# KRISHI VIGYAN KENDRA SHEOHAR



# ANNUAL REPORT (JANUARY, 2021 to DECEMBER, 2021)



# DIRECTORATE OF EXTENSION EDUCATION RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY, BIHAR PUSA, SAMASTIPUR-848125

# PROFORMA FOR ANNUAL REPORT2021(1st January-31st December, 2021)

### 1. GENERAL INFORMATION ABOUT THE KVK

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

Name and address of KVK	Tele	ephone	E Mail	
	Office	FAX	E-IMAII	
K.V.K., Sheohar	06222299021		head.kvk.sheohar@rpcau.ac.in	

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

Name and address of Host	Telephone		E mail
Organization	Office	FAX	E IIIaII
R.P.C.A.U, BIHAR, PUSA	06274-240226		wa@maan aa in
(SAMASTIPUR)		06274-240255	vc@rpcau.ac.m

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

Nama	Telephone / Contact				
Iname	Residence	Mobile	Email		
Dr. Sanjay Kumar Rai	KVK, Sheohar	09430557320	head.kvk.sheohar@rpcau.ac.in		

1.4. Year of sanction of KVK:March 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. S. K. Rai	Sr. Scientist & Head	Horticulture	131400-217100 & 139400	18.06.2019	Permanent	Others
2.	Subject Matter Specialist	Dr. S. K. Thakur	SMS Plant Protection	Nematology	68900-172100 & 117100	08.11.2018	Permanent	Others
3.	Subject Matter Specialist	Dr. Rajendra Prasad	SMS Agronomy	Agronomy	57700-182400 & 107300	11.06.2009	Permanent	Others
4.	Subject Matter Specialist	Er. Manoj Kumar	SMS Agril. Engg.	FM & POWER	57700-182400 & 89900	13.06.2009	Permanent	Others
5.	Subject Matter Specialist	Ashutosh Kumar	SMS Hort. Vegetable	Horticulture	56100-177500 & 61300	31.12.2018	Permanent	Others
6.	Subject Matter Specialist	-	-	-	-	-	-	-
7.	Subject Matter Specialist	-	-	-	-	-	-	-
8.	Programme Assistant	-	-	-	-	-	-	-
9.	Computer Programmer	-	-	-	-	-	-	-
10.	Farm Manager	Ms. Madhumita	Farm Manager		35400-112400 & 39900	26.08.2019	Permanent	Others
11.	Accountant / Superintendent	Sri Vineet Kumar	Assistant	-	35400-112400 & 39900	21.10.2017	Permanent	OBC
12.	Stenographer	Sri Kamlesh Kumar	Stenographer	-	25500-81100 & 27900	19.02.2018	Permanent	OBC
13.	Driver	Sri Kamleshwari Das	Tractor Driver	-	21700-69100& 21700	27.02.2021	Permanent	SC
14.	Driver	Sri Rana Kumar	Jeep Driver	-	21700-69100& 21700	03.03.2021	Permanent	SC
15.	Supporting staff	Sri Dhirendra Kumar	S.S.S.	-	18000-56900& 18000	26.02.2021	Permanent	Others
16.	Supporting staff	Sri Gopal Kumar	S.S.S.	-	18000-56900& 18000	27.02.2021	Permanent	Others

#### 1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	1.00
2.	Under Demonstration Units	0.04
3.	Under Crops	4.00
4.	Orchard/Agro-forestry	0.20
5.	Others with details	Nil
	Total	5.20

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	-	-	-	-	Yes	525	Use	ICAR
2.	Farmers Hostel	-	-	-	Yes	-	305	Not Use	ICAR
3.	Staff Quarters (6)	-	-	-	-	Yes	-	Abandoned	ICAR
4.	Piggery unit	Not yet	-	-	-	-	-	-	-
5	Fencing	-	-	Yes	-	-	-	-	-
6	Rain Water harvesting structure	Not yet	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	Damaged	15x16 sq m	Notin Use	ICAR
8	Farm godown	Not yet	-	-	-	-	-	-	-
9.	Dairy unit	-	-	-	-	-	-	-	-
10.	Poultry unit	-	-	-	-	-	-	-	-
11.	Goatry unit	-	-	-	-	-	-	-	-
12.	Mushroom Lab	Not yet	-	-		-	-	-	-
13.	Mushroom production unit	Viable	Hut	-	-	-	-	Under use	ICAR
14.	Shade house	N/A	-	-	-	-	-	-	-
15.	Soil test Lab	N/A	-	-	-	-	-	-	-
16	Others, Please Specify	-	-	-	-	-	-	-	-

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

#### B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero Jeep	2006	440525.00	2010104	Running and its completed 15 years
Tractor (Massey)	2006	334500.00	1582 (hr)	Running
Tractor (John Deer) CRA	2021	671580	23.7 (hr)	Running
Tractor (BR55G/0387)	2019	626743.84	371 (hr)	Running
Motorcycle (BR55B/0853)	2016	50338.00	2729	Running
Motorcycle (BR55B/0852)	2016	50338.00	4586	Running

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Metal Cabinet	05.12.2014	47,25.00	Running	ICAR
Imprison digital	05.12.2014	13,250.00	Running	ICAR
b. Farm machinery				
SPRAYER HX16		5,084.00	Running	ATMA
MOTOR/POWER (2 Piece)	31.03.2020			
Ridger (3 farrow)	31.03.2020	17,857.00	Running	ATMA
Land leveler front	31.03.2020	11,607.00	Running	ATMA
Bund farmar	31.03.2020	9,821.00	Running	ATMA
Wheel weeder (2 Piece)	31.03.2020	2400.00	Running	ATMA
Seed treatment drum	31.03.2020	2500.00	Running	ATMA
c.AV Aids				

### D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
HP-DX-2280 (INI 703537)	2007	32,000.00	Out of order	ICAR
HP-MT-1000 (CN 64133070)	2007	6,800.00	Out of order	ICAR
HP-15 LCD monitor (CN	2007	3,950.00	Running	ICAR
631QFM8)				
HP-SJ-2400P (CN-67CSR2FD)	2007	-	Out of order	ICAR

Laser Jet-1020 (CNCKS 17291)	2007		Out of order	ICAR
SONY Cyber Shot DSLR-A 200	14.02.2009	24,990.00	Out of Order	ICAR
L.C.D Projector	11.09.2013	73,100.00	Running	ICAR
Step liger 5kv	05.06.2014	10,000.00	Running	ICAR
Inverter	02.12.2013	14,537.00	Running	ICAR
Battery	02.12.2013	5,238.09	Running	ICAR
Voltas 1.5 Ton SPLIT AC MODEL NO 185VMZM	25.11.2019	42,490.00	Running	ICAR
PA500S, 600 Lumens SVGA Business Projector	04.12.2019	22,333.00	Running	ICAR
LG 55 inch LED TV	06.12.2019	54490.00	Running	ICAR
B2236DW MONO LASER PRINTER	23.11.2019	12,500.00	Running	ICAR
280 G4 MT i5 815 Win 10 HP N223 21.5" Desktop	28.11.2019	49,950.00	Running	ICAR
Kent Mineral RO Water Purifier	27.07.2019	18,000.00	Running	ICAR
Exide Tubular Battery, Microtek UPS Luminous Trolley	27.07.2019	24,850.00	Running	ICAR
Laptop	19.02.2019	2,15,100.00	Running	ICAR
LLOYD AC SPLIT 1.5 TON	20.12.2019	33,999.78	Running	ICAR
Ceiling Fan (8 pieces)	29.08.2019	11,016.90	Running	ICAR
Electric Kettle Prestige	27.07.2019	1,695.00	Running	ICAR
BOSCH Drill Machine	25.08.2019	2,100.00	Running	ICAR
V-Guard Stabilizer (2 piece)	10.01.2020	7,070.00	Running	ICAR
Ahuja sound set	30.01.2020	67,00.00	Running	ICAR
Acer Intel Core i3 Computer	14.09.2020	29883.00	Running	ICAR
Exide Tubular 230Ah Battery	10.11.2020	16600.00	Running	ICAR
V. Guard VGB500	14.10.2020	5741.00	Running	ICAR
Refrigerator	08.12.2020	18,000.00	Running	ICAR
Voltas AC	15.09.2020	39,988.00	Running	ICAR
Rice-wheat Seeder (10 Piece)	26.02.2021	80000	Running	CRA
Multi crop planter (2 Piece)	11.05.2021	155098	Running	CRA
Land Laser Leveler (I Piece)	18.03.2021	248000	Running	CRA
Mini Dal mil 3 HPKV (1 Piece)	17.08.2020	94500	Running	CRA

Happy Seeder (1 Piece)	17.08.2020	158742	Running	CRA
Land Laser Leveler	17.08.2020	291200	Running	CRA
Self Propelled Reaper combiner	12.11.2020	520000	Running	CRA
(1Piece)				
Multi crop Thrasher (1 Piece)	12.11.2020	128800	Running	CRA
Self propelled rice transplanter	12.11.2020	222800	Running	CRA
(1Piece)				
Mounted Heavy Duty Displaw	12.11.2020	72492	Running	CRA
(1Piece)				
Riversable MB plough lancer	12.11.2020	114240	Running	CRA
(1Piece)				
Power weeder (1Piece)	12.11.2020	47600	Running	CRA
Mini rice mil (1Piece)	12.11.2020	265000	Running	CRA
Hydrolic Tractor Teller (1Piece)	08.06.2021	143400	Running	CRA
Cultivator (1Piece)	08.06.2021	29430	Running	CRA
Rotabator (1Piece)	08.06.2021	96240	Running	CRA
Reaper combinder (1 Piece)	08.06.2021	342000	Running	CRA

# 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.	25 <sup>th</sup> September, 2021	43	-	-	-

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

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

Sl.No.	Items	Information
1	Major Farming system/enterprise	Crop based farming system, Horticulture based system, Vermiculture, Organic farming system
2	Agro-climatic Zone	The climate of this zone is characterised by three distinct season i.e cool –dry winter, hot dry summer and warm wet rainy season having tropical humid to sub humid type. The average rainfall in the district ranges from 1000 to 1300 mm per annum. Average relative humidity in the morning and evening is 90 and 60 percent respectively. The land of this zone is alluvial plains having sandy loam to clay loam light in texture with neutral to alkaline in reaction (pH 7.0-8.5) and salt concentration is low to high. Most of the soils are very low to medium in organic carbon, available $P_2O_5$ and $K_2O$ contents. The district soil is deficient in Zinc (66%),boron (38%) and sulphur (25%) respectively.
3	Agro ecological situation	<b>Upland-</b> Sandy loam soil, flat topography, easy in tillage operation, water table medium. <b>Mid land</b> –Loamy in texture, flat topography, low water holding capacity, water logging for a shorter period. <b>Chaur land-</b> Heavy soil, clay loam in texture, tillage a bit difficult, high water table.
4	Soil type	<ul> <li>Sandy loam- Light soil, pH 7.8-8.5, low fertility status, deficient in P, K, Zn, Fe, S and B with low organic carbon.</li> <li>Loam-Medium soil, pH 8.0-8.5, low to medium fertility status, deficient in P, K, Zn, Fe, B and S, low in organic carbon.</li> <li>Clay loam-Medium to heavy texture, pH 7-8.5, low to medium fertility status, deficient in P, Zn and S with low in organic carbon.</li> </ul>
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Crops         Productivity (Kg /ha)           Wheat-         3100           Maize-         5200           Paddy-         3600           Lentil-         1157           Moong-         860           Mustard-         675           Sugar Cane-         45000

6	Mean yearly temperature, rainfall, humidity of the district	Yearly Mean (January-2021) to (December-2021	Temperat	ture (0°C)	R. H. (%	Rainfall (inch)		
			Max.	Min.	7 AM	2 PM		
			24	5	90	62	0.3	
			26	13	94	71	0.4	
			33	17	87	59	0.3	
			35	21	85	65	0.6	
			39	27	88	69	0.17	
			37	28	86	80	5.8	
			35	27	94	87	10.4	
			34	27	94	83	8.8	
			33	25	90	81	6.2	
			34	22	89	80	1.7	
			31	14	85	55	0.2	
			24	12	92	59	0.2	

Note: Please give recent data only

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Sheohar	Sheohar	Harnahi	Potato, Lentil, Maize, Paddy, Wheat, Moong	Low Productivity, Traditional varieties	Suitable improved variety, CRA
2.	Sheohar	Sheohar	Khairwadarp	Paddy, Wheat, Lentil, Sugarcane,	Low Productivity, Traditional varieties	Suitable improved variety, Intercropping, CSA
3.	Sheohar	Sheohar	Pardesiya	Paddy, Wheat, Maize, Lentil, Mustard	Low Productivity, Traditional varieties	Suitable improved variety, Intercropping, CRA

### 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
Khairwadarp	Sheohar	OFT, CISSA Project, CFLD, FLD.
Pardesiya	Sheohar	OFT, CRA Project, CFLD, FLD.
Lalgarh	Dumari Katsari	CRA Project, FLD, CFLD.
Harnahi	Sheohar	CRA Project, FLD, CFLD, OFT.
Paharpur	Dumari Katsari	CRA Project, FLD, CFLD.
Hathisar	Purnahiya	CRA Project, FLD, CFLD.

#### 2.1Priority thrust areas

S. No.

Thrust area.

1.	Thrust area.
2.	Promotion of use of new cultivar of different crops in place of traditional varieties.
3.	Promotion of use of IPM and INM for sustainable agriculture.
4.	Promotion of horticultural crops.
5.	Promote integrated fish farming system by managing the tank/pond for Singhara cum fish cultivation increasing the productivity
	of pond/tank.
6.	Promotion of Agribase enterprises i.e. Apiculture, vermin -compost and nursery management Honey bee rearing.
7.	Promotion of seed village programme to ensure availability of quality seed at local level and at reasonable price.
8.	Promotion of Animal Husbandry/Livestock.
9.	
10.	
11.	
12.	

# 3. <u>TECHNICAL ACHIEVEMENTS</u>

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

	OFT											FLD											
No. of techn	No. of technologies tested:									No. of technologies demonstrated:													
Numb	er of OFTs			ľ	Numł	ber o	f farn	ners				Nun	ber of FLDs			N	umber	of fai	mers				
						Ac	chieve	ement										Achie	evemen	nt			
Target	Achievement	Target	SC		S	Г	Oth	ners	]	[ ota	al	Target	Achievement	Target	SC	1	S	Т	Othe	ers		Total	L
_		_	Μ	F	Μ	F	Μ	F	Μ	F	Т				М	F	Μ	F	Μ	F	Μ	F	Т
			2	-	-	-	42	-	44	-	44	186	186		40	8	-	-	13 8	8	17 8	8	18 6

	Training										Extension activities																						
Number	of Courses			Nu	mber	of Pa	rticip	ants					Number	of activities			Nu	mber	of p	articip	ants												
		evement Target				Ac	niever	nent									Achievement																
Target	Achievement		Target	Target	S	С	S	Т	Oth	ners		Tota	al		Target	Achievement	Target	S	С	S	Т	Oth	ners		Total								
			Μ	F	Μ	F	Μ	F	Μ	F	Γ	Г				Μ	F	Μ	F	Μ	F	Μ	F	Т									

Imp	pact of capacity building	Impact of Extension activities							
Number of Participants trained	Number of Trainees got employment (self/ wage/	Number of Participants	Number of participants got employment (self/ wage/						

11

																					12		
entrepreneur/ engaged as skilled manpower) attended entrepreneur/ engaged as skilled manp								ower)															
Target	Achievement	Achievement	Achievement	S	С	S	Т	Oth	ers		Total		Torrat	Achievement	S	С	S	Т	Oth	ners		Total	
Target		Μ	F	Μ	F	Μ	F	Μ	F	Т	Target	Achievement	Μ	F	Μ	F	Μ	F	Μ	F	Т		

Seed proc	luction (q.)	Planting material (in Lakh)						
Target	Achievement	Target	Achievement					
2.0ha wheat	53.0	-	0.0					
2.0 ha Paddy	21.55							

Livestock strains and fish fin	gerlings produced (in lakh)*	Soil, water, plant, manure	s samples tested (in lakh)
Target	Achievement	Target	Achievement

\* Give no. only in case of fish fingerlings

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

3.1.1Achievements on technologies assessed and refined

# OFT-1

1.       Title of On farm Trial       Potentiality of sugarcane based intercropping system.         2.       Problem diagnosed       Improper utilization of cultivable space in sugarcane at initial stage leads. economic loss to farmers.         3.       Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)       P:F – Sale crop of sugarcane.         To <sub>1</sub> : Sugarcane + green gram.       To <sub>2</sub> : Sugarcane + cowpea.         To <sub>3</sub> : Sugarcane + lady's finger       To <sub>3</sub> : Sugarcane + lady's finger         4.       Source of Technology (ICAR/ AICRP/SAU/other, please specify)       IISR, Lucknow         5.       Production system and thematic area       Cultivation of crop         6.       Performance of the Technology with performance indicators       Details given below         7.       Final recommendation for micro level situation       Sugarcane grown with Green gram proved itself outstanding combination for getting maximum yield and economic return.         8.       Constraints identified and feedback for research       Easy availability of Green gram, Cowpea and Lady's finger in sufficient quantity.         9.       Process of farmers participation and their reaction       Training, Krishak Ghosthi and field visit.					
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3.       Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)       P:F - Sale crop of sugarcane.         To <sub>1</sub> : Sugarcane + green gram.       To <sub>2</sub> : Sugarcane + cowpea.         To <sub>2</sub> : Sugarcane + lady's finger       To <sub>3</sub> : Sugarcane + lady's finger         4.       Source of Technology (ICAR/ AICRP/SAU/other, please specify)       IISR, Lucknow         5.       Production system and thematic area       Cultivation of crop         6.       Performance of the Technology with performance indicators       Details given below         7.       Final recommendation for micro level situation       Sugarcane grown with Green gram proved itself outstanding combination for getting maximum yield and economic return .         8.       Constraints identified and feedback for research       Easy availability of Green gram, Cowpea and Lady's finger in sufficient quantity.         9.       Process of farmers participation and their reaction       Training, Krishak Ghosthi and field visit.	2.	Problem diagnosed	Improper utilization of cultivable space in		
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(Mention either Assessed or Refined)To1: Sugarcane + green gram.To2: Sugarcane + cowpea.To3: Sugarcane + cowpea.To3: Sugarcane + lady's fingerTo3: Sugarcane + lady's finger4.Source of Technology (ICAR/ AICRP/SAU/other, please specify)IISR, Lucknow5.Production system and thematic areaCultivation of crop6.Performance of the Technology with performance indicatorsDetails given below7.Final recommendation for micro level situationSugarcane grown with Green gram proved itself outstanding combination for getting maximum yield and economic return .8.Constraints identified and feedback for researchEasy availability of Green gram, Cowpea and Lady's finger in sufficient quantity.9.Process of farmers participation and their reactionTraining, Krishak Ghosthi and field visit.	3.	Details of technologies selected for assessment/refinement	P:F – Sale crop of sugarcane.		
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Image: Anomal and Anomal Anoma			$To_2$ : Sugarcane + cowpea.		
4.       Source of Technology (ICAR/ AICRP/SAU/other, please specify)       IISR, Lucknow          5.       Production system and thematic area       Cultivation of crop          6.       Performance of the Technology with performance indicators       Details given below          7.       Final recommendation for micro level situation       Sugarcane grown with Green gram proved itself outstanding combination for getting maximum yield and economic return .          8.       Constraints identified and feedback for research       Easy availability of Green gram, Cowpea and Lady's finger in sufficient quantity.          9.       Process of farmers participation and their reaction       Training, Krishak Ghosthi and field visit.			To3 : Sugarcane + lady's finger		
4.       Source of Technology (ICAR/ AICRP/SAU/other, please specify)       IISR, Lucknow         5.       Production system and thematic area       Cultivation of crop         6.       Performance of the Technology with performance indicators       Details given below         7.       Final recommendation for micro level situation       Sugarcane grown with Green gram proved itself outstanding combination for getting maximum yield and economic return .       8.         8.       Constraints identified and feedback for research       Easy availability of Green gram, Cowpea and Lady's finger in sufficient quantity.       9.         9.       Process of farmers participation and their reaction       Training, Krishak Ghosthi and field visit.       6.					
AICRP/SAU/other, please specify)       Image: Constraints identified and feedback for research       Cultivation of crop         5.       Production system and thematic area       Cultivation of crop       Image: Constraints identified and feedback for research       Details given below         6.       Performance of the Technology with performance indicators       Details given below       Image: Constraints identified and feedback for research       Sugarcane grown with Green gram proved itself outstanding combination for getting maximum yield and economic return .       Image: Constraints identified and feedback for research       Easy availability of Green gram, Cowpea and Lady's finger in sufficient quantity.       Image: Constraints participation and their reaction       Image: Constraint constraints identified and feedback for research       Image: Constraint constraint constraints identified and feedback for research       Image: Constraint	4.	Source of Technology (ICAR/	IISR, Lucknow		
5.       Production system and thematic area       Cultivation of crop         6.       Performance of the Technology with performance indicators       Details given below         7.       Final recommendation for micro level situation       Sugarcane grown with Green gram proved itself outstanding combination for getting maximum yield and economic return .       8.         8.       Constraints identified and feedback for research       Easy availability of Green gram, Cowpea and Lady's finger in sufficient quantity.       9.         9.       Process of farmers participation and their reaction       Training, Krishak Ghosthi and field visit.       6.		AICRP/SAU/other, please specify)			
6.Performance of the Technology with performance indicatorsDetails given below7.Final recommendation for micro level situationSugarcane grown with Green gram proved itself outstanding combination for getting maximum yield and economic return .8.Constraints identified and feedback for researchEasy availability of Green gram, Cowpea and Lady's finger in sufficient quantity.9.Process of farmers participation and their reactionTraining, Krishak Ghosthi and field visit.	5.	Production system and thematic area	Cultivation of crop		
7.       Final recommendation for micro level situation       Sugarcane grown with Green gram proved itself outstanding combination for getting maximum yield and economic return .       8.         8.       Constraints identified and feedback for research       Easy availability of Green gram, Cowpea and Lady's finger in sufficient quantity.       9.         9.       Process of farmers participation and their reaction       Training, Krishak Ghosthi and field visit.       6	6.	Performance of the Technology with	Details given below		
7.       Final recommendation for finero level       Sugarcane grown with Green grain proved itself outstanding combination for getting maximum yield and economic return .         8.       Constraints identified and feedback for research       Easy availability of Green gram, Cowpea and Lady's finger in sufficient quantity.         9.       Process of farmers participation and their reaction       Training, Krishak Ghosthi and field visit.	7	Einel recommendation for micro level	Sugaraana grown with Groon grom proved		
8.       Constraints identified and feedback for research       Easy availability of Green gram, Cowpea and Lady's finger in sufficient quantity.         9.       Process of farmers participation and their reaction       Training, Krishak Ghosthi and field visit.	1.	situation	itself outstanding combination for getting		
8.       Constraints identified and feedback for research       Easy availability of Green gram, Cowpea and Lady's finger in sufficient quantity.         9.       Process of farmers participation and their reaction       Training, Krishak Ghosthi and field visit.		situation	maximum vield and economic return		
9.     Process of farmers participation and their reaction     Training, Krishak Ghosthi and field visit.	8	Constraints identified and feedback for	Easy availability of Green gram Cowpea		
9.       Process of farmers participation and their reaction       Training, Krishak Ghosthi and field visit.		research	and Lady's finger in sufficient quantity.		l
reaction	9.	Process of farmers participation and their	Training, Krishak Ghosthi and field visit.	-	
		reaction			I
	L	1			

