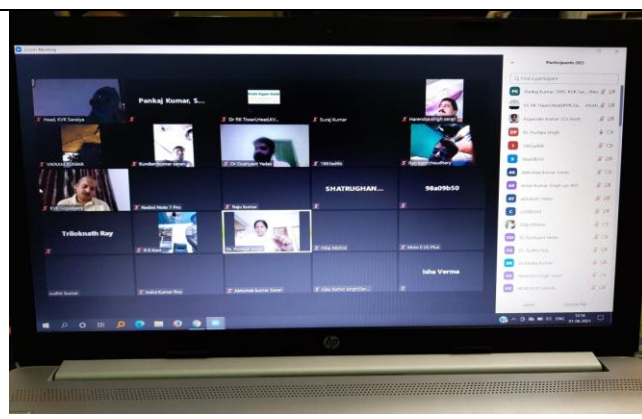
Presentation of report on the occasion of Scientific Advisory Committee meeting by Senior Scientist & Head



Online training on Accessing the quality of Wheat to the extension functionaries



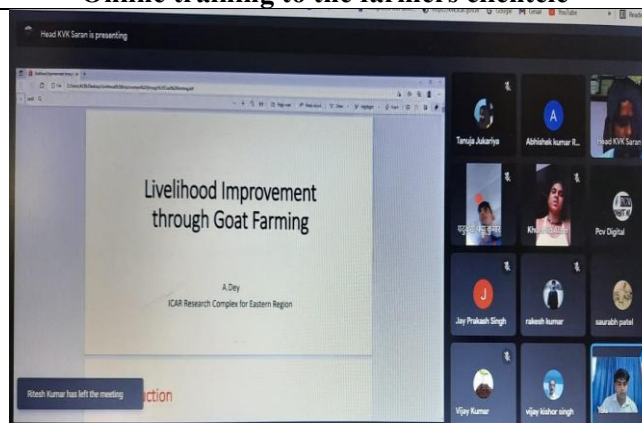
Plantation on the occasion of ICAR foundation day



Online training to the farmers clientele



CFLD training programme



Online training on Goat farming



Training to extension functionaries on Kitchen Gardening



Farmers Scientist Interaction organized by ATMA Saran



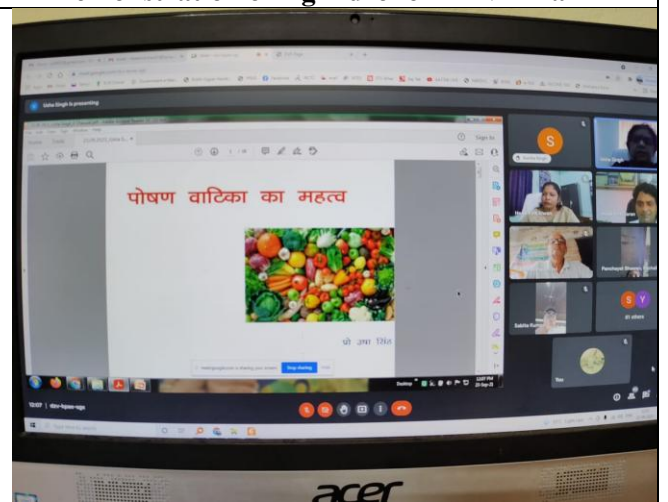
Kisan gosthi on Climate Resilient Agriculture



Demonstration of Agri-drone in KVK Farm



Hon'ble MLA Dr. Satendra Yadav at KVK Saran on Poshan Vatika Programme



Online training programme on poshan vatika



Training to Rural Youth on Care and Maintenance of Farm Implements



Training programme on aquarium making



14th SAC meeting at KVK Saran



Training to farmers under OFT in Horticulture



E-kisan chaupal on Fish Pond Management



Training on Layout of kitchen garden



Farmer-scientist interaction organised by ATMA-Saran



Stall of KVK in National Symposium of ISAE in Patna



Stall of KVK in 15th Agriculture Science Congress



Delivering lecture in *Fal-fool mela* organized by District Agriculture Office, Saran





Distribution of critical inputs under OFT, FLD, etc.



Diagnostic field visit and other field related activities



View of Technology Park developed by KVK Saran