# Thematic area: crop Production

Problem definition: Improper utilization of cultivable space in sugarcane at initial stage leads. economic loss to farmers. Technology assessed: Intercropping system Table:

Technology	No. of	Y	ield componer	nt	Yield (t/ha)	Yield	Cost of	Gross	Net	BC
option	trials	Germinatio	Plant	Plant		equevala	cultivation	return	return	ratio
		n %	population	height		nt		(Rs/ha)		
			$(X \ 10^{3}/ha)$	(cm)			(Rs./ha)		(Rs./ha)	
						(t/ha)				
P:F– Sale crop		42.25	83.41	1449	77.80	77.80	87,000	2,33,340	1,46,340	2.68
of sugarcane.										
	7									
To <sub>1</sub> : Sugarcane		46.81	86.22	1864	82.77	89.45	87,944	2,68,230	1,80,286	3.05
followed by										
green gram.										
	-									
To <sub>2</sub> : Sugarcane		43.35	84.55	1855	79.65	85.15	88,034	2,55,300	1,67,266	2.90
followed by										
cowpea.										

									15
To3:Sugarcane	42.89	83.91	1852	78.81	83.80	88,180	2,51,310	1,63,130	2.85
followed by									
lily, finger									
CD	0.759	0.759	-	0.050					
SE(m)	0.215	0.215	69.282	0.014					
SE(d)	0.304	0.305	97.980	0.020					

**Results:** For synthesizing the best intercropping system with sugarcane and OFT was conducted by KVK, Sheohar. The treatment consisted of pure as well as intercropping with Green gram, Cowpea and Lady's finger. Sugarcane grown with Green gram proved outstanding combination for getting maximum yield and economic return.

1.	Title of On farm Trial	Weed management in sugarcane
2.	Problem diagnosed	Lack of knowledge about suitable herbicide causing heavy loss to farmers
3.	Details of technologies selected for assessment/refinement	Farmers practice : No use of herbicide
	(Mention either Assessed or Refined)	T.O1 : Atrazine@3kg/ha as a pr-eimergence application + 2,4,D at 60 DAP.
		T.O2 : Atrazine@3kg/ha as a pre emergences application + 2,4,D at 60 DAP+carfentrazone@20g/ha at 120 DAP
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IISR, Lucknow
5.	Production system and thematic area	Weed management
6.	Performance of the Technology with performance indicators	Details given below
7.	Final recommendation for micro level situation	Use of Alrazine@3kg/ha as a pre-emergence application+ 2,4,D at 60 DAP+carfentrazone@20g/ha at 120 DAP
8.	Constraints identified and feedback for research	Easily availability of herbicide in sufficient quantity
9.	Process of farmers participation and their reaction	Farmers participated curiously & reacted positively

# Thematic area: Weed management

Problem definition: Lack of knowledge about the use of herbicide.

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Technology option	No. trials	of	Weed density (No./m <sup>2</sup> )	Weed dry (g/m <sup>2</sup> )	wt.	Plant population (X10 <sup>3</sup> /ha)	Plant height (cm)	Cane girth (cm)	Yield (t/ha)	BC ratio
P:F– No use of herbicide			186	211		96.60	249.25	2.16	71.12	3.29
To <sub>1</sub> : Atrazine@3kg/ha as a pr-emergence application + 2,4,D at 60 DAP.			27	57		82.99	263.77	2.30	78.99	3.63
T.O2 : Atrazine@3kg/ha as a pre emergences application + 2,4,D at 60 DAP+carfentrazone@ 20g/ha at 120 DAP			12	18		86.60	271.59	2.58	86.35	3.93
S.E.m+_			5.489	12.908		1.382	2.304	0.041	2.416	0.096
C.D. at 5%			16.4/1	38.726		4.321	0.315	0.126	7.250	0.287

Result : Use of herbicides significantly reduced weed infestation. Technology option- 2 Comprising Atrazine@3kg/ha as a pre emergences application + 2,4,D at 60 DAP+carfentrazone@20g/ha at 120 DAP proved the most effective treatment to reduce weed density & weed dry weight resulted higher cane yield (86.35t/ha) with maximum benefit cost ratio (3.93)

1.	Title of On farm Trial	Management of false smut in paddy
2.	Problem diagnosed	Ear head grains shows oozing in yellowish/ash colour resulting reduction in Yield & quality of paddy
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	<ul> <li>To<sub>1</sub>: Farmers Practice: No seed treatment</li> <li>To<sub>2</sub>:Seed soaking in azoxystrobin @ 1g/kg seed treated water for 24hr.</li> <li>To<sub>3</sub>:Seed priming with Hexaconazole @ 2g/kg seed &amp; early transplanting.</li> <li>To<sub>4</sub>:Foliar spray with Tebuconazole@1g/L water at booting stage.</li> </ul>
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	
5.	Production system and thematic area	Rice-Wheat, IPM
6.	Performance of the Technology with performance indicators	No. of smutted grains on earheads, yield loss
7.	Final recommendation for micro level situation	The application of Tebucanazole 1g/L at boot stage was most effective against disease where percent infected tillers was reduce up to 30 & smutted grain was 4.5. The Disease severity was list (203.75%) compare to other treatments. Results indicates that false smut disease of rice could be effectively managed by the application of Tebuconazole $50\% @0.1\%$ at boot stage.
8.	Constraints identified and feedback for research	Lack of certified seed and less awareness among farmers

#### OFT-3

9. Pro	ocess of farmers	participation	and their reaction	Training,	Training, Field visit, Diagnostic visit, Farm advisory						
Treatments	Infected t	rillers (%)	Smut balls	/panicle	Smutted gra	ains (%)	Disease sev	verity (%)			
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.			
1	51.600	13.045	10.800	3.121	6.100	2.147	822.800	119.300			
2	55.200	2.577	8.400	0.872	11.500	1.601	796.000	116.583			
3	48.800	2.437	4.600	0.510	7.250	1.075	363.750	53.409			
4	30.000	1.817	3.600	0.678	4.500	0.848	203.250	25.992			
C.D.	N/A		5.105		N/A		302.130				
SE (m)	7.141		1.639		1.711		96.979				
SE(d)	10.100		2.317		2.420		137.148				
C.V.	35.173		53.489		52.156		58.379				

**Result :**Data collected from different OFT sites it revealed that treatment  $T_{4}$  i.e. use Foliar spray with Tebuconazole@1g/L water at booting stage.Found effective to manage false smut of paddy Percent infected tillers and percent smutted grains were recorded near maturity of the crop by counting total number of infected plants & number of smutted balls. Disease incidence was calculated as percentage of infected tillers while disease severity was calculated by multiplying the percentage of infected tillers with percentage of infected grains. The application of Tebucanazole 1g/L at boot stage was most effective against disease where percent infected tillers was reduce up to 30 & smutted grain was 4.5. The Disease severity was list (203.75%) compare to other treatments. Results indicates that false smut disease of rice could be effectively managed by the application of Tebucanazole 50% @0.1% at boot stage.

<b>OFT-4</b>
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1.	Title of On farm Trial	Assessment of sowing time to escape late blight disease in potato
2.	Problem diagnosed	Lack of knowledge about suitable herbicide causing heavy loss to farmers
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (No specific period) TO 1: Sowing on 20 October TO2: Sowing on 1-5 November T.O.3: sowing on 15-20 November
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-RCER, ATARI Patna
5.	Production system and thematic area	Crop Production
6.	Performance of the Technology with performance indicators	Tuber yield, Disease incidence, Disease intensity, B:C ratio
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	Unavailability of disease free Potato seed on time Untimely sowing of potato
9.	Process of farmers participation and their reaction	Training, Field visit, Diagnostic field visit
10.	Replication	5

Thematic area: Crop production

Table :

Treatments	Tuber Yield q/ha	Disease incidence (%)	Result: Cost of cultivation	Disease intensity (Scale)(0-10)	Gross return (Rs./ha)	Net return (Rs/ha)	BC Ratio
$T_1$	-	-	-	-	-	-	-
Τ2	-	-	-	-	-	-	-
T <sub>3</sub>	-	-	-	-	-	-	-
$T_4$	-	-	-	-	-	-	-
CD at 5%	-	-	-	-	-	-	-

**Result:** Trial continuing

# OFT-5

1.	Title of On farm Trial	Intercropping with potato with vegetable for higher return.
2.	Problem diagnosed	Low yield of Potato due to severity of late blight
3.	Details of technologies selected for	T.O.1: Farmers Practice: Potato (Sole)
	assessment/refinement	T.O.2: Potato + Bottle Gourd $(4:1)$
	(Mention either Assessed or Refined)	T.O.3: Potato + Cabbage $(1:1)$
		T.O.4: Potato + Maize $(1:1)$
4.	Source of Technology (ICAR/ AICRP/SAU/other,	IGKV, Raipur
	please specify)	
5.	Production system and thematic area	Crop production
6.	Performance of the Technology with performance	Tuber yield, Yield equivalence, Plant population, Land equivalent ratio,
	indicators	B:C ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	Practice of sole cropping in Potato
9.	Process of farmers participation and their reaction	Training, Field visit, Diagnostic field visit
10.	Replication	5

Table :

Treatments	Tuber Yield q/ha	Yield equivalence	Result: Cost of cultivation	Gross return (Rs./ha)	Net Return (Rs/ha)	BC Ratio
$T_1$	-	-	-	-	-	-
$T_2$	-	-	-	-	-	-
T <sub>3</sub>	-	-	-	-	-	-
CD at 5%	-	-	-	-	-	-

Result: Trial continuing

# Thematic area: Crop production

# OFT-6

1.	Title of On farm Trial	Assessment of man power management through various method of sowing of paddy
2.	Problem diagnosed	Uneven distribution and crisis of laborers resulting in delay in transplanting and effect the yield
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	To <sub>1</sub> : Farmers Practice: Manual transplanting To <sub>2</sub> : Sowing of paddy seeds by Rice-Wheat seeder To <sub>3</sub> : Sowing of seed by Zero tillage
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Source of Technology (ICAR/AICRP/SAU/ Other, please): Punjab Agricultural University, Ludhiana, Punjab
5.	Production system and thematic area	Rice- Wheat
6.	Performance of the Technology with performance indicators	No. of efficient tillers/m2, No. of spikelet's per panicle, Test weight (1000 grains weight), Weed population/m2 at 25 days of planting/sowing, Yield (q/ha), BC ratio

7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	Uneven distribution and crisis of laborers resulting in delay in transplanting and effect the yield
9.	Process of farmers participation and their reaction	Training, Krishak Ghosthi and Field visit

#### **Result:**

**Date of sowing/transplanting:**21 June, 2021- 13 July, 2021 **Variety:** R. Sweta

Table :

	No.	Yield com	ponent		Weed	Yield q/	Cost	Gross		
	of	No. of	No. of	Test	populati	Ha	ofcultiva	return	Net return	
Tashnalasy antian	trials	effective	spikelet	<b>wt.</b>	on $/ m^2$		tio aultimati	( <b>Rs./Ha.</b> )	(Rs./Ha.)	B:C
rechnology option		tiller/ m <sup>2</sup>	per panicle	1000 grain	at 25 days of		cultivati on (Rs			
			paniete	wt.	planting/		/Ha.)cult			
					sowing		ivation			
							( <b>Rs.</b>			
							/Ha.)			
Farmer's practice									43772	
(manual transplanting)		286	69.5	17.35	19.09	38.80	31500	75272		2.38
Technology option-1								82741	57241	
Sowing of paddy seed by		351	76.4	18.36	20.85	42.65	25500			3.24
rice wheat seeder										
Technology option-2								77309	47709	
Sowing of paddy seed by	7	308	70.3	18.32	18.95	39.85	29600			2.61
zero tillage										
SEM (+/-)		10.97	2.925	0.333	-	1.798				
CD (0.5)			NA	NA		NA				

The comparative was made between Rice wheat seeder method (Technology option-1) & sowing of paddy seeds by zero tillage machine (Technology option-2) with the existing farmers practice of manual transplanting. The B:C was found maximum in case of rice wheat seeder (technology option-1). It can also solve the problem of labour scarcity as well as allow timely sowing of next crop.

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		-
1	Title of On Farm Trial	Assessment of different method of sowing for wheat
2	Problem Diagnose	Due to labour scarcity farmers are not able to sow wheat timely
3	Details of Technology selected for	F.P- (Conventional method)
	assessment/ refinement	T.O.1: Sowing of seed by zero tillage machine
		T.O.2: Sowing of wheat seed by rice wheat seeder
4	Source of Technology	DRPCAU, CAE, Pusa
5	Replication	7
6	Production System & Thematic Area	Resource conservation technology
7	Performance of Technology with	Yield attributes, B:C ratio
	performance indicator	
8	Constraints identified and feedback for	Labour scarcity
	research	
9	Process of farmers participation and their	Training, Field visit, Diagnostic field visit
	reaction	

# Result:- Trial Continuing.....

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				
2.	Livestock				
3.	Enterprises				
4.	Women Empowerment				

#### 3.2 Achievements of Frontline Demonstrations

#### A. Details of FLDs conducted during the year

#### Cereals

Sl.	Crop	Thematic area	Technology Demonstrated	Area (				Reasons for							
NO.	*		with detailed treatments	Proposed	Actual	SC		ST		Oth	ers	Tota	Total		snortfall in
1.						М	F	М	F	Μ	F	М	F	Т	acmevement
2.															
3.															
4.															
5.															

#### Details of farming situation

Sl. No.	Crop	Season	Farming situation (PE/Irrigated)	Soil type	Status of soil (Kg/ha)		Status of soil (Kg/ha)		Sowing date	Harvest date	Seasonal rainfall	No. of rainy days
			(RI/IIIgated)		Ν	$P_2O_5$	K <sub>2</sub> O				(11111)	

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	Crop Thematic Area Name of the technology	No. of	Area	Yield	(q/ha)	%	*Ec	onomics o (Rs	of demonstrat s./ha)	tion	:	*Economi (Rs	cs of check s./ha)	-	
Стор	Thematic Area	demonstrated	Farmers	(ha)	Demo	Check	Increase	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

								26
Total								

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

#### Pulses

Frontline demonstration on pulse crops

		Name of the technology	No. of	A #20	Yield	(q/ha)	0/	*Ec	conomics o	of demonstrati	ion	*Economics of check				
Crop	Thematic Area	demonstrated	Farmers	(ha)	D	C1 1	<sup>%</sup> Increase	Gross	Gross	Net	**	Gross	Gross	Net	**	
					Demo	Спеск		Cost	Return	Return	BCR	Cost	Return	Return	BCR	
	Total															

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

#### Other crops

Creat	Thematic area	Name of the	No. of	Area	Yield (	(q/ha)	% change	Ot parar	her neters	*Econom	ics of demo	onstration (H	Rs./ha)	*	Economic (Rs.	s of checl /ha)	k
Стор	Thematic area	demonstrated	Farmer	(ha)	Demons	Check	in	Demo	Check	Gross	Gross	Net	** DCD	Gross	Gross	Net	** DCD
					ration		yleid			Cost	Return	Return	DUK	Cost	Return	Return	DUK

									,	27
	Total									

### Livestock

	Thematic	Name of the	No. of	No.of	Major pa	arameters	% change	Other par	rameter	*Eco	nomics of (Ra	demonstr s.)	ation	*]	Economic (Ra	s of check s.)	ζ
Category	area	demonstrated	Farmer	units	Demons ration	Check	n major parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (Pl.specify)																	
Total																	

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

### Fisheries

Geteren	Thematic	Name of the	No. of	No.of	Major par	ameters	% change	Other pa	rameter	*Econo	mics of de	monstratic	on (Rs.)	*	Economic (R	s of check s.)	ζ.
Category	area	demonstrated	Farmer	units	Demons ration	Check	parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common																	
carps																	
Mussels																	
Ornamental																	
fishes																	

									28
Others									
(pl.specify)									
	Total								<u> </u>

\* 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

	Name of the	N f	N f	Major pa	rameters	% change	Other par	rameter	*Econo	mics of de	monstratio	on (Rs.)		*Econom	ics of cheo	зk
Category	technology demonstrated	Farmer	units	Demons	Check	in major parameter	Demons	Check	Gross	Gross	Net	** PCP	Gross	Gross Goturn	Net Net	** PCP
Oyster mushroom	Enterprise development			Tation			Tation		Cost	Ketuin	Ketuili	DCK	Cost	Ketuili	Ketuili	DCK
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																
	Total															

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

#### Women empowerment

Catagory	Name of tashnalagu	No. of domonstrations	Observat	tions	Domonto
Category	Name of technology	No. of demonstrations	Demonstration	Check	Remarks
Farm Women					
Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					
Infants					

### Farm implements and machinery Nil

Name of the	Cron	Name of the	No. of	Area	Filed obs (output/m	servation nan hour)	% change in	Labo	or reduction	on (man c	lays)	Cost	reduction Rs./Ur	(Rs./ha o nit)	or
implement	Сюр	demonstrated	Farmer	(ha)	Demons ration	Check	major parameter								

\* 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 NA

Cror	Name of the	No. of	Area	Yield (k	g/ha) / major p	arameter		Economic	s (Rs./ha)	
Сюр	Hybrid	Farmers	(ha)	Demo	Local check	% change	GrossCost	GrossReturn	NetReturn	BCR
Cereals										
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl.specify)										
Total Cereals										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl.specify)										
Total Oilseeds										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl.specify)										

							3(
Total Pulses							
Vegetable crops							
Bottle gourd							
Capsicum							
Cucumber							
Tomato							
Brinjal							
Okra							
Onion							
Potato							
Field bean							
Others (Pl.specify)							
Total Veg. Crops							
Commercial Crops							
Cotton							
Coconut							
Others (Pl.specify)							
Total Commercial Crops							
Fodder crops							
Napier (Fodder)							
Maize (Fodder)							
Sorghum (Fodder)							
Others (Pl.specify)							
Total Fodder Crops							
TT 1 ' 1 TT 11 1 (1	1 ( 1	. 1 1 .					

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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 Kharifand Rabi:

# A. Technical Parameters:

Sl.	Crop	Existing (Farmer's)	Existing yield	Yie District	ld gap (K w.r.to State	(g/ha)	Name of Variety +	Number	Area	Yield o	btained (	q/ha)	Yield	l gap min (%)	imized
No.	demonstrated	variety name	(q/ha)	yield (D)	yield (S)	Potential yield (P)	demonstrated	of farmers	in ha	Max.	Min.	Av.	D	S	Р
1.	Green gram	Local	7.0	150	250	6.5	IPM 2-3	72	20	10.75	6.25	8.5	18.75	53	-65
2.	Lentil	HUL-57	8.0	400	5500	-1000	HUL-57	50	20	16	8.0	12	28.57	35.48	-120
3.	Mustard	R. Suflam	8.5	200	400	-570	R. Suflam	<u>50</u>	20	13.20	7.8	10.5	28.57	44.12	-55

# **B.** Economic parameters

<b>S</b> 1			Farmer's Exist	ing plot	Demonstration plot					
No	Variety demonstrated & Technology demonstrated	Gross Cost	Gross return	Net Return	B:C	Gross Cost	Gross return	Net Return	B:C	
INU.	INO.		(Rs/ha)	(Rs/ha)	ratio	(Rs/ha)	(Rs/ha)	(Rs/ha)	ratio	
1.	Green gram	14200	50372	36172	3:55	15500	61166	45666	3:95	
2.	Lentil	22000	40800	18800	1:85	24000	61200	37200	2:55	
3.	Mustard	14300	42500	28200	2:97	15900	52800	36600	3:30	

# C. Socio-economic impact parameters NA

S1.	Crop and variety	Total Produce	Produce sold	Selling	Produce used	Produce	Purpose for which	Employment
No.	Demonstrated	Obtained (kg)	(Kg/household)	Rate	for own	distributed to	income gained was	Generated
				(Rs/Kg)	sowing (Kg)	other farmers	utilized	(Mandays/house
						(Kg)		hold)

# **D.** Oilseed Farmers' perception of the intervention demonstrated

S1.	Technologies	Farmers' Perception parameters											
No.	demonstrated	Suitability to	Likings	Affordability	Any negative	Is Technology	Suggestions, for						
	(with name)	their farming	(Preference)		effect	acceptable to all in the	change/improvement, if any						
		system				group/village							
1.	Mustard	yes	Excellent	Good	Nil	yes	Not now						
	Variety-												
	R.Suffam												

# E. Specific Characteristics of Technology and Performance

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

# F. Extension activities under FLD conducted:

Sl. No.	Extension Activities	Date and place of	Number of farmer
	organized	activity	attended
1	Fiel day	25.06.2021 Kahtarwa	12

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

- H. Farmers' training photographs
- I. Quality ActionPhotographs of field visits/field days and technology demonstrated.



# J. Details of budget utilization

Crop (CFLD PULSES)	Items	Budget	Budget	Balance
(provide crop wise information )		Received	Utilization	(Rs.)
		(Rs.)	(Rs.)	
1. Greengram	i) Critical input	O.B- 19492	137000	
	ii) TA/DA/POL etc. for monitoring	+	7000	
	iii) Extension Activities (Field day)	374008		
	iv)Publication of literature	(budget received)		
2. Lentil	i) Critical input		132440	
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)		624	
	iv)Publication of literature			
	Total	393500	277064	116436
Crop (CFLD OILSEEDS)	Total       Items	<b>393500</b> Budget	277064 Budget	<b>116436</b> Balance
Crop (CFLD OILSEEDS) (provide crop wise information )	Total       Items	393500 Budget Received	277064 Budget Utilization	116436           Balance           (Rs.)
Crop (CFLD OILSEEDS) (provide crop wise information )	Total       Items	393500 Budget Received (Rs.)	277064 Budget Utilization (Rs.)	116436           Balance (Rs.)
Crop (CFLD OILSEEDS) (provide crop wise information )	Total       Items       i) Critical input	393500           Budget           Received           (Rs.)           O.B- 16900	277064 Budget Utilization (Rs.) 65600	116436           Balance (Rs.)
Crop (CFLD OILSEEDS) (provide crop wise information )	Total       Items         i) Critical input       ii) TA/DA/POL etc. for monitoring	393500           Budget           Received           (Rs.)           O.B- 16900           +           79100	277064 Budget Utilization (Rs.) 65600	116436           Balance (Rs.)
Crop (CFLD OILSEEDS) (provide crop wise information ) 1. Rapeseeds and Mustard	Total         Items       Items         i) Critical input       ii) TA/DA/POL etc. for monitoring         iii) Extension Activities (Field day)	393500           Budget           Received           (Rs.)           O.B- 16900           +           79100           (budget received)	277064 Budget Utilization (Rs.) 65600	116436           Balance (Rs.)
Crop (CFLD OILSEEDS) (provide crop wise information ) 1. Rapeseeds and Mustard	Total         Items         i) Critical input         ii) TA/DA/POL etc. for monitoring         iii) Extension Activities (Field day)         iv)Publication of literature	393500           Budget           Received           (Rs.)           O.B- 16900           +           79100           (budget received)	277064 Budget Utilization (Rs.) 65600	116436           Balance (Rs.)

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

# A) Farmers and farm women (on campus)

		No. of Participants						Grand Tatal					
Thematic Area	No. of		Other			SC			ST		Gi	and To	otal
	Courses	М	F	Т	М	F	Т	М	F	Т	М	F	Т
L Crop Production													
Weed Management	1	19	0	19	2	1	3	-	-	-	-21	1	22
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Cropping Systems	_	-	_	_	_	-	-	_	_	-	_	_	-
Crop Diversification	_		_	_	_			_	_	_	_		_
Integrated Farming				_	_		_			_	_		_
Water management		_		_	_	_	_	_	_	_	-		_
Seed production	-	-	-	-	-	-	-	-	-	-	-	-	-
Numeror meno coment	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of organic inputs	1	16	0	16	4	0	4	-	-	-	20	0	20
Others, (cultivation of crops)	1	21	0	21	1	0	1	-	-	-	22	0	22
	1	19	1	20	1	0	1	-	-	-	20	1	21
	1	16	1	17	1	0	1	-	-	-	17	1	18
Fertilizer management	1	23	0	23	4	4	8	-	-	-	27	4	31
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	21	6	27	3	1	4	-	-	-	24	7	31
Water management	-	-	-	_	-	-	-	_	_	-	-	-	-
Enterprise development	_	_	_	_	_	_	_	_	_	_	_		_
Skill development		_		_	_	_	_	_	_	_	-		_
Viold increment				_	_		_			_	_	-	_
Production of low volume and high	- 1	-	-	-	-	-	-	-	-	-	-	-	-
value grops	1	23	4	27	3	1	4	-	-	-	26	5	31
Off cases was tables	1	27	2	20	7	0	7				24	2	26
Oll-season vegetables	1	27	2	29	/	0	1	-	-	-	34	2	30
Nursery raising	1	26	6	32	4	1	5	-	-	-	30	/	3/
Export potential vegetables	1	20	2	22	1	0	7	-	-	-	27	2	29
Grading and standardization	-	-	-	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses,	1	25	7	32	3	0	3	-	-	-	28	7	35
Shade Net etc.)	_				-	-							
Others, if any (Cultivation of	1	23	6	29	4	0	4	_	_	_	27	6	33
Vegetable)	1	20	Ŭ	27		Ŭ							
Training and Pruning	-	-	-	-	-	-	-	-	-	-	-	-	-
b) Fruits													
Layout and Management of Orchards	1	31	4	35	3	0	3	-	-	-	35	3	38
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	1	23	2	25	6	1	7	-	-	-	29	3	32
Export potential fruits	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	_	-	-	-	-	-	-	-	-	-	-	-	-
Others if any(INM)	-	-	-	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	_	_	_	_	_	_	_	-	_	_	_	-	
Nursery Management	-		<u> </u>		-							<u> </u>	
i vui sei y ivianagement	-		-	-	-	_	-	-	-	-	-	1 -	-

No. of Course         No. of Course         SUC         SUC        SUC												•		50
Thematic Area         Other         Image of the second sec		No of	No. of Participants			Grand Total								
M         F         T         M         F	Thematic Area	Courses		Other			SC			ST				
Management of potted plants         -<			М	F	Т	Μ	F	Т	Μ	F	Т	M	F	T
Expon potential of ornamental plants       -	Management of potted plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Propagation lectinques of Ornamental Plants       I	Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-	-	-	
Prains       Image of the second	Propagation techniques of Ornamental	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, it any         -	Plants Others if each													
0) Final atom Copys       -	Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management       -<	d) Plantation crops													<u> </u>
Itel: information of the second se	technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value audition       - <t< td=""><td>Processing and value addition</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>ł – –</td><td></td><td>┨────</td></t<>	Processing and value addition											ł – –		┨────
Others, if any         -	Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	
C) funct cops         C         <	a) Tubor groups	-	-	-	-	-	-	-	-	-	-	-	-	-
Induction and wanagement       Imagement	Production and Management													
Actinology       1       20       5       25       4       1       5       -       -       24       6         Others, if any       -       -       -       -       -       -       -       -       24       6         Objece       -	technology	-	-	-	-	-	-	-	-	-	-	-	-	-
1       1       20       3       20       4       1       5       1       1       24       0         Others, if any       -	Processing and value addition	1	20	5	25	1	1	5				24	6	30
Outers, if any       -	Others if any	1	20	5	23	4	1	5	-	-	-	24	0	50
Appendix         Image and the second se	f) Snices	-	_			-			-		-	-	+	<u> </u>
1       1	Production and Management											-	-	<u> </u>
Brocessing and value addition         -	technology	-	-	-	-	-	-	-	-	-	-		-	
Others, if any       -	Processing and value addition		-	-	-	-	-	-	-	-	-	-	-	† <u>-</u>
Others, it any       -	Others if any		_	_	_	_		_			_		_	-
b) Nursery management       -	g) Medicinal and Aromatic Plants													
Nutry management       -	S) We use and Al official C Flants			_	_	_		_	_	_	_		_	
Induction management       -	Production and management	-	-	-	-	-	-	-	-	-	-		-	-
Post-harvest technology and value	technology	-	-	-	-	-	-	-	-	-	-		_	_
10 and Hor Contrology and Value       1	Post-harvest technology and value											_	_	-
Others, if any       -	addition	-	-	-	-	-	-	-	-	-	-			
III. Soil Health and Fertility Management       - </td <td>Others if any</td> <td>-</td>	Others if any	-	-	-	-	-	-	-	-	-	-	-	-	-
Management       -	III. Soil Health and Fertility													
Soil fertility management       -<	Management													
Soil and Water Conservation       -	Soil fertility management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management       -       <	Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs       -	Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils       -	Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops       -	Management of Problematic soils	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutrient Use Efficiency       - <td>Micro nutrient deficiency in crops</td> <td>-</td>	Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing <th< td=""><td>Nutrient Use Efficiency</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></th<>	Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any<	Soil and Water Testing	-	-	-	-	-	-	-	-	-	-	-	-	-
IV. Livestock Production and ManagementImage: Constraint of the second	Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
ManagementImage: second se	IV. Livestock Production and													1
Dairy Management <td>Management</td> <td></td>	Management													
Poultry Management </td <td>Dairy Management</td> <td>-</td>	Dairy Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery Management </td <td>Poultry Management</td> <td>-</td>	Poultry Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit Management <td>Piggery Management</td> <td>-</td>	Piggery Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Disease Management </td <td>Rabbit Management</td> <td>-</td> <td><u> </u></td>	Rabbit Management	-	-	-	-	-	-	-	-	-	-	-	-	<u> </u>
Feed management     -     -     -     -     -     -     -       Production of quality animal products     -     -     -     -     -     -     -     -	Disease Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	Feed management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Production of quality animal products	-	-			-	-		-			-	[ -	<u> </u>
Others, if any Goat farming         -<	Others, if any Goat farming	-	-			-	-		-			-	[ -	<u> </u>
V. Home Science/Women	V. Home Science/Women													
empowerment	empowerment													
Household food security by kitchen	Household food security by kitchen											-	-	-
gardening and nutrition gardening	gardening and nutrition gardening	-				_			_	_	_			
Design and development of	Design and development of											-	-	-
low/minimum cost diet	low/minimum cost diet	-	-		_	-	-	_	-	_	-			
Designing and development for high	Designing and development for high	_	_							_		-	-	-
nutrient efficiency diet	nutrient efficiency diet	=										L		$\square$
Minimization of nutrient loss in   - <th< td=""><td>Minimization of nutrient loss in</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td><u> -</u></td></th<>	Minimization of nutrient loss in	-	-	-	-	-	-	-	-	-	-	-	-	<u> -</u>
		1											57	
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	No. of		0.1	N	o. of l	Particip	pants	1	0TT		Gı	rand To	otal	
Thematic Area	Courses	м	Other	т	м	SC E	т	м	51	т	м	Б	т	
processing		IVI	Г	1	IVI	Г	1	IVI	Г	1	IVI	Г	1	
Gender mainstreaming through SHGs	_	-	_	_	-	-	_	_	-	-	_	_	_	
Storage loss minimization techniques	_	_	_	_	_	_	-	_	-	-	_	-	_	
Enterprise development	_	_	-	-	-	-	-	-	-	-	-	-	_	
Value addition	_	_	-	-	-	-	-	-	-	-	-	-	_	
Income generation activities for											-	-	_	
empowerment of rural Women	-	-	-	-	-	-	-	-	-	-				
Location specific drudgery reduction		1					1				-	-	-	
technologies	-	-	-	-	-	-	-	-	-	-				
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-	
Capacity building	-	-	-	-	-	-	-	-	-	-	-	-	-	
Women and child care	-	-	-	-	-	-	-	-	-	-	-	-	-	
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-	
VI.Agril. Engineering														
Installation and maintenance of micro	2	40	2	40	2		2				40	2	00	
irrigation systems	2	40	2	42	2	-	2	-	-	-	42	2	88	
Use of Plastics in farming practices	2	20		20	15		15				45			
	3	30	-	30	15	-	15	-	-	-	45	-	135	
Production of small tools and	1	25	2	27	10		10				45	2	47	
implements	1	35	2	37	10	-	10	-	-	-	45	2	47	
Repair and maintenance of farm	2	45	2	47	4		4				49	2		
machinery and implements	3	45	2	47	4	-	4	-	-	-			135	
Small scale processing and value											-	-	-	
addition	-	-	-	-	-	-	-	-	-	-				
Post-Harvest Technology	1	45	2	47	3	-	3	-	-	-	47	2	49	
Others, if any	2	40	2	42	2	-	2	-	-	-	42	2	44	
VII. Plant Protection														
Integrated Pest Management	1	23	0	25	2	0	2	-	-	-	25	0	25	
	1	30	0	35	5	0	5	-	-	-	35	0	35	
	1	27	0	27	7	8	15	-	-	-	34	8	42	
	1	11	0	11	1	2	3	-	-	-	12	2	14	
	1	38	0	38	7	0	7	-	1	-	45	0	45	
Integrated Disease Management	1	18	0	18	0	1	1	-	-	-	18	1	19	
	1	25	0	25	0	3	3	-	-	-	25	3	28	
	1	10	0	10	2	1	3	-	-	-	12	1	13	
Integrated Disease Management	-	-	-	-	-	-	-	-	1	-	-	-	-	
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	1	-	-	-	-	
Production of bio control agents and											-	-	-	
bio pesticides	-	-	-	-	-	-	-	-	-	-				
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII. Fisheries														
Integrated fish farming	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carp breeding and hatchery											-	-	-	
management	-	-	-	-	-	-	-	-	-	-				
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-	
Composite fish culture & fish disease	-	-	-	-	-	-	-	-	-	-	-	-	-	
Fish feed preparation & its application											-	-	-	
to fish pond, like nursery, rearing &	-	-	-	-	-	-	-	-	-	-				
stocking pond														
Hatchery management and culture of	_	_	_	_		_	_		_	_	-	-	-	
freshwater prawn	-													
Breeding and culture of ornamental	_	-	-	_	-	_	-	-	-	_	-	-	-	
fishes														
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	-	-	-	
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-	
Edible oyster farming	-	-	-	-	-	-	-	-	-	-	-	-	-	

<u> </u>				N		D							50
	No. of		0.1	N	0. Of I	Particip	oants	1	ст		Gr	and To	otal
Thematic Area	Courses	М	Other	т	м	<u>SC</u>	т	м	51	т	м	Б	т
Poorl culture		M	Г	1	M	F	1	M	Г	1	IVI	Г	1
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
IX Production of Inputs at site	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed Production	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production		-	-	_	_	-	_	-	-	-	-	-	-
Bio-agents production		-	-	_	_	-	_	-	-	-	-	-	-
Bio-nesticides production		_	_	_	_		_		_	_	_	_	_
Bio-fertilizer production		_	_	_	_		_	_	_	_	_	_	_
Vermi-compost production		_	_	_	_	_	_	_	_	_	_	_	
Organic manures production		_	_	_	_	_	_	_	_	_	_	_	
Production of fry and fingerlings	_	_	_	_	-	-	-	_	-	-	_	_	_
Production of Bee-colonies and wax											_	-	_
sheets	-	-	-	-	-	-	-	-	-	-			
Small tools and implements	_	-	-	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and											-	-	-
fodder	-	-	-	-	-	-	-	-	-	-			
Production of Fish feed	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
X. Capacity Building and Group													
Dynamics													
Leadership development	-	-	-	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	1	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	1	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	1	-	-	-	-	-	-	-
Entrepreneurial development of											-	-	-
farmers/youths	-	-	_	-	-	-	-	-	-	-			
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-	-	-	-
XII. Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	4	117	14	131	34	1	35	-	-	-	151	15	166

## **B)** Rural Youth (on campus)

	N. C			N	o. of l	Particip	oants				C	and Ta	tal
Thematic Area	NO. OI		Other			SC			ST		G		tai
	Courses	М	F	Т	Μ	F	Т	М	F	Т	М	F	Т
Mushroom Production	1	0	16	16	-	-	-	-	-	-	0	16	16
Mushroom Production	1	19	0	19	-	-	-	-	-	-	19	-	19
Bee-keeping	1	-	24	26	2	8	10	-	-	-	2	24	26
Bee-keeping	1	8	4	12	2	4	6	-	-	-	10	8	18
Integrated farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	1	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable	_	_	_	_		_	_	_	_	_	-	-	-
crops	-	_	_	_	_	-	-	_	_	_			
Commercial fruit production	-	-	-	-	-	-	-	-	-	-	-	-	-

													57
	No. of			N	o. of l	Particip	oants				Gr	and To	tal
Thematic Area	Courses		Other			SC			ST		UI UI	and 10	tai
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Repair and maintenance of farm											-	-	-
machinery and implements	-	-	-	-	-	-	-	-	-	-			
Nursery Management of Horticulture											-	-	-
crops	-	-	-	-	-	-	-	-	-	-			
Training and pruning of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing	_	-	-	-	_	-	-	_	_	-	-	-	-
technology													
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-Harvest Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

## C) Extension Personnel (on campus)

	No. of			N	o. of l	Particip	oants				Gr	and To	tal
Thematic Area	INO. 01		Other			SC			ST		01	and To	lai
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Productivity enhancement in field											-	-	-
crops	-	-	-	-	-	-	-	-	-	-			
Value addition	1	26	2	28	5	0	5	-	-	-	31	2	33
Integrated Pest Management	1	38	2	40	3	0	3	-	-	-	41	2	43
Integrated Nutrient management													
Rejuvenation of old orchards	1	27	2	29	2	-	2	-	-	-	29	2	31
Protected cultivation technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	1	46	5	51	7	-	7	I	I	-	53	5	58
Information networking among farmers	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	1	51	8	59	12	-	12	-	-	-	63	8	71
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-	-	-	-

													40
	N. of			N	o. of l	Partici	pants				Cr	and To	tal
Thematic Area	NO. 01		Other			SC			ST		GI	and To	lai
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
Women and Child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	_	-	_	-	_	-	-	-	-	-	-	-

## **D**) Farmers and farm women (off campus)

	No. of			N	o. of l	Particip	oants				G	and To	tol
Thematic Area	NO. 01		Other			SC			ST		G	and re	nai
	Courses	Μ	F	Т	М	F	Т	Μ	F	Т	Μ	F	Т
I. Crop Production													
Weed Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	1	20	0	20	2	2	4	-	-	-	22	2	24
	1	18	0	18	2	0	2	-	-	-	20	0	20
	1	20	0	20	0	0	0	-	-	-	20	0	20
	1	21	1	22	0	0	0	-	-	-	21	1	22
Cropping Systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Water management	1	14	03	17	0	0	0	-	-	-	14	3	17
	1	21	0	21	0	0	0	-	-	-	21	0	21
Seed production	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Fodder production	1	17	0	17	3	0	3	-	-	-	20	0	20
	1	11	3	14	6	0	6	-	-	-	17	3	20
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, (cultivation of crops)	1	18	0	18	2	0	2	-	-	-	20	0	20
	1	17	0	17	0	0	0	-	-	-	17	0	17
	1	17	0	17	0	2	2	-	-	-	17	2	19
	1	16	0	16	0	2	2	-	-	-	16	2	18
	1	25	0	25	4	6	10	-	-	-	19	6	25
	1	20	0	20	2	0	2	-	-	-	22	0	22
	1	20	0	20	3	0	3	-	-	-	23	0	23
	1	13	0	13	2	0	2	-	-	-	15	0	15
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	1	24	2	26	2	2	4	-	-	-	26	4	30
Water management	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Skill development	-	-	-	-	-	-	-	-	-	-	-	-	-
Yield increment	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of low volume and high	1	25	5	20	7	10	17				20	10	40
value crops		25	5	30	/	10	1/	-	-	-	30	12	42
Off-season vegetables	2	25	5	30	7	10	17	-	-	-	30	12	42
Nursery raising	1	24	3	27	4	-	4	-	-	-	28	3	31
Export potential vegetables													
Grading and standardization	1	24	2	26	2	2	4	-	-	-	26	4	30
Protective cultivation (Green Houses,	1	24	2	26	0	1	0				20	2	25
Shade Net etc.)	1	24	2	26	ð	1	9	-	-	-	52	5	55
Others, if any (Cultivation of	1	25	5	20	7	10	17				20	12	42
Vegetable)	1	23	5	50	/	10	1/	_	_	_	50	12	42

													41
	Nf			Ν	o. of l	Particip	oants				C		4 n 1
Thematic Area	NO. OI		Other			SC			ST		Gf	and To	tai
	Courses	М	F	Т	М	F	Т	М	F	Т	М	F	Т
Training and Pruning	-	-	-	-	-	-	-	-	-	-	-	-	-
b) Fruits	-	-	-	-	-	-	-	-	-	-	-	-	-
Layout and Management of Orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Cultivation of Fruit	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of young plants/orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any(INM)	_	-	-	-	-	-	-	-	-	-	-	-	-
c) Ornamental Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of potted plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Export potential of ornamental plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Propagation techniques of Ornamental											-	-	-
Plants	-				_					_			
Others, if any	_	-	-	-	-	-	-	_	-	-	-	-	-
d) Plantation crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management											-	-	-
technology	-	-	-	-	-	-	-	-	-	-			
Processing and value addition	_	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
e) Tuber crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management											-	-	-
technology	-	-	-	-	-	-	-	-	-	-			
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
f) Spices	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management											-	-	-
technology	-	-	-	-	-	-	-	-	-	-			
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	_	-	-	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	_	_	-	_	-	-	-	-	-	-	-
Production and management											-	-	-
technology	-	-	-	-	-	-	-	-	-	-			
Post-harvest technology and value											-	-	-
addition	-	-	-	-	-	-	-	-	-	-			
Others, if any	_	-	-	-	-	-	-	-	-	-	-	-	-
III. Soil Health and Fertility											-	-	-
Management	-	-	-	-	-	-	-	-	-	-			
Soil fertility management	_	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	_	_	-	_	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils		_	_	_	-	_	_	-	-	-	_	_	-
Micro nutrient deficiency in crops	_	-	_	_	_	_	-	_	-	-	-	-	_
Nutrient Use Efficiency		-	-	_	_	-	-	-	-	-	-	-	
Soil and Water Testing	-	_			_						-	-	
Others if any	-												_
IV Livestock Draduation and	-	-	-	-	-	-	-	-	-	-	-	-	-
Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairy Management													
Daily Wanagement	-	-		-	-		-	-	-	-	-	-	-
routiny Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Pathit Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Kabbit Management	-	-	-	-	-	-	-	-	-	-	-	-	-

				N	o of l	Particir	ante						
Thematic Area	No. of		Other	11	0.011	SC	Jants		ST		Gr	and To	otal
Thomato Thou	Courses	М	F	Т	М	F	Т	М	F	Т	М	F	Т
Disease Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Feed management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any Goat farming	-	-	-	-	-	-	-	-	-	-	-	-	-
V. Home Science/Women											-	-	-
empowerment	-	-	-	-	-	-	_	-	_	-			
Household food security by kitchen	-	-	_	-	-	-	-	-	_	-	-	-	-
gardening and nutrition gardening													
Design and development of	-	-	-	-	-	-	-	-	-	-	-	-	-
low/minimum cost diet													
Designing and development for high	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutrient efficiency diet													
minimization of nutrient loss in	-	-	-	-	-	-	-	-	-	-	-	-	-
Gonder mainstreaming through SHCs			-										
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Income generation activities for	-	-	-	-	-	-	-	-	-	-	-	-	-
empowerment of rural Women	-	-	-	-	-	-	-	-	-	-	-	-	-
Location specific drudgery reduction											_	-	_
technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	_	_	_	_	-	_	_	-	-	_	_	_	_
Capacity building	_	-	_	-	-	-	-	-	-	-	-	-	_
Women and child care	_	-	_	-	-	-	-	-	-	-	-	-	_
Others if any	_	-	_	-	-	-	-	-	-	-	-	-	_
VI.Agril, Engineering	_	-	_	-	-	-	_	_	-	-	-	-	_
Installation and maintenance of micro						_							
irrigation systems	2	75	18	93	27	7	34	-	-	-	102	25	127
Use of Plastics in farming practices	1	77	10	87	27	-	27	-	-	-	104	10	114
Production of small tools and	2	65	20	07		0	0				65	20	0.4
implements	3	65	20	87	-	9	9	-	-	-	65	29	94
Repair and maintenance of farm	2	61	16	70	24		24				70	16	04
machinery and implements	2	04	10	70	24	-	24	-	-	-	/8	10	94
Small scale processing and value	2	75	19	03	27	7	34				102	25	127
addition	2	75	10	93	21	1	54	-	-	-	102	23	127
Post-Harvest Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
VII. Plant Protection													
Integrated Pest Management	1	24	0	24	2	0	2	-	-	-	26	0	26
Integrated Disease Management	1	33	0	33	8	0	8	-	-	-	41	0	41
Bio-control of pests and diseases	1	28	0	28	12	8	20	-	-	-	40	8	48
Production of bio control agents and	1	15	0	15	4	2	6	-	-	-	19	2	21
bio pesticides		20	- -			_	-				17	-	
Others, if any	1	38	0	38	9	0	9	-	-	-	47	0	47
	1	25	0	25	0	l r	1	-	-	-	25	1	26
	1	32	0	32	0	5	5	-	-	-	32	1	39
	1	14	0	14	4	1	5	-	-	-	18		19
	1	21	0	21	27	3	8	-	-	-	26	3	29
	1	25	0	25	/	3	10	-	-	-	32	5	35
	1	10	5	21	4	3	/	-	-	-	20	8	28
	1	21 16	0	21	) 0	4	9	-	-	-	20	4	3U 26
	1	10	2	21 10	0	7	10	-	-	-	24 16	12	21
VIII Fisherics	1	11	0	19	5	/	12	-	-	-	10	13	51
Integrated fish farming			<u> </u>										$\left  - \right $
Carp breeding and batchery	_	-	-		-		_	<u> </u>	-	-		-	
Carp breeding and natchery	-	-	<u> </u>	-	-	-	-	-	-	-	-	-	-

		Γ									r		
	No. of			N	o. of l	Particip	oants				Gr	and To	tal
Thematic Area	Courses		Other			SC			ST		01		, tui
	courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	M	F	Т
management													
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture & fish disease	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish feed preparation & its application											-	-	-
to fish pond, like nursery, rearing &	-	-	-	-	-	-	-	-	-	-			
stocking pond													
Hatchery management and culture of	-	-	_	-	-	_	-	_	-	_	-	-	-
freshwater prawn													
Breeding and culture of ornamental	-	-	_	-	-	-	-	-	-	-	-	-	-
fishes													
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Edible oyster farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
IX. Production of Inputs at site													
Seed Production	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-agents production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-pesticides production	-	-	-	-	-	-	-	-	-	-	-	-	-
Bio-fertilizer production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-compost production	-	-	-	I	1	-	-	1	I	-	-	-	-
Organic manures production	-	-	-	I	1	-	-	1	I	-	-	-	-
Production of fry and fingerlings	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Bee-colonies and wax											-	-	-
sheets	-	-	-	-	-	-	-	-	-	-			
Small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and											-	-	-
fodder	-	-	-	-	-	-	-	-	-	-			
Production of Fish feed	-	-	-	I	1	-	-	1	I	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
X. Capacity Building and Group													
Dynamics													
Leadership development	-	-	-	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	I	1	-	-	1	I	-	-	-	-
Formation and Management of SHGs	-	-	-	I	1	-	-	1	I	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of											-	-	-
farmers/youths	-	-	-	-	-	-	-	-	-	-			
WTO and IPR issues	-	-		_				_	_	_	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry	-	-	-	-	-	-	-	-	-	-	-	-	-
Production technologies	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-	-	-	-
XII. Others (Pl. Specify)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL													

## E) RURAL YOUTH (Off Campus)

	No. of			No	o. of P	articij	pants					Grand	Total
Thematic Area	NO. 01		Other			SC			ST			Granu	Total
	Courses	Μ	F	Т	Μ	F	Т	М	F	Т	М	F	Т
Mushroom Production													

Γ	1	1			6.5						1		
	No. of		0.1	No	o. of P	artici	pants	1	CTT.		-	Grand	Total
Thematic Area	Courses	м	Other	Г Т	м	SC E	т	м	51 E	т	м	F	т
Bee-keeping		IVI	Г	1	IVI	Г	1	IVI	Г	1	IVI	1.	1
Integrated farming		16	0	16	2	2	4	-	-	-	18	2	20
Seed production	_	-	-	-	-	-	-	_	-	_	-	-	-
Production of organic inputs	_	-	-	_	-	-	-	-	-	-	_	-	-
Integrated Farming	_	-	-	_	-	-	-	-	-	-	_	-	-
Planting material production	_	-	-	_	_	-	_	_	-	-	_	-	_
Vermi-culture	-	-	-	-	_	_	_	_	_	_	-	-	_
Sericulture	-	-	-	-	_	-	-	_	-	-	-	-	_
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	1	25	5	30	5	2	7	-	-	-	30	7	37
Repair and maintenance of farm machinery and implements	2	51	4	55	3	2	5	-	-	-	54	6	60
Nursery Management of Horticulture crops	1	20	2	22	4	2	6	-	_	-	24	4	28
Training and pruning of orchards													
Value addition		11	3	14	2	4	6	-	-	-	13	7	20
		17	3	20	0	0	0	-	-	-	17	3	20
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairying	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Quail farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Freshwater prawn culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish harvest and processing technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Small scale processing	-	-	-	-	-	-	-	-	-	-	-	-	-
Post-Harvest Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Tailoring and Stitching	-	-	-	-	-	-	-	-	-	-	-	-	-
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	7	140	17	157	16	12	28	-	-	-	156	29	185

# F) Extension Personnel (Off Campus)

	No. of			No	o. of P	articij	pants				C	and T	ata1
Thematic Area	INO. 01		Other			SC			ST		GI	and To	Jiai
	Courses	М	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Productivity enhancement in field											-	-	-
crops	-	-	-	-	-	-	-	-	-	-			
Integrated Pest Management	-	-	-	-	-	I	I	-	1	I	-	-	-

	1										1		-15
	No. of		0.1	No	o. of P	artici	pants		C TT		Gı	and To	otal
Thematic Area	Courses	М	Other	r T	м	<u>SC</u>	т	м	ST	т	м	Б	т
Integrated Nutrient management	1	M 16	F 0	1 16	M 3	F 0	1	M	Г	1	19 19	F 0	10 10
Rejuvenation of old orchards	-	-	-	-	-	-	-	-	-	_	-	-	-
Protected cultivation technology	1	38	2	40	2	-	2	-	-	-	40	2	42
Formation and Management of SHGs	_	-	_	-	_	-	_	-	-	-	-	-	-
Group Dynamics and farmers organization	-	-	-	-	-	-	-	-	-	-	-	-	-
Information networking among farmers	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	1	65	2	67	-	-	-	-	-	-	65	2	67
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop intensification	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	3	119	4	123	5	0	5	-	-	-	124	4	128

## G) Consolidated table (ON and OFF Campus)

## i. Farmers& Farm Women

	N	No. of Participants									C		- <u>4 - 1</u>
Thematic Area	NO. 01		Other			SC			ST		Gr	and I (	nai
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
I. Crop Production													
Weed Management		19	0	19	2	1	3	-	-	-	-21	1	22
Resource Conservation Technologies		20	0	20	2	2	4	-	-	-	22	2	24
		18	0	18	2	0	2	-	-	-	20	0	20
		20	0	20	0	0	0	-	-	-	20	0	20
		21	1	22	0	0	0	-	-	-	21	1	22
Cropping Systems		-	-	-	-	-	-	-	-	-	-	-	-
Crop Diversification		-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming		-	-	-	-	-	-	-	-	-	-	-	-
Water management		14	03	17	0	0	0	-	-	-	14	3	17
		21	0	21	0	0	0	-	-	-	21	0	21
Seed production		-	-	-	-	-	-	-	-	-	-	-	-
Nursery management		-	-	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management		-	-	-	-	-	-	-	-	-	-	-	-
Fodder production		17	0	17	3	0	3	-	-	-	20	0	20
		11	3	14	6	0	6	-	-	-	17	3	20
Production of organic inputs		16	0	16	4	0	4	-	-	-	20	0	20
Others, (cultivation of crops)		21	0	21	1	0	1	-	-	-	22	0	22
		19	1	20	1	0	1	-	-	-	20	1	21
		16	1	17	1	0	1	-	-	-	17	1	18

		1		N		<b>D</b>					1		
Thomatic Area	No. of		Othar	N	0. 0I I	Particip	bants		бŢ		Gra	and To	otal
Thematic Area	Courses	м	E	т	м		т	м	51	т	м	Б	т
		1VI 22	Г 0	1	111	Г 	1 Q	IVI	Г	1	27	<u>Г</u> 4	1 31
		18	0	18	4	4	0	-	-	-	27	4	20
		10	0	17	2	0	2	-	-	-	20	0	20
		17	0	17	0	2	2	-	-	-	17	2	17
		16	0	17	0	2	2	-	-	_	17	2	19
		25	0	25	4	6	10	-	-	_	10	6	25
		20	0	20	2	0	2	-	-	_	22	0	23
		20	0	20	3	0	3				22	0	22
		13	0	13	2	0	2	_	_	_	15	0	15
TOTAL		418	10	428	48	22	70	-	-	-	466	32	498
II. Horticulture		-110	10	120	10		70				100		420
a) Vegetable Crons													
Integrated nutrient management	3	18	2	20	17	_	17	-	-	-	35	2	37
Water management	-	-	-	-	-	_	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	_	-	-	-	_	-	-	-
Skill development	-	-	-	-	-	-	-	-	-	-	-	-	-
Yield increment	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of low volume and high								-	-		-	-	-
value crops	-	-	-	-	-	-	-	-	-	-			
Off-season vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery raising	2	30	9	39	10	7	17	-	-	-	40	16	56
Exotic vegetables like Broccoli	3	18	2	20	17	-	17	-	-	-	35	2	37
Export potential vegetables	2	30	9	39	10	7	17	-	-	-	40	16	56
Grading and standardization	3	18	2	20	17	-	17	-	-	-	35	2	37
Protective cultivation (Green Houses,	2	20	0	20	10	7	17				40	16	56
Shade Net etc.)		30	9	39	10	/	17	-	-	-			
Others, if any (Cultivation of	3	10	2	20	17		17				35	2	37
	-	10											
Vegetable)		18	2	20	1/	-	1/	-	-	-			
Vegetable) TOTAL	18	18 162	2 35	20 197	17 98	- 21	17 102	-	-	-	225	54	279
Vegetable) TOTAL <b>b) Fruits</b>	18	18 162	2 35	20 <b>197</b>	17 98	- 21	17 102	-	-	-	225	54	279
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning	-	18 162 -	2 35 -	20 197 -	- 17	- 21	17 102 -	-	-	-	225	<b>54</b> -	279
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards	- -	18 162 - -	2 35 - -	20 197 - -	- -	- 21 - -	- -	-	-	- - -	225 - -	- -	279 - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit	- - -	18 162 - -	2 35 - -	20 197 - - -	- - -	- 21 - -	17 102 - - -	-	-	- - - -	225 - - -	- - -	279 - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards	- - - -	18 162 - - - -	2 35 - - - -	20 197 - - - -	- - - -	- 21 - - -	17 102 - - - -	-	-	- - - -	225 - - - -	- - - -	279 - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards	- - - - -	18 162 - - - - -	2 35 - - - -	20 197 - - - - -	- - - - -	- 21 - - - -	- - - - -	-	-	- - - -	225 - - - - -	54 - - - - -	279 - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits	- - - - - - -	18 162 - - - - - - - - -	2 35 - - - - - -	20 <b>197</b> - - - - - -	- - - - - -	- 21 - - - - - -	17 102 - - - - - - -	-	-	- - - - -	225 - - - - - - -	54 - - - - - -	279 - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards	- - - - - - - -	18 162 - - - - - - - - -	2 35 - - - - - - - -	20 <b>197</b> - - - - - - -	- - - - - - - - -	- 21 - - - - - - -	- - - - - - - - -	-	- - - - - - -	- - - - - - -	225 - - - - - - -	54 - - - - - - - -	279 - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques	- - - - - - - - - - -	18 162 - - - - - - - - -	2 35 - - - - - - - - - - -	20 <b>197</b> - - - - - - - - - -	- - - - - - - - - - -	- 21 - - - - - - - - - -	17 102 - - - - - - - - - - -	- - - - - - - - - - - -	-	- - - - - - - - - - - - -	225 - - - - - - - - -	54 - - - - - - - - - -	279 - - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM)	- - - - - - - - - - - - -	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - -	20 <b>197</b> - - - - - - - - - - -	- - - - - - - - - - - -	- 21 - - - - - - - - - -	17 102 - - - - - - - - - - -	- - - - - - - - - - - - - - -	-	- - - - - - - - - - - - - - - - -	225 - - - - - - - - - -	54 - - - - - - - - - - - -	279 - - - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL	- - - - - - - - - - - - - - -	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - -	20 <b>197</b> - - - - - - - - - - - - -	- - - - - - - - - - - - - -	- 21 - - - - - - - - - - -	17 102 - - - - - - - - - - - - - -	-	-	- - - - - - - - - - - - - - - - - - -	225 - - - - - - - - - - - - -	54 - - - - - - - - - - - - -	279 - - - - - - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b>	- - - - - - - - - - - - -	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - -	20 <b>197</b> - - - - - - - - - - - - -	- - - - - - - - - - - - - -	- 21 - - - - - - - - - - -	17 102 - - - - - - - - - - - - -	-	- - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - -	225 - - - - - - - - - - - - -	54 - - - - - - - - - - - - - -	279 - - - - - - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management	- - - - - - - - - - - - - - -	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - - - - - - -	20 <b>197</b> - - - - - - - - - - - - -	- - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	225 - - - - - - - - - - - - -	54 - - - - - - - - - - - - - - - -	279 - - - - - - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management Management of potted plants	- - - - - - - - - - - - - - - - - - -	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - - - - - - -	20 <b>197</b> - - - - - - - - - - - - -	17 98 - - - - - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	-	- - - - - - - - - - - - - - - - - - -	225 - - - - - - - - - - - - -	54 - - - - - - - - - - - - - - - - - - -	279 - - - - - - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management Management of potted plants Export potential of ornamental plants	18 	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - - - - - - -	20 <b>197</b> - - - - - - - - - - - - -	17 98 - - - - - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	225 - - - - - - - - - - - - -	54 - - - - - - - - - - - - - - - - - - -	279 - - - - - - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental	18 - - - - - - - - - - - - - - - - - - -	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - - - - - - -	20 <b>197</b> - - - - - - - - - - - - -	17 98 - - - - - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	225 - - - - - - - - - - - - -	54 - - - - - - - - - - - - - - - - - - -	279 - - - - - - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others	18 - - - - - - - - - - - - - - - - - - -	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - -	20 <b>197</b> - - - - - - - - - - - - -	17 98 - - - - - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -		- - - - - - - - - - - - - - - - - - -	225 - - - - - - - - - - - - -	54 - - - - - - - - - - - - - - - - - - -	279 - - - - - - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any	18 - - - - - - - - - - - - - - - - - - -	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - -	20 <b>197</b> - - - - - - - - - - - - -	17 98 - - - - - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -		- - - - - - - - - - - - - - - - - - -	225 - - - - - - - - - - - - -	54 - - - - - - - - - - - - - - - - - - -	279 - - - - - - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any TOTAL Di Management of potted plants	18 	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - -	20 197 - - - - - - - - - - - - -	17 98 - - - - - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -		225 - - - - - - - - - - - - -	54 - - - - - - - - - - - - - - - - - - -	279 - - - - - - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any TOTAL <b>d) Plantation crops</b>	18 	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - -	20 197 - - - - - - - - - - - - -	17 98 - - - - - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -				225 - - - - - - - - - - - - -	54 - - - - - - - - - - - - - - - - - - -	279 - - - - - - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any TOTAL <b>d) Plantation crops</b> Production and Management	18 	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - -	20 197 - - - - - - - - - - - - -	17 98 - - - - - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	225 	54 - - - - - - - - - - - - - - - - - - -	279 - - - - - - - - - - - - -
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any TOTAL <b>d) Plantation crops</b> Production and Management technology	18 	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - -	20 197 - - - - - - - - - - - - -	17 98 - - - - - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -				225 	54 - - - - - - - - - - - - - - - - - - -	279 
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any TOTAL <b>d) Plantation crops</b> Production and Management technology Processing and value addition	18 - - - - - - - - - - - - -	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - -	20 197 - - - - - - - - - - - - -	17 98 - - - - - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -				225 	54 - - - - - - - - - - - - - - - - - - -	279 
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any TOTAL <b>d) Plantation crops</b> Production and Management technology Processing and value addition Others, if any	18 - - - - - - - - - - - - -	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - -	20 197 - - - - - - - - - - - - -	17 98 - - - - - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -			225 	54 	279 
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any TOTAL <b>d) Plantation crops</b> Production and Management technology Processing and value addition Others, if any TOTAL	18 	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - -	20 197 - - - - - - - - - - - - -	17 98 - - - - - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -			225 	54 	279 
Vegetable) TOTAL <b>b) Fruits</b> Training and Pruning Layout and Management of Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Others, if any(INM) TOTAL <b>c) Ornamental Plants</b> Nursery Management Management of potted plants Export potential of ornamental plants Propagation techniques of Ornamental Plants Others, if any TOTAL <b>d) Plantation crops</b> Production and Management technology Processing and value addition Others, if any TOTAL <b>e) Tuber crops</b>	18 	18 162 - - - - - - - - - - - - -	2 35 - - - - - - - - - - - - -	20 197 - - - - - - - - - - - - -	17 98 - - - - - - - - - - - - - - - - - -	- 21 - - - - - - - - - - - - - - - - - -	17 102 - - - - - - - - - - - - -				225         -         <	54 	279 

													47
	No. of			N	o. of l	Particip	ants				Cr	and T	atal
Thematic Area	INO. 01 Courses		Other			SC			ST		Gra	and To	otai
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
technology													
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
f) Spices													
Production and Management	_	_	_	_	_	-	_	-	-	_	-	-	-
technology													
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
g) Medicinal and Aromatic Plants													
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and management	_	_	_	_	_	-	-	-	-	_	-	-	-
technology												ļ	
Post harvest technology and value	-	-	-	-	-	-	-	-	-	-	-	-	-
addition												ļ	
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
III. Soil Health and Fertility													
Management													
Soil fertility management	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Management of Problematic soils	-	-	-	-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutrient Use Efficiency	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil and Water Testing	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
IV. Livestock Production and													
Management													
Dairy Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Disease Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Feed management	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any (Goat farming)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
V. Home Science/Women													
empowerment													
Household food security by kitchen	-	-	-	-	-	-	-	-	-	-	-	-	-
gardening and nutrition gardening													
Design and development of	-	-	-	-	-	-	-	-	-	-	-	-	-
low/minimum cost diet													
Designing and development for high	-	-	-	-	-	-	-	-	-	-	-	-	-
Minimization of matrices land													$\left  - \right $
Minimization of nutrient loss in	-	-	-	-	-	-	-	-	-	-	-	-	-
Conder mainstreaming the set SUC													$\left  - \right $
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Storage loss minimization techniques	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
Income generation activities for	-	-	-	-	-	-	-	-	-	-	-	-	-
empowerment of rural women													

													48
	No. of			N	o. of I	Particip	ants				Cm	md T	stol
Thematic Area	NO. 01		Other			SC			ST		Gra	ind I (	otai
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
Location specific drudgery reduction	_	_	-	-	_	_	_	_	_	-	-	-	-
technologies													
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
IUIAL	-	-	-	-	-	-	-	-	-	-	-	-	-
VI.Agril. Engineering													
Installation and maintenance of micro	4	75	18	93	17	7	24	-	-	-	92	42	134
Use of Plastics in farming practices	1	100	12	116	16		16				120	12	132
Production of small tools and	4	109	12	110	10	-	10	-	-	-	120	12	132
implements	4	82	15	97	15	8	23	-	-	-	97	23	120
Repair and maintenance of farm													
machinery and implements	2	89	18	107	28	-	28	-	-	-	117	18	135
Small scale processing and value											-	-	-
addition	-	-	-	-	-	-	-	-	-	-			
Post-Harvest Technology	2	32	-	32	8	-	8	-	-	-	40	-	40
Others, if any	2	28	5	33	12	1	13	-	-	-	40	6	46
TOTAL	18	415	68	478	96	16	112				506	101	607
VII. Plant Protection													
Integrated Pest Management	1	23	0	25	2	0	2	-	-	-	25	0	25
Integrated Disease Management	1	30	0	35	5	0	5	-	-	-	35	0	35
Bio-control of pests and diseases	1	27	0	27	7	8	15	-	-	-	34	8	42
Production of bio control agents and			0								10	-	
bio pesticides	I	11	0	11	I	2	3	-	-	-	12	2	14
Others, if any	1	38	0	38	7	0	7	-	-	-	45	0	45
	1	18	0	18	0	1	1	-	-	-	18	1	19
	1	25	0	25	0	3	3	-	-	-	25	3	28
	1	10	0	10	2	1	3	-	-	-	12	1	13
	1	24	0	24	2	0	2	-	-	-	26	0	26
	1	33	0	33	8	0	8	-	-	-	41	0	41
	1	28	0	28	12	8	20	-	-	-	40	8	48
	1	15	0	15	4	2	6	-	-	-	19	2	21
Integrated Pest Management	1	38	0	38	9	0	9	-	-	-	47	0	47
Integrated Disease Management	1	25	0	25	0	1	1	-	-	-	25	1	26
Bio-control of pests and diseases	1	32	0	32	0	5	5	-	-	-	32	7	39
Others, if any	1	14	0	14	4	1	5	-	-	-	18	1	19
	1	21	0	21	5	3	8	-	-	-	26	3	29
	1	25	0	25	7	3	10	-	-	-	32	3	35
	1	16	5	21	4	3	7	-	-	-	20	8	28
	1	21	6	27	5	4	9	-	-	-	26	4	30
	1	16	5	21	8	7	15	-	-	-	24	12	36
	1	11	8	19	5	7	12	-	-	-	16	15	31
TOTAL	22	501	24	610	97	59	156				<b>598</b>	83	681
VIII. Fisheries NA													
Integrated fish farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Carp breeding and hatchery	_	_	_	_	_	_	_	_	_	_	-	-	-
management	_		-	_	_	_	_		_	_			
Carp fry and fingerling rearing	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture & fish disease	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish feed preparation & its application											-	-	-
to fish pond, like nursery, rearing &	-	-	-	-	-	-	-	-	-	-			
stocking pond													
Hatchery management and culture of	-	-	-	-	-	-	-	-	-	-	-	-	-
Ireshwater prawn													
Breeding and culture of ornamental	-	-	-	-	-	-	-	-	-	-	-	-	-

				N	o. of F	Particin	ants						_
Thematic Area	No. of		Other		0.011	SC	unto		ST		Gra	and To	otal
	Courses	М	F	Т	М	F	Т	М	F	Т	М	F	Т
fishes			-			-	-	1.1	-	-		-	-
Portable plastic carp hatchery	-	-	-	-	-	-	-	-	-	-	-	-	-
Pen culture of fish and prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Edible ovster farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearl culture	_	-	-	-	-	-	-	-	-	-	-	-	-
Fish processing and value addition	_	_	-	-	-	-	-	-	-	-	_	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	_	_	-	-	-	-	-	-	-	-	_	-	-
IX. Production of Inputs at site													
Seed Production	_	_	-	-	-	-	-	-	-	-	_	-	-
Planting material production	_	_	-	-	-	-	-	-	-	-	_	-	-
Bio-agents production	_	_	-	-	-	-	-	-	-	-	_	-	-
Bio-pesticides production	_	_	-	-	-	-	-	-	-	-	_	-	-
Bio-fertilizer production	_	_	_	_	-	_	-	-	-	-	_	-	_
Vermi-compost production	_	_	_	_	-	_	-	-	-	-	_	-	_
Organic manures production	_	_	_	_	-	_	-	-	-	-	_	-	_
Production of fry and fingerlings	_	_	_	_	-	_	-	-	-	-	_	-	_
Production of Bee-colonies and way											ł _	_	_
sheets	-	-	-	-	-	-	-	-	-	-	-	_	
Small tools and implements	_	_	_	_	_	_	_	_	_	_	ł _	_	_
Production of livestock feed and		_	_		_		_	_	_	_		_	_
fodder	-	-	-	-	-	-	-	-	-	-			
Production of Fish feed	_	_	-	-	-	-	-	-	-	-	_	-	-
Others if any	_	_	-	-	-	-	-	-	-	-	_	-	-
TOTAL	_	_	_	_	-	_	-	-	-	-	_	-	_
X Canacity Building and Group													
Dynamics													
Leadership development	-	-	-	-	-	-	-	-	-	-	-	-	-
Group dynamics	_	_	-	-	-	-	-	-	-	-	_	-	-
Formation and Management of SHGs	_	-	-	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of											-	-	-
farmers/vouths	-	-	-	-	-	-	-	-	-	-			
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Others, if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry													
Production technologies	-	_	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	_
Integrated Farming Systems	-	_	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	_	_	-	_	_	_	-	_	-	-	-	_
XII. Others (Pl. specify)	-	_	_	-	_	_	_	-	_	-	-	-	_
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

### ii. RURAL YOUTH (On and Off Campus)

	No. of				No. o	f Partic	ipants					Grand T	otal
Thematic Area	NO. 01		Other	•		SC			ST			Grand T	otai
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	Μ	F	Т
Mushroom Production	1	0	16	16	-	-	-	-	-	-	0	16	16
	1	19	0	19	-	-	-	-	-	-	19	-	19
Bee-keeping	1	-	24	26	2	8	10	-	-	-	2	24	26
	1	8	4	12	2	4	6	-	-	-	10	8	18
-	-	-	-	-	-	-	-	-	-	-	-	-	-

													50
	No of				No. o	f Partic	ipants					Crord T	otal
Thematic Area	INO. OI		Other			SC			ST				
	Courses	М	F	Т	М	F	Т	М	F	Т	M	F	Т
- Des 1 - diama 6 - march	-	-	-	-	-	-	-	-	-	-	-	-	-
inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Planting material production	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermi-culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-
Protected cultivation of vegetable crops	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial fruit production	-	-	-	-	-	-	-	-	-	-	-	-	-
Repair and maintenance of farm machinery and implements	_	-	-	-	-	-	-	-	-	-	-	-	-
Nursery Management of Horticulture crops	-	-	-	-	-	-	_	-	-	-	-	-	-
Training and pruning		1					<u> </u>				-	-	-
of orchards	-		_				-						
Value addition	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of quality	-	-	-	-	-	-	-	-	-	-	-	-	-
animal products	-	-	-	-	-	-	-	-	-	-			
Dairying	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat	-	-	-	-	-	_	_	-	-	_	-	-	-
rearing													
Quali farming Piggery	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabbit farming	-	-	-	-	-	-	-	-	-	-	-	-	-
Poultry production	-	-	-	-	-	-	-	-	-	-	-	-	-
Ornamental fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Para vets	-	-	-	-	-	-	-	-	-	-	-	-	-
Para extension workers	-	-	-	-	-	-	-	-	-	-	-	-	-
Composite fish culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Freshwater prawn	-	-	-	-	-	-	-	-	-	-	-	-	-
Shrimp farming	_			_		_		_			-	-	
Pearl culture	-	-	-	-	-	-	-	-	-	-	-	-	-
Cold water fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish harvest and	-	-	-	-	-	-	-	-	-	-	-	-	-
Fry and fingerling	-	-	-	-	-	-	-	-	_	_	-	-	-
Small scale processing	_			_		_		_			-	-	
Post-Harvest	_	-	_			-					-	-	-
Technology	-	-	-	-	-	-	-	-	-	-			
Stitching	-	-	-	-	-	-	-	-	-	-	-		
Rural Crafts		-	-	-	-	-	-	-	-	-	-	-	
Enterprise development	-	-	-	-	-	-	-	-	-	-	-	-	-
Others if any (ICT application in agriculture)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	4	27	44	73	4	12	16	-	-	-	31	48	79

## iii. Extension Personnel (On and Off Campus)

	No. of				No. of	f Partic	ipants					Grand	Total
Thematic Area	Courses		Other			SC			ST			Oraliu	Total
	Courses	Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
Productivity enhancement in field crops													
Integrated Pest Management	1	26	2	28	5	0	5	-	-	-	31	2	33
Value Addition	1	38	2	40	3	0	3	-	-	-	41	2	43
Integrated Nutrient management	1	16	0	16	3	0	3	-	-	-	19	0	19
Rejuvenation of old orchards	1	27	2	29	2	-	2	-	-	-	29	2	31
Value addition													
Protected cultivation technology	1	38	2	40	2	-	2	-	-	-	40	2	42
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Group Dynamics and farmers organization	1	46	5	51	7	-	7	-	-	-	53	5	58
Information networking among farmers	-	-	-	-	-	-	-	-	-	-	-	-	-
Capacity building for ICT application	-	-	-	-	-	-	-	-	-	-	-	-	-
Care and maintenance of farm machinery and implements	2	116	10	126	12	-	12	-	-	-	126	12	138
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-
Management in farm animals	-	-	-	-	-	-	-	-	-	-	-	-	-
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-
Crop intensification	-	-	-	-	-	-	-	-	-	-	-	-	-
Others if any	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	8	307	23	330	34	34	-	-	-	-	339	25	364

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

	Discipline	Clientele	Title of the training	Duration in days	Venue (Off / On	Numb	er of partio	cipants	Numbe	er of SC/ST	[
			programme		Campus)	Male	Female	Total	Male	Female	Total
Γ	-	-	-	-	-	-	-	-	-	-	-

										52
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

### H) Vocational training programmes for Rural Youth

## Details of training programmes for Rural Youth

ſ	Crop /	Identifi	Troin		No.	of Participa	ants	Self-	employed aft	er training	Number of persons
	Enterpr ise	ed Thrust Area	ing title*	Duration (days)	Male	Female	Total	Type of units	Number of units	Number of persons employed	employed else where
F	-	-	-	-	-	-	-	-	-	-	-
ſ	-	-	-	-	-	-	-	-	-	-	-

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

## I) Sponsored Training Programmes

				Du	Cli ent					No.	of Pa	rticipan	ts				
SI	Title	The	Mont	rat	PF	No. of	Ν	/lale		Fe	emale			Tota	al		Sponsori
51.	The	area	h	(da ys)	/R Y/ EF	courses	Others	SC	S T	Others	S C	ST	Others	S C	ST	To tal	Agency
1	NE/Gre en seeks based nutrient manage ment	Other	311.0 8.202 1	1	PF	1	25	2	-	-	-	-	25	2	-	27	Govt. of Bihar & Bisa
2	NE/Gre en seeks based nutrient manage men	Other	01.09 .2021	1	PF	1	24	1	-	-	-	-	24	1	-	25	Govt. of Bihar & Bisa
3	NE/Gre en seeks based nutrient manage men	Other	02.09 .2021	1	PF	1	35	2	-	-	1	-	35	3	-	38	Govt. of Bihar & Bisa
4	NE/Gre en seeks based nutrient manage men	Other	4.09. 2021	1	PF	1	14	13	-	-	3	-	14	16	-	30	Govt. of Bihar & Bisa

																	53
5	Impact of boi- fertilize r in paddy	Prod uctio n of organ ic input s	20.09 .2021	1	PF	1	42	15	-	-	3	-	57	3	-	60	Govt. of Bihar & Bisa
6	Impact of boi- fertilize r in Rabi crop	Prod uctio n of organ ic input s	14.12 .2021	1	PF	1	13	-	-	-		-	-	-	-	13	Govt. of Bihar & Bisa
7	Impact of boi- fertilize r in Maize, pulses & oilseed	Prod uctio n of organ ic input s	15.12 .2021	1	PF	1	10	-	-	-	-	-	-	10	-	10	Govt. of Bihar & Bisa
8	Water manage met in wheat	Wate r mana geme nt	20.12 .2021	1	PF	1	8	2	-	-	-	-	-	10	-	10	Govt. of Bihar & Bisa
9	Use of biopesti cide & bio fertilize r in paddy	ICM & IPM	10.08 .2021	1	PF	1	40	5	-	5	3	-	45	8	-	53	Govt. of Bihar & Bisa
10	Use & benefit of weeddi ng tools in paddy crop	Culti vatio n of crop	11.08 .2021	1	PF	1	45	8	_	5	3	-	50	11	-	61	Govt. of Bihar & Bisa
11	Crop product in techniq ue	INM, IPM & RCT	12.08 .2021	1	PF	1	47	9	-	5	4	-	52	13	-	65	Govt. of Bihar & Bisa
12	Weed manage ment in paddy crops	INM, IPM & RCT	13.08 .2021	1	PF	1	43	3	-	4	-	-	47	03	-	50	Govt. of Bihar & Bisa
13	Scientif ic method of Kharif crop product ion	ICM, IPM, INM & RCT	14.08 .2021	1	PF	1	45	20	-	8	5	-	65	13	-	78	Govt. of Bihar & Bisa
14	Rabi worksh op	ICM, IPM, INM & RCT	21.10 .2021	1	PF	1	25	-	-	2	5	-	27	5	-	32	Govt. of Bihar & Bisa

																	54
15	Use of biopesti cide & bio fertilize r in paddy	ICM & IPM	25.10 .2021	1	PF	1	38	5	-	7	5	-	45	10	-	55	Govt. of Bihar & Bisa
16	Use & benefit of weeddi ng tools in paddy crop	Culti vatio n of crop	26.10 .2021	1	PF	1	52	10	-	12	3	-	64	13	-	77	Govt. of Bihar & Bisa
17	Crop product in techniq ue	INM, IPM & RCT	27.10 .2021	1	PF	1	42	8	-	10	5	-	52	13	-	65	Govt. of Bihar & Bisa
18	Weed manage ment in paddy crops	INM, IPM & RCT	28.10 .2021	1	PF	1	39	5	-	6	-	-	45	05	-	50	Govt. of Bihar & Bisa
19	Scientif ic method of Kharif crop product ion	ICM, IPM, INM & RCT	29.10 .2021	1	PF	1	43	15	-	13	5	-	56	20	-	76	Govt. of Bihar & Bisa

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

	Na af		I	Farmers		Exter	nsion Off	icials		Total	
Nature of Extension Activity	activities	М	F	Т	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	11	215	20	235	11	4	0	4	219	20	239
KisanMela	5	206	49	255	13	8	2	10	214	51	265
KisanGhosthi	17	410	185	595	22	6	1	7	416	186	602
Exhibition	6	125	24	149	10	6	1	7	131	25	156
Film Show	7	150	65	215	15	5	1	6	155	66	221
Method Demonstrations	7	386	36	422	9	5	1	6	392	37	428
Farmers Seminar	4	190	45	235	8	4	1	5	194	46	240
Workshop	11	550	36	586	7	10	2	12	560	38	598
Group meetings	11	250	125	375	12	55	1	56	305	126	431
Lectures delivered as resource persons	35	1722	113	1835	4	112	28	140	1834	141	1975
Advisory Services	-	2084	53	2137	7	5	1	6	2089	54	2143
Scientific visit to farmers field	180	1086	17	1103	2	5	-	5	1091	17	1108
Farmers visit to KVK	-	2360	103	2463	7	5	-	5	2365	103	2468
Diagnostic visits	112	235	21	456	6	5	-	5	240	21	261
Exposure visits	2	104	6	110	2	5	1	6	109	7	116
Ex-trainees Sammelan	2	38	4	42	5	5	1	6	43	5	48
Soil health Camp	2	27	2	29	2	3	0	3	30	2	32
Animal Health Camp	-	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	2	27	2	29	2	3	0	3	30	2	32
Farm Science Club Conveners meet	2	67	10	77	5	5	1	6	73	11	84
Self Help Group Conveners	2	40	45	85	10	5	1	6	45	46	91

											55
meetings											
MahilaMandals Conveners meetings	1	-	60	60	11	5	1	6	5	61	66
Special Programmes (specify)	13	650	354	1004	12	5	1	6	655	355	1010
Sankalp Se Siddhi	-	-	-	-	-	-	-	-	-	-	-
Swatchta Hi Sewa	15	197	30	227	11	5	1	6	202	31	233
Any Other (Specify) Farmers scientist interaction	5	170	28	198	9	5	1	6	175	29	204
Total	452	11289	1433	12922	8.21	281	47	328	11572	1480	13052

## B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	22
Radio talks	0
TV talks	5
Popular articles	10
Extension Literature	14
Other, if any	8
Book chapter	8

# C. Celebration of important days

	No. of		Fa	armers		]	Extens Officia	ion als		Tot	tal
Celebration of Important Days	activities	М	F	Total	SC/ ST (% of total)	М	F	Total	М	F	Total
Republic day (26 <sup>th</sup> Jan.)	1	61	17	78	3	8	1	9	69	18	87
National Horticulture faire (Live Telecast)	1	47	13	60	4	8	1	9	55	14	69
International Women's Day (8 <sup>th</sup> Mar.)	1	-	50	50	11	8	1	9	-	51	60
World water day	1	79	26	105	7	8	1	9	87	27	114
Ambedkar Jayanti (14th Apr.)	-	-	-	-	-	-	-	-	-	-	-
International Yoga Day (21st Jun.)	1	I	-	-	-	15	-	15	15	-	15
Independence Day (15 <sup>th</sup> Aug.)	1	80	18	98	3	5	1	6	85	19	104
Parthenium Awareness Week (16 <sup>th</sup> to 22 <sup>nd</sup>	1	42	-	42	5	5	1	6	47	1	48
Hindi Diwas (14 <sup>th</sup> Sep.)	1	-	-	-	-	11	1	12	11	1	12
Poshan Maah and tree plantation Mahabhiyan	1	25	316	341	15	5	1	6	33	1	347
Gandhi Jayanti (2 <sup>nd</sup> Oct.)	-	-	-	-	-	-	-	-	-	-	-
Mahila Kisan Diwas (15 <sup>th</sup> Oct.)	-	-	-	-	-	-	-	-	-	-	-
World Food Day (16 <sup>th</sup> Oct.)	-	-	-	-	-	-	-	-	-	-	-
Vigilance Awareness Week (27 <sup>th</sup> Oct. to 2 <sup>nd</sup> Nov.)	1	-	-	-	-	11	1	12	11	1	12
National Unity Day (31 <sup>st</sup> Oct.)	-	-	-	-	-	-	-	-	-	-	-
World Science Day (10 <sup>th</sup> Nov.)	-	-	-	-	-	-	-	-	-	-	-
National Education Day (11th Nov.)	-	-	-	-	-	-	-	-	-	-	-
National Constitution Day (26th Nov.)	1	-	-	-	-	11	1	12	11	1	12
World Soil Day (5 <sup>th</sup> Dec.)	1	95	11	106	13	8	1	9	103	12	115
Kisan Diwas (23 <sup>rd</sup> Dec.)	-	-	-	-	-	-	-	-	-	-	-

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

<b>S</b> 1	Date of event	Name of Event/Programme	Interaction of		Part	icipants	
51.	Date of event	Ivanie of Eventri Togramme	Hon'ble PM/AM	Farmers	Staffs	VIP/Others	Total
1	10.02.2021	National Horticultural fair	PM/AM	60	9	1	70
2	28.09.2021	Interface farmer scientist	PM/AM	65	9	0	74

							56
3		Release of CRA bio	PM/AM	60	9	1	70
		fortified variety					
4	16.12.2021	Zero budget natural farming	PM/AM &	200	9	1	210
			Governor of				
			Gujrat				

## 3.5 a. Production and supply of Technological products

## Village seed

		Quantity of	Valua	No. of formars involved	Nu	mber o	of farm	ers
Crop	Variety	Quantity of	value (Pa)	in village and production	to wh	nom se	ed prov	vided
		seed(q)	(KS)	in vinage seed production	SC	ST	Other	Total
Paddy	Raj shree, Sweta,	71.40	296960	0	-	-	-	-
	Neelam, Swarna-							
	1, R. Bhagwati,							
	Neelam Sahbhagi							
	etc.							
Wheat	HD 2967, HD			0				
	2733, DBW252,	166	801520					
	DBW39							
Maize	RHM4	8	140000	0				
Rai	R. Suflam	2	23000	0				
Lentil	HUL-57	800	87200	0				
Green gram				0				
Total		1047.4	13,48,680					

## KVK farm

Сгор	Variety	Quantity of seed	Value (Pa)	l to	Number o whom see	f farmers d provide	ed
-		(q)	(KS)	SC	ST	Other	Total
Wheat	HD2967	53	222600	-	-	-	-
Paddy	R. Sweta	21.20	84800	-	-	-	-
Grand Total		74.2	307400				

# Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provide			provided
				SC	ST	Other	Total
Vegetable seedlings	-	-	-	-	-	-	-
Cauliflower	-	-	-	-	-	-	-
Cabbage	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-

							57
Brinjal	-	-	-	-	-	-	-
Chilli	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-
Fruits	-	-	-	-	-	-	-
Mango	-	-	-	-	-	-	-
Guava	-	-	-	-	-	-	-
Lime	-	-	-	-	-	-	-
Papaya	-	-	-	-	-	-	-
Banana	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-
<b>Ornamental plants</b>							
Medicinal and	-	-	-	-	-	-	-
Aromatic							
Plantation	-	-	-	-	-	-	-
Spices	-	-	-	-	-	-	-
Turmeric	-	-	-	-	-	-	-
Tuber	-	-	-	-	-	-	-
Elephant yams	-	-	-	-	-	-	-
Fodder crop saplings	-	-	-	-	-	-	-
Forest Species	-	-	-	-	-	-	-
Others, pl.specify	-	-	-	-	-	-	-
Total							

## **Production of Bio-Products**

	Quantity					
Name of product	Kg	Value (Rs.)	No.	of Farm	ers bene	fitted
			SC	ST	Other	Total
Bio-fertilizers	-	-	-	-	-	-
Bio-pesticide	-	-	-	-	-	-
Bio-fungicide	-	-	-	-	-	-
Bio-agents	-	-	-	-	-	-
Others, please specify.	-	-	-	-	-	-
Total	-	-	-	-	-	-

#### **Production of livestock materials**

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted		
				SC ST Other Total		
Dairy animals						
Cows	-	-	-	-		
Buffaloes	-	-	-	-		
Calves	-	-	-	-		
Others (Pl. specify)	-	-	-	-		
Small ruminants						
Sheep	-	-	-	-		
Goat	-	-	-	-		
Other, please specify	-	-	-	-		

				58
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: NA

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

ii) Quality Seed Production Reports

					Production (q)	
Season	Crop	Variety	Target	Area sown (ha)	Production	Category of Seed(F/S, C/S)
Kharif 2021	Paddy	R. Sweta	2.0 ha	1	21.20	C/S (Flood water& heavy rain effected the sowing & yield of crop)
Rabi 2021	Wheat	HD2967	2.0 ha	2	53.0	C/S
Summer/Spring 2021						

## iii) Financial Progress

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

2020		
2021		

# iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper	1. Effectiveness of	Rajendra Prasad	17 (1) : 91-93.	2021
	botanical insecticides in the management of rice gall midge (Orseolia oryzee Wood Mason) Journal of Eco-friendly Agriculture 17 (1) : 91-93. 2.Crosstalk of salicylic acid and nitric oxide between signaling pathways: An insight into systemic redox control of plant growth	Rai, K.K., Pandey, N., Rai, N.; Rai, S.K. and PandeyRai S.	1. (In communicati on).	2021
	and immunity. Phytochemistry Reviews. 3. In-vivo studies and Molecular docking of modeled Mus musculas 8S lipoxygenase protein using some natural bioactive compounds.	Pandey-Rai S. *, Rai, K.K., Pandey, N., Tripathi, D., Apoorva, Singh, V.K., Rai, S.K. Pandey, N., Rai, K.K., Rai, S.K. and Shashi Pandey Rai	PINSA B (Accepted) IF-0.95 NASS Rating 5.89.	2021
	4. Heterologous expression of cyanobacterial PCS confers augmented arsenic and cadmium stress tolerance and		Plant Biotechnol	2021

				60
	higher artemisinin in Artemisia annua hairy roots.		Report (2021). http://sci- hub.tw/10.1007/s 11816-021- 00682-5 IF 1.462 NASS Rating 7.26.	
Seminar/conference/				
Books	1. Principles and practices in organic farming	Dr. Rajendra Prasad		
	2. Farm Mechanization	Er. Manoj Kumar	ISBN:978-81-925878- 3-8	2021
	3. Disital Advancements in Horticulture	Dr S.K. Rai,Dr Sudhir Das, Dr Divya Tiwari,Dr Arun Tiwari, Dr Anil Kumar Singh,Dr K.M.Karuna and Dr Punam Horo	ISBN: 978-81-952546- 7-6 Parmar Publication,854,KG Ashram, Bhuinphod, Govindpur Rd,Dhanbad-828109	2021
	4.Crop Production and protection related tools and eqipments	Er. Manoj Kumar	ISBN:978-81-952646- 8-3	2021
Bulletins	-	-	-	-
Manual	<ol> <li>Power tiller ki karya pranali, rakh rakhao awam prabandhan</li> <li>Krishi prasanskaran awam mulya</li> </ol>	Er. Manoj Kumar	10/2020-21	2021
	sambardhan upkaran 3. Adhunik krishi yantron ka parichalan awam rakh rakhao	Er. Manoj Kumar	11/2020-21 12/2020-21	2021
News letter	Khari, Rabi & Summer	Dr. Sanjay Kumar Rai Dr. Rajendra Prasad Dr. S.K. Thakur Er. Manoj Kumar Dr. Ashutosh Kumar	3	2021
	1. Krishki ke live	<sup>1</sup> Saniav Kumar		

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Popular Articles	labhdayak Maleriya rodhi aartimicia anua paudhe ki Vaigyanik kheti	Rai <sup>2</sup> Apoorva <sup>3</sup> Deepika Tripathi & Shashi Pandey Rai	Krishi Uttkarsh Valume :07 January – March,2021	2021
	2. Aloo ki unnat Vyavshayik kheti	S.K. Rai & Shashi Pandey Rai	Krishi Uttkarsh Valume :07 January – March,2021	2021
	3. Organic Production of Tissue Culture Banana.		Agriculture & Food: ENewsletter. Volume 3- Issue 3- March 2021. Article ID 10482. ISBN: 2581-8317.	2021
Book Chapter	1. Role of farm mechanization for doubling farmer's income	Er. Manoj Kumar & Dr. Rajendra Prasad	ISBN: 978-81-927825- 3-3	2021
	2. Bio-fertilizer : A tool for doubling farmers income	Dr. Rajendra Prasad & Er. Manoj Kumar		2021
	3. Management of fall army worm (Spodoptera Frugiperda) with reference to bacilous thuringiencis	Dr. S.K. Thakur	ISBN: 978-81929878- 3-8	2021
	4. Molecular marker and descriptor's suitable for quantitative trait loci and genome mapping in Catharanthus roseus.	Pandey-Rai, S., <b>Rai, S.K.,</b> Apoorva, Rai, K. K., and Kumar, S.	In the book, The Periwinkle Genome, Springer. (in Press)	2021
	5. Implementation of functional genomics approaches for gene discovery related to terpenoid indole alkaloid	Rai, S.K., Rai, K. K., Apoorva, Kumar, S., and Pandey-Rai, S. (2021)	In the book, The Periwinkle Genome, Springer. (in Press).	2021

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	<ul> <li>biosynthetic pathway in Catharanthus roseus.</li> <li>6. New perspectives of the Artemisia annua bioactive compounds as an affordable cure in treatment of malaria and cancer,</li> </ul>	<b>Rai S. K.,</b> Apoorva, Rai K. K., and Pandey- Rai, S.	Chapter 15 in book "Natural Bioactive Compounds – Technological Advancements" Editors R. P. Sinha and D. P. Hader Elsevier.	2021
Extension Pamphlets/ literature	2. Poly-house me Shimala Mirch Utpadan Takniki.	Dr S.K.Rai	35/H/F/316/2021, Directorate of Ext. Education, DRPCAU,Pusa	2021
	3. Poly-house me Tamatar Uttpadan Takniki.	Dr S.K.Rai	35/H/F/317/2021, Directorate of Ext. Education, DRPCAU,Pusa	2021
	4.Poly-house me Khira Uttpadan Takniki	Dr S.K.Rai	35/H/F/315/2021, Directorate of Ext. Education, DRPCAU,Pusa	2021
	5.Vaigyanik Vidhi Dwara Artimicia Aushadhiya Paudho ki Kheti.	Dr S.K.Rai	35/H/F/314/2021, Directorate of Ext. Education, DRPCAU,Pusa	2021
	6.Aovala ki Vaigyanik Kheti.	Dr S. K. Rai	Sheohar/H/IB/163/202 1, Directorate of Ext. Education, DRPCAU,Pusa	2021
	7. Sabbji wali mater ki Kheti vaigyanik vidhi.	Dr S. K. Rai	Sheohar/H/IB/164/202 1, Directorate of Ext. Education, DRPCAU,Pusa	2021
	8. Patta Gobhi ki Vaigyanik Kheti.	Dr S. K. Rai	Sheohar/H/IB/165/202 1, Directorate of Ext. Education, DRPCAU,Pusa	2021

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	9. Strawberry Ki Kheti Ki Vaigyanik Takniki.	Dr S. K. Rai	Sheohar/H/IB/166/202 1, Directorate of Ext. Education, DRPCAU,Pusa	2021
	10. Aloo Ki Unnati Kheti	Dr S. K. Rai	Sheohar/H/IB/167/202 1, Directorate of Ext. Education, DRPCAU,Pusa	2021
Technical reports				
Electronic Publication (CD/DVD etc)	<ol> <li>Silent achievement of KVK</li> <li>Entrepreneurship development</li> <li>Success story</li> <li>Export system on package and practices of crops</li> </ol>	Dr. Sanjay Kumar Rai Dr. S.K. Thakur Dr. Rajendra Prasad Er. Manoj Kumar Shri Ashutosh Kumar	11	2021
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:
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Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	International workshop	<ul> <li>3<sup>rd</sup> International conference (Hybrid mode) on food, Agriculture and innovations Awarded</li> <li>1."Outstanding KVK Scientist award.</li> <li>2. Best oral presentation award for presentation "effect of Rhizobium Inoculations in pulses crops.</li> <li>3. Co- Chairperson of a technical session</li> </ul>	Dr. Rajendra Prasad SMS (Agronomy)	24-26 December, 2021	Pragati shil Krishak Vikas sewasansthan
2.	4 <sup>th</sup> DISHA, 2021	Outstanding Scientific Investigation Award	Dr. Rajendra Prasad SMS(Agro)	13-14 March, 2021	GAPS
3.	National conference	4 <sup>th</sup> DISHA, 2021	Dr. S.K. Thakur SMS (Nema)	13-14 March, 2021 GAPS	
4.	International workshop	3 <sup>rd</sup> International conference (Hybrid mode) on food, Agriculture and innovations Awarded " Outstanding Nematologist award	Dr. S.K. Thakur SMS (Nema)	24-26 December, 2021	Pragatishil Krishak Vikas sewasansthan
5.	International workshop	3 <sup>rd</sup> International conference (Hybrid mode) on food, Agriculture and innovations Awarded "Popular Extension Worker award	Dr. Ashutosh Kumar SMS (Hot)	24-26 December, 2021	Pragatishil Krishak Vikas sewasansthan
6.	4 <sup>th</sup> National Conference	1.Outstanding Horticulturist Award awarded in	Dr. S.K. Rai Sr. Scientist & Head	13-14th March ,2021	(DISHA 2021) @Sambodhi

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		4 <sup>th</sup> National Conference on Doubling Farmers Income for Sustainable & Harmonious Agriculture .				Retreat, Dhanbad ,Jharkhand.
		2. Annual Membership of Magazine Agriculture & Food:		2021		e-New letter from 06.09.2020 to 06.09.2021and membership no. is AM- AFM1472.
	3 <sup>rd</sup> International workshop	3. Distinguish Scientist Award in recognition of valuable contributions and achievements in 3 <sup>rd</sup> International Conference (Hybrid Mode) on Food, Agriculture and Innovations (3 <sup>rd</sup> ICFAI) from 24 <sup>th</sup> 26 <sup>th</sup> December-2021@Holiday Home, Ranchi, Jharkhand.		24-26 2021	December,	Pragatishil Krishak Vikas sewasansthan
		3 <sup>rd</sup> International conference (Hybrid mode) on food, Agriculture and innovations Awarded "Horticulturist award				
7.	Webinar	Planning and Decision Making for Efficient Water Management	Dr. S.K. Thakur SMS (Nema)	1 <sup>st</sup> 2021	November,	ICAR (RCER)
8.	National Seminar	Rice-fallow management in Eastern India	Dr. S.K. Thakur SMS (Nema)	26 Aug	gust, 2021	ICAR (RCER)
9.	Training Course	RoadmapforKVKstoenhanceMushroomproduction & consumption	Dr. S.K. Thakur SMS (Nema)	09-11 2021	August,	ICAR, IIHR, Benguluru
10.	National conference	4 <sup>th</sup> DISHA, 2021	Er. Manoj Kumar SMS (Agril. Engg.)	13-14	March, 2021	GAPS
11.	55 <sup>th</sup> Annual Convention of India Society of Agricultural Enginnrs	Indian Society of Agricultural Engineers, New Delhi.	Er. Manoj Kumar SMS (Agril. Engg.)	23-25 2021	November,	ISAE
12.	International workshop	3 <sup>rd</sup> International conference (Hybrid mode) on food, Agriculture and innovations Awarded "Outstanding Nematologist award	Er. Manoj Kumar SMS (Nema)	24-26 2021	December,	Pragatishil Krishak Vikas sewasansthan

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

Name of farmer	Ramashish Singh			
Address	Village- Paharpur Block- Dumri Katsari, District-			
	Sheohar			
Contact details (Phone, mobile, email Id)	9431017949			
Landholding (in ha.)	8 Acre			
Name and description of the farm/	Paddy, Wheat with RCT			
enterprise				
Economic impact	507407			
Social impact	Status recognize in the society due to high income and			
	less cost of cultivation and lead to higher education of			
	the children.			
Environmental impact	Beneficial			
Horizontal/ Vertical spread	300 hectare			

Name of farmer	Sachchidanand Singh		
Address	Village- Narwara, Block- Tariyani, District- Sheohar		
Contact details (Phone, mobile, email Id)	9572812221		
Landholding (in ha.)	5 Acre		
Name and description of the farm/	Paddy, Wheat and orchard		
enterprise			
Economic impact	680720		
Social impact	Society recognized due to adoption of modern		
	production technology		
Environmental impact	Hilghy beneficial		
Horizontal/ Vertical spread	200 hectare		

Name of farmer	Sri Pramod Kumar Singh			
Address	Village- Tajpur Sugiya Block- Sheohar, District-			
	Sheohar			
Contact details (Phone, mobile, email Id)	9934915770			
Landholding (in ha.)	30 Acre			
Name and description of the farm/	Paddy, Wheat, Sugarcane, Fishries, Mango & Litchi			
enterprise	orchard.			
Economic impact	1793500			
Social impact	Status recognize in the society			
Environmental impact	Highly Beneficial			
Horizontal/ Vertical spread	150 hectare			

	T (1 (T)) (1 (1		
Name of farmer	Jaynath Tiwari Singh		
Address	Village- Babhantoli, Block- Sheohar, District- Sheohar		
Contact details (Phone, mobile, email Id)	9939686400		
Landholding (in ha.)	8 Acre		
Name and description of the farm/	Paddy, Wheat & Lentil with RCT, INM & IPM		
enterprise			
Economic impact	632000		
Social impact	Socialy recognize due to high income from farming		
•	resulted high education of the children		
Environmental impact	Beneficial		
Horizontal/ Vertical spread	175 hectare		
Name of farmer	Sri Jugnu Kumar		
Address	Village- Lalgadh Block- Dumri Katsari, District-		
	Sheohar		

Contact details (Phone, mobile, email Id)	8802220847
Landholding (in ha.)	4 hectare
Name and description of the farm/	Paddy, Wheat & Oilseed with RCT, IPM & INM
enterprise	
Economic impact	394000
Social impact	Status recognize in the society
Environmental impact	Highly Beneficial
Horizontal/ Vertical spread	150 hectare

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

Sl.	Name/ Title of the	Name/ Details of the	Brief details of the Innovative Technology
No.	technology	Innovator(s)	
1	CRA	Farmers of villages Paharpur, Pardesiya, Lalgadh, Harnahi & Hathisar	Under supervision of KVK Scientists the following technology Demonstrated, DSR, Zero tillage, Rice-Wheat seeder, Raised bed planting of maize & Mustard, Community irrigation and Potato+Maize intercropping
2	Sugarcane seed production	Shri A.K. Sharma, Village- Kuama, Block- Piprahi, Sheohar	Under supervision of KVK Scientists and technical advisory of sugarcane crushing mill and following the proper guide line of Bihar state seed certification and organic agency. He use to plant sugarcane sets timely and latest relies variety of sugarcane with proper recommendation of balance nutrients and proper monitoring of disease and pest.
3	Sugarcane based double intercropping system	Shri Alok Kumar Singh, Village- Khairwadarp, Block- Sheohar, District- Sheohar.	With proper utilization of space and time Shri Alok Kumar Singh cultivated sugarcane with inter crops. In both season (Autumn and Spring planted sugarcane) by close supervision and advice of KVK, Scientists.
4	Mushroom	Shri Rajesh Kumar, Village- Kushahar, Block- Sheohar, District-Sheohar	Mushroom production started at Kushahar with minimal expenditure and he multiplied spown on locally available animal feed material. He multiplied Mushroom and spread production of Mushroom through formation of SHG among rural women. He has started his own spown production unit at village Kushahar he is famous among Mushroom growers. The technical backstopping.
5	Bio- pesticide	Shri Manoj Kumar Minapur Balha, Block- Piprahi, District- Sheohar,	Shri Manoj Kumar, who has been awarded by innovative farmer award by RPCAU, Pusa for his contribution in manufacturing of bio- pesticide by amalganing locally available pest repalanent components like animal urine (15 L) Neem leaves (1kg.), Oak (1kg) sugarcane Jaggery (1/2 kg), Tobacco unused part (1/2 kg), Garlic (1/2 poor quality), Dump for rotting 20 days and after filterening the 1 L filterate use in 15 L water for spraying on crops.
6	Micro-Irrigation	Shri Bheem Kumar, Village + Post- Kothiya, Block- Sheohar, District-	For proper and efficient use of irrigation water, Mr. Bheem Kumar has stall micro irrigation system in 1 ha of Banana crops. Through dreep irrigation system plant

		Sheohar	requirement is completely full fill and banana crops yielded long bunches of banana without any infestation and deficiency.
7	Poultry	Shri Ratneshwa Mishra, Villag Dostiyan, Bloc Purnahiya, Distric Sheoahr	ri Farmers of river basing Bagmati has less time spend for their cucurbits crops. They dig 3 feet deep tunnel and is field with completely compost with insecticide. By the side of the tunnel they sow the cucurbits seeds. As the root system develop the roots got proper nutrient from the nutriensing (tunnel). To ward of the send they use kans ghas from western and northern side of the tunnel field with composed. Catchment area is almost covered by the system and they are able to harvest and handsome crop in less spen of time and money.

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	Kanchan Amrit	Bio-Pesticide	Biological control
2	RCT	To reduce cost of	To preserve moisture &Suppress the weed
		cultivation and improve	infestation
		soil health	
3	Gobdaiya	Tunnels serves and sink	To mitigate fertilizer and pesticide
		of nutrient	
4	Use of condimence (Hing)	Spray of hing to prevent	Biological control
		flower drop in cucurbits	
		specifically bottle guard	

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	Vermicompost	55	700q	85	Yes
2	<b>Bio-Pesticide</b>	47	151000L	2502	Yes

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	PRA, Survey, Field visit	For selection of tranees

#### 3.11. a. Details of equipment available in Soiland Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	Mrida parikshak soil testing kit	01

3.11.b. Details of samples analyzed so far: Nil

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

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

S1.	Analysis	No. of Samples analyzed	No. of Villages	No. of Farmers	Amount realized (Rs.)
1.	Soil				
2.	Water				
3.	Plant				
4.	Fertilizers				
5.	Manures				
6.	Food				
7.	Others (if any)				

### 3.11.d. Details on World Soil Day

S1.	Activity	No. of	No. of VIPs	Name (s) of	Number of Soil Health Cards	No. of
No.		Participants		VIP(s)	distributed	farmers
						benefitted
1	World	106	5	DAO, ADA	77	106
	Soil Day			(Chemistry),		
				PD ATMA		

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

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

#### 3.13. Technology week celebration Nil

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

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

No of student trained	No of days stayed
01	60 days

ARS trainees trained	No of days stayed
-	-

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

Date	Name of the person	Purpose of visit
25.09.2021	Director Extension Education RPCAU,	11 <sup>th</sup> SAC Meeting
	Pusa,	
	Deputy Director Extension	
	Education, RPCAU, Pusa	

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DDM NABARD,	
LDM, Sr. Manager SBI, DPM Jeevika	

### 4. IMPACT

### 4.1. Impact of KVK activities (Not to be restricted for reporting period).

Name of specific	No. of participants	% of adoption	Change in income (Rs.)			
technology/skill transferred	No. of participants		Before (Rs./Unit)	After (Rs./Unit)		
Vermi-compost production	45	15	152000	91000		
Mushroom Cultivation	96	32	127000	150000		
Green Manuring	155	36	132000	148000		
Zero Tillage	409	38	152000	196000		
Seed Production	93	17	220000	270000		
Grubber	87	9	136000	150000		
Honey Bee Production	135	35	45000	96000		

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
Technology	Horizontal spread
Intercropping	586
Vermi-compost production	58 units
Mushroom Cultivation	57 units
Green Manuring	396 ha
Zero Tillage	443 ha
Seed Production	94 ha
Grubber	302
Management of fall army worm of maize	151 ha
Management of false smut in Paddy	152 ha
Management of sheath blight in paddy	127 ha
Management of Dieback in Mango	74 ha
Mango Malformation	34 ha
Black leg and blight of potato	196 ha
Raised bed planting of potato, sowing of mustard and	186 ha
maize	
Community irrigation	15 ha
DSR	300 ha

Give information in the same format as in case studies

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

Sl. No.	Brief details	of	Impact of the technology in	Impact of the technology in		
	technology		subjective terms	objective terms		
1	Demonstration of	new	Production enhance due to new	The technology will spread		
	technology		technology	among farming community		

## 4.4. Details of innovations recorded by the KVK

Thematic area	Cropping system, Weed management, IPM & IDM, RCT, Yield
	increament
Name of the Innovation	Sugarcane grown with Green gram gives high production and high economic return. Spraying with atragin@3kg/ha as a preemergence+2-4-D 1 kg/ha at 60 DAP+carpentrazole at rate of 20g/ha at 120DAP reduce weed population and weed dencity in sugarcane and ultimately enhance crop yield and economic return, Use of bio-pesticide for the management of root knot nematods and use of spraying of tebuconazole@0.1%/litre water at boat stage completely manage the false smut of paddy.
Details of Innovator	SMS (Agronomy, Plant Protection, Aril. Engg., Horticulture)
Back ground of innovation	Professional expert
Technology details	Sugarcane based intercropping system, Weed management in sugarcane, Comparative performance of fungicide against false smut of paddy.
Practical utility of innovation	Enhance yield and economic return

### 4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Seed production
Name & complete address of the entrepreneur	Sri A.K. Sharma
	Vill Kuama, Block- Piprahi, Sheohar
Role of KVK with quantitative data support:	Skill development in seed production
Timeline of the entrepreneurship development	Started in 2018
Technical Components of the Enterprise	Use of improve varieties of sugarcane planting by scientific method
Status of entrepreneur before and after the	Earning Rs 6 lakh/ annum.
enterprise	
Present working condition of enterprise in terms	Excellent economic viability of the enterprise.
of raw materials availability, labour availability,	
consumer preference, marketing the product etc. (	
Economic viability of the enterprise):	
Horizontal spread of enterprise	227 farmers have adopted in that area.

## 4.6. Any other initiative taken by the KVK

### 5. LINKAGES

## 5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
RPCAU, Pusa	Nature of linkage
Deppt. Of Agriculture, Sheohar Govt. of	Training & Technology transfer
Bihar	
NABARD	Training & Technology transfer
ATMA	Training & SHG formation
NGOs	Training & Technology transfer

#### Bank of Baroda, Sheohar for training and financial support

5.2. List of special programmes undertaken during 2021by 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.)
CRA release variety of course grains	To make nutritationl security among women & children	16 December, 2021	ICAR	145000
Scientific bee Keeping	Rural entrepreneurship	02.03.2021, 15.03.2021, 21.03.2021, 19.12.2021	ICAR	460575
Demonstration of bio- fortified variety of wheat	Micro nutrient avaibility in food item	Rabi, 2021-22	ADR, RPCAU, Pusa	-
SCSP	Rural entrepreneurship	November, 2021	ICAR	80000

#### 6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

	Nome of	Vaar	1	Details	s of product	ion	Amou	nt (Rs.)	Re
Sl. No.	demo Unit	of estt.	(Sq.mt)	Variety /breed	Produce	Qty.	Cost of inputs	Gross income	mar ks
1.	Poly house	Dec, 2019	200	Vegeta bles	Bottle gourd, Cucu mber ,Bitter gourd	50 kg			D e m o, U ni t
2.	Shade net house	Dec, 2019	200	Vegeta bles	-	-	-		-
3.	Vermicom post	2020	60	-	Verm icom post	100 0 kg	6000	6000	
4.	Azola unit	2020	6	-	-	-	-	-	as D e m o
5.	Mushroom unit	2020	24	-	-	-	-	-	A s D e m

		-	-			-			
									0
6.	Solar Tree	Nov, 2021	01	-	-	-	-	-	-
7.	Mircro irrigation sytem	Nov, 2021	1000	-	-	-	-	-	-
	Total								

### 6.2.Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of	ea a)	Details of production			Amount (Rs.)		D 1
	harvest	Ar (h	Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	Remarks	
Wheat	1 <sup>st</sup> week of December	2 <sup>nd</sup> fort night of April, 2021	2 ha	HD- 2967	C/S	53.0	-	-	-
Paddy	2 <sup>nd</sup> week of July	October, 2021	1 ha	R. Sweta	C/S	20.2	-	-	-

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

SL	Name of the		Amou			
No.	No. Product Qty. (Kg		Cost of inputs	Gross income	Remarks	
1.						

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

S1.	Name	Deta	ils of production		Amount (Rs.)			
No	of the animal / bird / aquatics	Breed	Type of Produce	Qty. Cost of inputs Gross incor		Gross income	Remarks	
1.								
2.								
3.								

#### 6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

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

(For whole of the year)
6.6. Utilization of staff quarters-3Whether staff quarters has been completed: yes but damage No. of staffquarters:6Date of completion: 10.04.2013Occupancy details:

Months	QI	QII	Q III	QIV	Q V	QVI
Jan 2021 to Dec, 2021 (QIII Filled)			Vineet		Kamleshwari	Rana
May 2021 to Dec, 2021 (QV and Q VI)			Kumar,		Das, Tractor	Kumar,
			assistant		Driver	Jeep
						Driver

# 7. FINANCIAL PERFORMANCE

#### 7.1.Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number	
RAU Unit Krishi Vigyan	State Bank of India	Sheohar	11469257135	
Kendra				
RAU Unit Krishi Vigyan	State Bank of India	Sheohar	33304427751	
Kendra				
KVK, Sheohar-	State Bank of India	Sheohar	38690596886	
Miscellaneous				

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

Item	Released by ICAR		Expenditure		Unspent balance as on –
	Kharif	Kharif Rabi		Rabi	31.12.2021
Mustard		( OB as on 01.04.2020=0.169+ 0.791)		0.656	
Total		0.96		0.656	0.304

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

	Released by ICAR	Expen		
Item	Rabi + Summer	Summer	Rabi	Unspent balance as on 31.12.2021
Lentil	3.935		1.33064	1.16436
Green Gram		1.44		

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

Sl. No.	Particulars	Sanctioned (Rs. In Lakhs)	Released (Rs. In Lakhs)	Expenditure (Rs. In Lakhs)
A. Re	curring Contingencies			
1	Pay & Allowances	115.00	108.23	91.08666
2	Traveling allowances	0.48		0.17275
3	Contingencies			
Α	Stationary, telephone postage and other expenditure	5.00		2.56386
В	Training of Farmers			0.07015
C	Training Material (Poster, chart, demonstration material			
	including chemicals etc. req. for conducting the training)	2.00	10.0035	0.36820

D	Training of Extension Functionaries		l	0.01984
E	Training of Rural Youth		Ì	0.25690
F	Front line demonstration other than oilseed & pulses	1.00		0.0
G	OFT (on need based, location specific and newly			
	generated information in the major production systems of		Ì	
	the area)	0.75		0.00751
Н	Soil & water testing lab			0.0
Ι	Mantenance of building	0.5		0.0
J	Extension Activities/Exhibition, Kisan Mela etc	0.5		0.0
K	HRD	0.3		0.09
L	Swachhta Expenditure	0.2	0.11315	0.00
M	SCSP (Gen)	0.85	0.72242	0.266
N	SCSP (Cap)	0.6	0.27583	0.00
0	NARI	0.5	0.5	0.228
P	Grant under special programme	0.5	0.0	0.2493
	TOTAL (A)	128.18	119.8449	95.37917
B. No	on-Recurring Contingencies			
1	Work	0	0	0
2	Vehicle	0	0	0
3	Equipment & furnitures	0	0	0
4	Library	0	0	0
5	IT	0	0	0
6	Furniture	0	0	0
	TOTAL (B)	0	0	0
C. RE	EVOLVING FUND	0	0	0
	GRAND TOTAL (A+B+C)	128.18	119.8449	95.37917

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

Year	Opening balance as on 1 <sup>st</sup> April	Income during the year	Expenditure during the year	Net balance in hand as on 1 <sup>st</sup> April of each year (Kind + cash)
2019-20	590400	378825	760647.5	208577.5 (as per bank reconciliation of account& interest )
2020-21	208577.5	383568	505351.5	86794
2021-22	86794	327194	407992.5	5995.5 (C.B as on 31.12.2021)

#### 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

with derivity editied out with mile deputitions and fifthin f							
Nameof	Number of	Season	With line	With ATMA	With		
activity	activity		department		both		
Kharif	05	Kharif	Agriculture	05	05		
Workshop	00		righteutture				
Rabi Abhiyan	05	Rabi	Agriculture	05	05		
Kishan Mela	04	Kharif	Agriculture	02	02		
Kihsan Gosthi	11	Kharif	Agriculture	01	01		
Kisan Pathshala	10	Kharif & Rabi	Agriculture	10	10		
Farmer- scientist	06	Kharif & Rabi	Agriculture	06	06		
interaction	00		Agriculture				

# 8. Other information

8.1. Prevalent diseases in Crops

Name of the	Crop	Date of outbreak	Area affected (in	% Commodity loss	Preventive measures taken for area (in ha)
disease			ha)		
Sheat h Bligh t	Paddy	August- 2021	127	18.00	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Bacte rial stalk rot and Fall Army Wor m	Maize	August- December 2021	152	66.00	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Yello w vein mosa ic virus	Moong	May- 2021	66	31.00	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Leaf curl	Chilly & Tomato	May- 2021	157	27.00	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Bunc hy top of Bana na	Banana	Year round	5	5.70	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Late Bligh t	Potato	January- 2021	55	35.00	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Wilt Disea ses	Lentil	January- 2021	120	45.52	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Top Borer	Sugarca ne	March, May& June-2021	200	20.60	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Gum mosis	Mango	Round the year, 2021	43	36.00	Field visit and diagnostic services given by the scientists of KVK, Sheohar
Dieb ack	Mango	Round the year, 2021	36	18.00	Field visit and diagnostic services given by the scientists of KVK, Sheohar

#### 8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)
FMD, BQ, Mustatice , RP, Nurpakha , Dystopia , Diaria desentry ,	Cow, Bufallo, Goat, Hen, Fish and other domestic pet animals and birds.	June, July and August	2-3 %	3205	Spread of lime 20 kg/ha

#### 9.1. Nehru YuvaKendra(NYK) Training

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

# 9.2. PPV & FR Sensitization training Programme

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

#### 9.3. mKisanPortal (National Farmers' Portal/ SMSPortal)

Type of message	No. of messages	No. of farmers covered
Crop	3600	5200
Livestock	1455	2000
Fishery	155	975
Weather	7025	7025
Marketing	265	265
Awareness	900	900
Training information	250	450
Other	78	140
Total		

#### 9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	447
2.	No. of farmers registered in the portal	5000

3.	Mobile Apps developed by KVK	-
4.	Name of the App	-
5.	Language of the App	-
6.	Meant for crop/ livestock/ fishery/ others	Crops
7.	No. of times downloaded	367

9.5 Kisan Mobile Advisory Services (KMAS)

Sl. No.	Discipline	No. of Advisories	No. of Messages (SMSs)	No. of Farmers
1.	Agronomy	2200	635	2600
2.	Plant Protection	2155	496	2500
3.	Agril. Engg.	1526	194	1512
4.	Horticulture	2185	425	2598
5.				

# 9.6. a. Observation of Swachha Bharat Programme/Pakhwara

Date/			No. of Pa	rticipants	
Duration of Observation	Activities undertaken	Staffs	Farmers	Others	Total
15-31 December, 2021	Cleaning of surrounding, plantation, Vermi - composting etc.	14	335	5	354

# b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	27	-
2. Basic maintenance	52	-
3. Sanitation and SBM	239	-
4. Cleaning and beautification of surrounding areas	6	-
<ol> <li>Vermicomposting/ Composting of biodegradable waste management &amp; other activities on generate of wealth for waste</li> </ol>	1	-
6. Used water for agriculture/ horticulture application	1	-
7. Swachhta Awareness at local level	15	20,000
8. Swachhta Workshops	3	-
9. Swachhta Pledge	1	-
10. Display and Banner	6	-
11. Foster healthy competition	2	-
12. Involvement of print and electronic	4	-

		•
media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	6	-
14. No. of Staff members involved in the activities	14	-
15. No of VIP/VVIPs involved in the activities	10	-
16. Any other specific activity (in details)	3	-
Total		20000

#### 9.7. Observation of National Science day

Date of Observation	Activities undertaken
-	-

## 9.8. Programme with SeemaSurakshaBal/ BSF Nil

Title of Programme	Date	No. of participants

## 9.9. Agriculture Knowledge in rural school

Name and address of	Date of visit to	Areas covered	Teaching aids used
school	school		
Ram janki Sarswati Sishu	14 November, 2021	155	Visual & Practical
Mandir, Sheohar			

Give good quality 1-2 photograph(s)

## 9.10. Details of 'Pre-Rabi Campaign' Programme

Date of progra	mme
No. of Union Mi attended the prog	nisters ramme
No. of Hon'ble (Loksabha/ Rajy. participate	: MPs nsabha) d
No. of State C Ministers	lovt.
MLAs Attended the programme	
Chairman ZilaPanchayat	
Distt. Collector/ DM	Par
Bank Officials	ticipants
Farmers	(No.)
Govt. Officials, PRI members etc.	
Total	
Coverage by I Darshan (Yes.	Door No)
Coverage by c channels (Nun	ther iber)

# 9.11. Details of Swachhta Hi Sewaprogramme organized

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

# 9.12. Details of MahilaKisan Divas programme organized

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

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

S1.	Name of Farmer	Address of the farmer	Innovation/ Leading in enterprise
No.		with contact no.	
		MalipokharBhinda,	
1	Sri ShivechandarSahni	Sheohar	Cereals
_		MalipokharBhinda,	
2	Sri ShivenarayanSah	Sheohar	Cereals
		MalipokharBhinda,	
3	Sri Narayan Sahni	Sheohar	Cereals
4	Sri NagendraSah	Bishahi, Sheohar	Cereals
5	Md. Khalikuzzama	Tajpur , Sheohar	Cereals
6	Sri Vijay Kumar Singh	Khairwadarp, Sheohar	Cereals
		Khairwadarp,	
7	Sri Sunil Kumar Singh	Sheohar	Cereals
8	Sri Alok Kumar Singh	Khairwadarp, Sheohar	Sugarcane
9	UmashankarTirvedi	Bisunpur, Sheohar	Cereals
10	Sri Ratneshchand Trivedi	Bisunpur, Sheohar	Cereals
		Madhopur Anant,	
11	Sri Ranjeet Kumar	Sheohar	Vegetable
12	Sri Ratneshwarprasad rai	Tajpur, Sheohar	Poultry
13	Sri Guddu Kumar	Kothia, Sheohar	Vegetable
14	UdayprakashKushwa	Kothia, Sheohar	Vegetable
15	Sri Rakesh Kumar	Harnahi, Sheohar	Cereals
16	Sri Raieev Kumar	Harnahi, Sheohar	Cereals
17	Sri Onkarnath Singh	Kahtarwa, Sheohar	Cereals
18	Sri Sunil Kumar Singh	Pradesia, Sheohar	Cereals
19	Sri Sudhir Kumar Singh	Pradesia Sheohar	Cereals
17	Sii Suunni Hunnai Singh	Mirjapurdhobabi	
20	Sri Gaurishankar Prasad	Sheohar	Cereals
21	Sri Rajesh Kumar	Kushar Sheohar	Mushroom
21		Miriapurdhobabi	
22	Sri Prabhunath Pandey	Sheohar	Cereals
23	Sri Gaurishankar Trivedi	Bisunnu Sheohar r	Cereals
23	Sri Ramkrinal Sharma	Harnahi Sheohar	Cereals
25	Sri GaurishankarMahto	Kothia Sheohar	Vegetable
25	Sri Arun Kumar Sharma	Kuma Piprahi	Sugarcane & Forestry
20	Sri Ramchadra Singh	Ratnapur Piprahi	Medicinal plant
21	Sir Kamenaura Siligii	AmbaDakshani	
28	Sri Chandan Kumar Singh	Piprahi	Sugarcane
20	Sri Kirpasindhu	Nava Gown Dinrahi	Cereals
30	Md Kuthuddin	Mahuawa Diprahi	Coreals
21	Md. Samim	Mahuawa, Fiprani	Cereals
20	Sei Denenath Malta	Hamur Direchi	Vagetable
32	Sii Denanaunwianto	Norovonese Disect	vegetable
24	Sri Kaju Iviisnra	Narayanpur, Piprahi	Sugarcane
34	Sri Sivendrathakur	Narayanpur	Sugarcane
35	Sri Rambabu singh	Belwa, Piprahi	Sugarcane
26		DekuliDharmpur,	
36	Sri Gagan dev Manjhi	Piprahi	Cereals
37	Sri Ghanshyamkushwaha	DekuliDharmpur,	Cereals

				80
		Piprahi	1	
38	Sri Shambhu Singh	Kataiya, Piprahi	Vegetable	
		DekuliDharmpur,		
39	Sri Sujeetbharti	Piprahi	Cereals & Sugarcane	
		DekuliDharmpur,		
40	Sri Rameshwar Pandey	Piprahi	Cereals	
		DekuliDharmpur,		
41	Sri Sandip Bharti	Piprahi	Cereals	
		DekuliDharmpur,	~ .	
42	Sri Pankaj Pandey	Piprahi	Cereals	
10		DekuliDharmpur,		
43	Sri Jagdishbharti	Piprahi	Cereals	
		DekuliDharmpur,		
44	Sri ShivendraSahni	Piprahi	Cereals	
45	Sri Pramod Tiwari	Naya Gown, Piprahi	Cereals	
46	Md. Fasiuddin	Amba North, Pıprahı	Cereals	
47	Sri Mukesh Kumar	BasaiyaShekh	Cereals	
48	Sri Sanjay Kumar	Belwa, Piprahi	Vegetable	
49	Sri Ravindranath Yadav	Parsauni, Piprahi	Cereals	
50	Sri Rana Randhir Singh	AmabaUttari, Piprahi	Sugarcane	
		Jahangir pur,		
51	Sri Alok Kumar Singh	DumriKatshari	Vegetable	
		Jahangirpur,DumriKat		
52	Sri Rajmagal sing	shari	Cereals	
		Jahangirpur,DumriKat		
53	Sri Akisheshkumar	shari	Cereals	
		Jahangirpur,DumriKat	~ .	
54	Sri Basant Kumar	shari	Cereals	
		Jahangirpur,DumriKat		
55	Sri Ramsewak Singh	shari	Cereals	
57		Jahangirpur,DumriKat		
56	Sri Jagat Singn	shari	Cereals	
57	Sui Ashalt Kuman Sinah	Janangirpur,DumriKat	Carroals	
57	SII Ashok Kullar Siligh	Silari	Cereais	
59	Sri DanuSah	Janangirpur, Dummkat	Vagatabla	
38	Sh Papusan	Silari	vegetable	
50	Sri Dilin Kumar	shari	Caraals	
39		Inhangirpur DumriKat	Cereais	
60	Sri Rai Kumar Singh	shari	Cereals	
00		Jahangirpur DumriKat		
61	Sri Ram Avodhiya Rai	shari	Vegetable	
01		Iahangirnur DumriKat	Vegetable	
62	Sri Umakant Singh	shari	Cereals	
63	Sri Sonelal Singh	Iahangirnur	Vegetable	
05		Jahangirpur DumriKat	Vegetable	
64	Sri Bhunnarayan Singh	shari	Cereals	
04		Iahangirnur DumriKat		
65	Sri Santosh Kumar Singh	shari	Vegetable	
00		Iahangirnur DumriKat		
66	Sri Ramkrinal Singh	shari	Cereals	
		Iahangirnur DumriKat		
67	Sri Binod Singh	shari	Cereals	
<i></i>		Jahangirnur DumriKat		
68	Sri Ramlal Singh	shari	Cereals	
00		Iahangirnur DumriKat		
69	Sri Deva Singh	shari	Cereals	
<i></i>		Jahangirnur DumriKat		
70	Sri Nandlal Singh	shari	Cereals	
, ,		011011	0010010	

			81
1	1	Jahangirpur.DumriKat	l
71	Sri Mahesh Singh	shari	Cereals
		Jahangirpur,DumriKat	
72	Sri Krishna Singh	shari	Cereals
		Jahangirpur,DumriKat	
73	Sri Rajendra Singh	shari	Cereals
74	Sri Saligram Singh	Bhora,DumriKatshari	Potato
		Jahangipur,DumriKats	~ .
75	Sri Chandeshwar Thakur	hari	Cereals
76	Sri UmashakarKuwar	Rajadih, Taryani	Potato
77	Sri HarendraSah	Atkauni, Taryani	Vegetable
78	Sri Schinand Singh	Narwara, Taryani	Cereals
79	Sri RamdevSah	Narwara, Taryani	Cereals
80	Sri RamchandraSah	Narwara, Taryani	Cereals
81	Sri Kanbir Singh	Narwara, Taryani	Cereals
82	Sri Krishna Kumar	Narwara, Laryani	Vegetable
83	Sri Lalan Kumar Singh	Narwara, Taryani	Cereals
84	Sri Sanjeev Kumar Singh	Narwara, Taryani	Cereals
85	Sri Shankar Bhagat	Narwara, Laryani	Cereals
86	Sri Deepak Sah	Narwara, Taryani	Cereals
87	Sri Ram NayanKumwar	Narwara, Taryani	Cereals
88	Sri Lalan Singh	Narwara, Taryani	Cereals
89	Sri Priorie Kumer	Narwara, Taryani	Vegetable
90	Sri Kajesh Kumar	Knurpatti, Taryani	Vegetable
91	Sri Santosh Kumar	Atkauni, Laryani	Cereal
92	Sri Damasharlar Dai	Bindawan, Faryani	Veretable
93	Sri Ramashankar Rai	Rajadin, Laryani	Vegetable
94	Sri KapilSah	Diliuawali, Taryalii Daiadih Taryani	Vegetable
95	Sri Deigeh Kumar	Rajaulii, Fai yalii Rajadih Tamani	Coroels
90 07	Sri Rambinod Vaday	Rajadih, Laryani	Cereals
97	Sri Ramprawesh Singh	Rajadih, Taryani	Cereals
99	Sri Gaurishakar Singh	Rajadih, Taryani	Vegetable
100	Sri Gonal Singh	Rajadih, Taryani	Vegetable
100	Shi Gopur Shigh	BokharChandiya	· cgettore
101	Sri Bhaskar Kumar	Purnahia	Sugarcane
102	Sri Abdhesh Jha	Dostiva Purnahia	Sugarcane
103	Sri Dhrub Singh	Dostiva, Purnahia	-
		BokharChandiva.Purn	
104	Sri Parbhat Kumar	ahia	Cereals
		BokharChandiya,Purn	
105	Sri Rajeev Kumar Dube	ahia	Sugarcane
106	sri Narendra Jha	Dostiya,Purnahia	Sugarcane
107	Sri Udaikantjha	Dostiya,Purnahia	Honey bee
108	Sri Pawan Kumar Mishra	-	-
		Khaira	
109	Ratneshwar Kumar	Pahari,Purnahia	-
110	Sri BisundevMahto	Dostiya,Purnahia	Cereals
		Dostiya (Khaira	
111	Sri RavindraSah	Pahari ),Purnahia	Cereals
112	Sri Ram Avadh Tiwari	Basantpatti,Purnahia	Sugarcane
113	Sri Amarjeet Kumar	Adauri, Purnahia	Cereals
114	Sri Sohanprasad Singh	Adauri,Purnahia	Cereals
115	Sri RamchandraPaswan	Adauri,Purnahia	Cereals
116	Sri Ramprsad Singh	Adauri, Purnahia	Sugarcane
117	Sri Shambhunath Singh	Adauri,Purnahia	Sugarcane
118	Sri Maheshwar Singh	Adauri,Purnahia	Sugarcane

119	Sri Drubnarayn Singh	Ashopu,Purnahia	Cereals
		Brahigagdish,Purnahi	
120	Sri Pawan Kumar	a	Cereals
		Brahigagdish,Purnahi	
121	Sri Shive Kumar Tiwari	a	Sugarcane
122	Sri Naveen Kumar	Bairiya,Purnahia	Cereals
123	Sri Rajeev Kumar Singh	Sanoul,Purnahia	Honey bee
124	Sri Raju Kumar Singh	Sanoul,Purnahia	Honey bee
		Brahigagdish,	
125	Md. SoyebAlam	Purnahia	Honey bee
126	Sri Manoj Kumar Singh	Meenapur Balha	Organic Vegetables
127	Sri Awadhesh Jha	Dostiya	Papaya grower

#### 9.14. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Booking of training hall	1500	
2.	Mango fruit sell	1410	
3.	Awla	470	
4.	Bottle guard	380	
5.	Wheat straw	1000	
6.	Vermicompost	1500	

#### 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

SI.	Activities		Physical Achievement		
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries		
a.	Farmer				
b.	Women				
с.	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)				
с.	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, v accination camp etc.)				

#### b. Fund received under TSP in 2017-18 (Rs. In lakh):

# c. Achievements of physical outcomeunder TSP during 2017-18

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

#### d. Location and Beneficiary Details during 2017-18

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

#### 12.Details of SCSP

Sl.	Activities	Physical A	chievement
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.)		

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

Natural Resource Management Nil

Name of intervention	Numbers under taken u	No	Area (ha)		N	0 0	f far be	mer: enefi	s cov tted	reed	/		Domorika
undertaken		units		SC	,	ST	<b>.</b>	Oth	ner	Tot	al		Remarks
				Μ	F	Μ	F	Μ	F	Μ	F	Т	

#### Crop Management

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

#### Livestock and fisheries Nil

Name of intervention undertaken	Number of	No of	Area (ha)	No of farmers covered / benefitted						Remarks			
	animals covered	units											
				SC		ST	I	Oth	ner	Tot	tal		
				Μ	F	Μ	F	Μ	F	Μ	F	Т	

#### Institutional interventions Nil

Name of intervention undertaken	No of units	Area (ha)	ľ	No of farmers covered / benefitted							Remarks	
			SC ST O			Oth	ner	Tot	al			
			Μ	F	Μ	F	Μ	F	Μ	F	Т	

Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC ST				Othe	er	Total		
		Μ	F	Μ	F	Μ	F	М	F	Т

#### Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC ST			Oth	er		Total		
		Μ	F	Μ	F	Μ	F	М	F	Т

#### 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

S1.	Name of the Award	Name of the Farmer	Address	Contact No.	Aadhar No.	Amount	Purpose	Conferring Authority
1.	Abhinav	Smt. Rani	W/o-	8877731483	741703225080	5000/-	Innovation	Vice-
	Puraskar	Devi	Vinay				in	Chancellor
			Shankar				agriculture	of
			Chaudhary,					RPCAU,
			Mahuariya,					Pusa
			Sheohar					

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)

							<b>D</b> '	
Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Finan cial positi on (Rupe es in lakh)	Success indicator
1.	Sheohar farmer producer company	U01400BR20 18PTC038676	2018	Production, Processing, marketing	Spices	514	6140 00	Working in good conditio n
2.	Bagmati Diara farmers producer company	U01100BR20 20PTC048647	2020	Rice-Wheat, vine crop	Cucurbits	42	1000 00	Newly started
3.	Samarpit farmer producer company	U011148BR2 020PTC04851 7	2020	Vegetable, Banana, Medicinal, Bio- pesticide	Bio- pesticide	37	1000 00	Newly started
4.	Gold kisan club, Harnahi (East)	23/2017-18	2017-2018	Production of organic inputs	Vermicomp ost	27	-	-
5.	Durga Kisan club, Guthanni	15/2017-18	2017-2018	Kanchan Amrit	Bio- pesticide	31	-	-
6.	Safal Kisan club, Hathisar	8/2018	2018	Production of organic inputs	Vermicomp ost +Bio- pesticide	26	-	
7.	Harit Kranti Kisan club, Minapur Balha	02/2017-18	2017-2018	Production of organic inputs	Vermicomp ost +Bio- pesticide	32	-	

# 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

	To. Component Name No. of Components established	No. of	Area	No. of A	ctivities	No. of farmers benefited	
Sl. No.		(ha)	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	Sugarcane	For synthesizing the	1,63,130	85	

base	ed reropping	best intercropping	farmer	s in 200 ha
inter	and	system with sugarcane	land	
syste	em	and OFT was		
		conducted by KVK,		
		Sheohar. The		
		treatment consisted of		
		pure as well as		
		intercropping with		
		Green gram, Cowpea		
		and Lady's finger.		
		Sugarcane grown with		
		Green gram proved		
		outstanding		
		combination for		
		getting maximum		
		vield and economic		
		return		
2				

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

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

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

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 Nil

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.)
2017-18							
2019							
2020							
2021							

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

Thomatic area	Thematic area of trainingTitle of the trainingDuration (in hrs.)	Duration	No. of participants						Fund utilized for			
of training		S	С	S	Т	Ot	her		Tot	al	the training ( $\mathbf{P}_{\rm S}$ )	
or training		(III III'S.)	Μ	F	Μ	F	Μ	F	Μ	F	Т	the training (KS.)

#### 22. Information of NARI Project (if applicable) NA

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

Progress Information of NARI Project

#### a. Details of established Nutrition Garden in Nutri-Smart village

S1.	Name of Nutri-Smart Village	Type of Nutrition Garden	Number	Area (sqm)	No. of beneficiaries
1.		Backyard/Kitchen garden			
2. Community level					
3.	3. Terrace Garden				
4.	4. Sheohar Vertical Garden		01	150	01
	TOT	AL	01	150	01

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

Name of Nutri- Smart Village	Season	Activity (OFT/FLD)	Category of crop (cereal/ pulses/oilseed/ fruits & veg./ others	Name of Crop	Variety	Area (ha)	No. of benefi- ciaries
Khairwadarp, Fatehpur, Lalgarh, Madhopur anant, Shyampur Bhatha,	Rabi, 2021-22	FLD	cereal	Wheat	PBW-1Zn BHU-25	3.6 ha	13

#### c. Value addition in Nutri-Smart village Nil

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 (Now start)

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

#### 23. Activities under KSHAMTA

NA

Number of Adopted Villages	No. of A	Activities	No. of farmers benefited			
rumber of ruspied (mages	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. oj	f farmer	s benefi	tted			No. of officials
		S	SC	ST	Г	Oth	ners		Total	attended the	
		M	F	M	F	M	F	М	F	Т	programme
KKA-I											
KKA-II											

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

Name of	No. of		Fotal quantity	distribut	ed		١	No. o	f far	mers	bene	efited	l		No. of other officials
programme	Programme	Seed (q)	Planting material (lakh)	Input (kg)	Other (kg/ No.)	So M	C F	ST M	Г F	Oth M	ers F	7 M	Fotal	Т	(except KVK) attended the programme
KKA-I															
KKA-II															

#### C. Livestock and Fishery related activities Nil

			Activitie	es performed	-		]	No. o	f far	mers	bene	efited			No. of
Name of	No of	No. of	No of	Feed/	Any other (Distributio	S	С	S	Г	Oth s	ner S		Fotal		other officials (except
programm e	Programm e	animals vaccinate d	animals deworme d	nutrient supplement s provided (kg)	n of animals/ birds/ fingerlings) [No.]	М	F	М	F	М	F	М	F	Т	KVK) attended the programm e
KKA-I															
KKA-II															

#### D. Other activities Nil

Nome of			]	No. o	f far	mers	bene	efited	l		No. of other officials (except KVK)
Name of	Activities	S	С	S	Г	Oth	ers	1	Fotal	l	attended the programme
programme		Μ	F	Μ	F	Μ	F	Μ	F	Т	
KKA-I	Soil Health Card Distributed										
	NADEP										
	Pit established										
	Farm implements distributed										
	Others, if any										
KKA-II	Soil Health Card Distributed										

	90
NADEP	
Pit established	
Farm implements distributed	
Others, if any	

#### Krishi Kalyan Abhiyan- III

				No. c	of far	mers l	benef	itted			Any other if any
No. of villages covered	No. of animal inseminated	S	С	S	Г	Oth	ers	L ·	Γotal		(pl_specify)
		Μ	F	Μ	F	М	F	Μ	F	Т	(pr. speerry)

# 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
1.					



OFT: Observation plot



OFT : Check plot

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



CFLD Green gram



OFT Trial



OFT Trial



Distribution of inputs under CFLD



Mushroom production technique



Training under nutritional security



# Bee keeping training



Proliferation of Mushroom



Celebrated International Women's Day



Advisory Service



Advisory Servi



Certificate distribution



Diagnostic visit of Banana crop



Demo of Drone in agriculture



Paper clippings

खुशी देते हे तो आप

हेर्निङ एण्ड

# किसानों के बीच मुर्गी का चूजा वितरित

शिवहर (एसएनबी)। कृषि विज्ञान केंद्र शिवहर तत्वाधान में भारत सरकार द्वारा वित्त पोषित अनुसूचित जाति उप योजना के अंतर्गत शिवहर प्रखंड के शिवहर कोठिया गांव के गरीब एवं भूमिहीन अनुसूचित जाति के किसानों को मुर्गे का वनराजा किस्म के 20 से 40 चूजो को मुफ्त वितरण किया



गया है। कृषि वैज्ञानिक सह जिला .षि समन्वयक डॉ संजय कुमार राय ने बताया है कि इस योजना का मुख्य उद्देश्य गरीब अनुसूचित जाति के परिवारों को लघु उद्योग के रूप में अपने हातो में मुर्गी पालन कर अपनी आय को दोगुना करना एवं स्वरोजगार सृजित करना है।डॉक्टर राय ने बताया है कि इन चूजों में नर व मादा दोनों चूजो का वितरण किया जा रहा है जिससे

किसान इनके अंडों से घरेलू स्तर पर बच्चे बना कर इनकी संख्या में वृद्धि कार्य स्वरोजगार को बढ़ा सकेंगे और अपनी जीवनशैली रहन-सहन में आशातीत सुधार हो सके। इस अवसर पर केंद्र के अन्य वैज्ञानिकों में डॉक्टर आर प्रसाद, आशुतोष कुमार आदि सहित मुर्गी पालक किसान मौजूद थे।

Paper clippings

# Demo of Drown in agriculture CRA, PROJECT

# Rabi Season, 2020 -2021

S1.	Technology	A	rea	Beneficiaries
No.		T(Acre)	A(Acre)	
1.	Rice-Wheat Cropping System	15	15	15
2.	Raised bed planting of maize	70	70	70
3.	Zero tillage of wheat	375	367	370
4.	Zero tillage of lentil	50	50	50
5.	Zero tillage of mustard	50	50	50
6.	Potato based farming system	3	3	10
7.	Intercropping of maize with	30	30	30
	potato			
	Total	593	585	595
Summ	er, 2021			

छान

Zero tillage green gram	250	250	250

101

Table2. Yield and pe	ercent enhancement of	crops under different	technologies in Rab	i season (2020-21).

S.	Name	Average Grain Yield (c	Average S	% increase		
<b>N.</b>	ofTechnology	Demo	Local Check	Demo Local		(Yield)
					Check	
1.	Zero Tillage					
	Wheat	40.85	34.87	60.92	51.22	12.00
2	Daired Dad					12.80
Ζ.	Wheet	10.55	26.09	61.00	52.09	
	wheat	42.55	30.98	01.00	52.98	13.37
3.	NE/Green Seeker					
	Based					
	Nutrient	12.00	27.10	54.10	41.00	
	Management	43.00	37.10	54.12	41.00	13.78
4.	Zero Tillage					
	Lentil	11.61	8.71	20.99	17.00	
_	<b>N</b> 1 N 1					25.44
5.	Raised Bed		0.11			
	Mustard	11.50	8.11	36.05	26.31	30.51
6.	Raised Bed					
	Maize	115.99	98.56	197.31	166.33	
						15.44
7.	Maize with			171.22+0	140.00+0	
	potato	102 11 116 15 010 06	83.77+98.00=	171.00	140.00	10 11
0	Intercropping	103.11+116.15=219.26	181.//	=1/1.22	=140.00	10.11
δ.	Raised bed	250	202			
	Polalo	230	205	-	-	20.01

# Table 3. Economics under different technologies in Rabi season (2020-21).

Sl. N.	Name of Technology	Cost of Cultivation (Rs/ha)		Gross Return (Rs/ha)		Net Return (Rs/ha)		B:C Ratio	
		Demo	Local Check	Demo	Local Check	Demo	Local Check	Demo	Local Check
1.	Zero tillage Wheat	28720	34810	89816	76551	61096	41741	3.12	2.19
2.	Raised Bed Wheat	34900	34000	93186	80982	59286	46982	2.67	2.38
3.	NE/Green Seeker based Nutrient Management	29000	34600	93043	81390	64043	46790	3.20	1.85
4.	Zero Tillage	20500	21100	62360	46971	41860	26871	3.04	2.33

	Lentil								
5.	Raised Bed	27900	25000	69848	53068	41948	28068	2.50	1.68
	Mustard								
6.	Raised Bed Maize	48600	45700	139656	118104	91356	73904	2.87	2.57
7.	Maize with potato	59200	55300	264816	217128	205616	161282	4047	3.92
	intercropping								
8.	Raised Bed	75400	70200	255000	204000	179600	133800	3.38	2.90
	Potato								

# Kharif, 2021

Technology	Demonstration	No. of	Grain	1	Straw		Net Return		B:C Ratio	
	(In Acre)	Beneficiarie	yield		yield		(INR)			
		S	(q/ha	)	(q/ha	)				
Direct Seeded	80	80	44.	34.	56.	51.	5700	30430	2.8	1.8
Rice (ZT+Drum			9	5	5	9	6		9	3
seede+Broadcasti										
ng)										
Transplanting	370	372	45.	33.	45.	42.	5456	31566	2.6	1.9
			6	9	9	2	4			2
Alternate wetting	60	65	37.	32.	47.	43.	4125	28956	2.3	1.8
/drying irrigation			5	4	6	4	0			5
Water harvesting	40	45	38.	33.	49.	42.	4218	280008	2.2	1.7
and field bunding			6	2	5	3	4		9	6
Nutrient expert/	25	25		34.	57.	46.	5437	31230	2.6	1.8
green seeker			45.	5	4	9	6		1	7
based nutrient			4							
management										
Community	15	6	56	47.	84	55.	8080	38925.	3.7	2.0
irrigation				6		5	0	5	1	8

# Action Plan (Rabi 2021-22)

Crop	Technology	Demonstration (In	No. of Beneficiaries	
•		Acre)		
Wheat	Zero Tillage	300	239	
Wheat	Raised bed	75	46	
wheat	Community irrigation	15	5	
Wheat	Nutrient expert /Green	25	15	
	seeker management			
Lentil	Zero tillage	50	80	
Mustard	Raise bed	50	46	
maize	Raised bed	70	88	
Maize +Potato	Intercropping	30	40	
Potato	Potato based farming	3	8	
	system			



Zero tillage of wheat at village Pardeshia



Raised bed planting of maize



Zero tillage of Lentil crop

# Sole crop of Potato



Community irrigation in paddy



Paddy crop at Paharpur



DSR at Hathisar



DSR at Harnahi



Paddy crop at Paharpur



# Training programme



Potato + Maize plot



Input Distribution at KVK Sheohar under CRA Project



Zero tillage of wheat at village Pardeshia


LCC training at Hathisar Fig.



Diagnostic Visit at CRA Village



Celebration of World Soil Day in Sugiya village, Sheohar



Input Distribution Under CFLD at KVK, Sheohar

Sr. Scientist & Head KVK, Sheohar