PROFORMA FOR ANNUAL REPORT2022(1st January-31st December2022)

1. GENERAL INFORMATION ABOUT THE KVK

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

Name and address of KVK	Telephone		E-Mail
	Office	FAX	
Krishi Vigyan Kendra, Bhagwanpur Hat, Siwan	6287797168	-	head.kvk.siwan@rpcau.ac.in

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

Name and address of Host Organization	Telephone		E mail
	Office	FAX	
Dr. Rajendra Prasad Central Agricultural University, Pusa, Bihar	06274-240226	06274-240255	vc@rpcau.ac.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Anuradha Ranjan Kumari	-	6287797168	head.kvk.siwan@rpcau.ac.in

1.4. Year of sanction of KVK: 2004

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

Sl. No.	Sanctioned post	Name of the Incumbent	Designation	Discipline	Pay Scale with Present Basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1.	Senior Scientist& Head	Dr. Anuradha Ranjan Kumari	Senior Scientist &Head	Home Science Extension Education	131400-204700 143600	16.07.2019	Permanent	Others
2.	Subject Matter Specialist	Er. K. B. Chhetri	SMS	Agril. Engg. (Post-Harvest Technology)	56100-177500 63100	01.02.2019	Permanent	Others
3.	Subject Matter Specialist	Miss Sarita Kumari	SMS	Home Science	56100-177500 56100	08.03.2022	Permanent	SC
4.	Subject Matter Specialist	Dr. Harsha B. R.	SMS	Crop Production	56100-177500 56100	10.03.2022	Permanent	OBC
5.	Subject Matter Specialist	Dr. Nandeesha C. V.	SMS	Plant Protection	56100-177500 56100	10.03.2022	Permanent	EWS
6.	Subject Matter Specialist	Dr. Pratyush Kumar	SMS	Veterinary Science	56100-177500 56100	26.08.2022	Permanent	OBC
7.	Subject Matter Specialist	Dr. Jonah Dakho	SMS	Horticulture	56100-177500 56100	24.03.2022	Permanent	ST
8.	Programme Assistant	Sri Arun Kumar	Lab Technician	Environmental Science	35400-112400 40900	18.12.2017	Permanent	OBC
9.	Computer Programmer	Vacant	-	-	-	-	-	-
10.	Farm Manager	Vacant	-	-	-	-	-	-
11.	Accountant / Superintendent	Sri Abhishek Kumar	Assistant	B. Tech. (ECE)	35400-112400 39900	23.11.2017	Permanent	Others
12.	Stenographer	Sri Harsh Kumar	Stenographer	B.A. (Economics)	25000-81000 28700	21.02.2018	Permanent	Others
13.	Driver	Sri Suman Kumar	Jeep Driver	B.A (History)	21700-69100 21700	27.02.2021	Permanent	SC
14.	Driver	Sri Raj Kishor Paswan	Tractor Driver	10th	21700-69100 21700	27.02.2021	Permanent	SC
15.	Supporting staff	Vacant	-					
16.	Supporting staff	Vacant	-					

1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	2.0
2.	Under Demonstration Units	1.5
3.	Under Crops	12.0
4.	Orchard/Agro-forestry	4.5
5.	Others with details	-
	Total	**20.00 ha**

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building					Completed		Use	ICAR
2.	Farmers Hostel					Completed			ICAR
3.	Staff Quarters (6)					Only three (3) Quarter Completed		Use	ICAR
4.	Piggery unit	-	-	-	-	-	-	-	Nil
5	Fencing					Completed			ICAR
6	Rain Water harvesting structure	-	-	-	-	-	-	-	Nil
7	Threshing floor					Yes		Use	ICAR &RKVY
8	Farm godown					Yes		Use	ICAR& RKVY
9.	Dairy unit	-	-	-	-	-	-	-	Nil
10.	Poultry unit	-	-	-	-	-	-	-	Nil
11.	Goatry unit	-	-	-	-	-	-	-	Nil
12.	Mushroom Lab	-	-	-	-	-	-	-	Nil
13.	Mushroom production unit	-	-	-	-	-	-	-	Nil
14.	Shade house					Yes		Use	MMHM
15.	Soil test Lab	-	-	-	-	Yes	-	Use	ICAR
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	2004-05	440525.95	384691.80	Not in working condition
Motor cycle (BR29Y9760)	2016-17	57000.00	10800.00	Good condition
Motor cycle (BR29Y9761)	2016-17	57000.00	7600.00	Good condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
MSTL (Mobile soil Test lab except bus price)	2018	42,48,489	Good condition	Bihar Govt.
Single distillation unit	2022	11,492.00	Good condition	ICAR
Auto Cut off system	2022	5732.00	Good condition	ICAR
Weighing balance	2022	25,836.00	Good condition	ICAR
b. Farm machinery				
Tractor (Massey Fergusson)	2004 -05	3,34,500	Bad	ICAR
Tractor (John Deere 55HP)	2019-20	6,12,036	Good condition	ICAR
Tractor(Massey Fergusson)	2019-20	4,82,076	Good condition	ICAR
Tractor (John Deere 55HP) CRA	2020-21	6,71,580.31	Good condition	Bihar Govt.
c. AV Aids				
LCD Multi Media Projector	2010	75,819	Bad	ICAR
LCD Multi Media Projector	2019	79,049	Good	ICAR
Digital camera	2009	24,880	Bad	ICAR
Digital camera	2010	12,990	Bad	ICAR
Digital camera	2015	13,900	Bad	ICAR

D) Farm implements

Name of equipment	**Year of purchase**	**Cost (Rs.)**	**Present status**	**Source of fund**
Rotavater	2010	-	Working	
Dal Mill	2011	-	Not Working	
Maize Sheller	2012	-	Not -Working	
Disc	2004-05,2012	-	Not working	
Leveler	2010	-	Working	

Winnower	2010	-	Working	
M.B. Plough	2010	25,500.00	Not Working	
Hydraulic Trailer	2010	82,000.00	Working	
H.F. 1A Disc Harrow	2010	25,000.00	Working	
M.F. Cultivator 9 Tyre	2010	12,100.00	Working	
Cage Wheel	2010	5,900.00	Working	
Zero-till machine	2009-10	-	Not working	
Mobile processing plant	2010-11	9,81,760.00	Not working	
Tractor operated laser land leveler	2020	2,91,200.00	Working	ICAR
Zero till seed cum fertilizer	2020	43,120.00	Working	ICAR
Rotavater	2020	114917.00	Working	ICAR
Happy seeder	2020	158747.00	Working	ICAR
Multi crop thresher	2020	128800.00	Working	ICAR
Potato planter	2020	97500.00	Working	ICAR
Power Weeder	2020	47600.00	Working	ICAR
Hydraulic disc	2020	84000.00	Working	ICAR
Ripper cum binder	2020	520000.00	Working	ICAR
Potato digger	2020	117500.00	Working	ICAR
Rice transplanter	2020	222800.00	Working	ICAR
Mini Dal Mil	2020	94500.00	Working	ICAR
Boom sprayer	2020	160499.00	Working	ICAR
Happy Seeder	2021	155098.00	Working	Bihar Govt.
Multi crop planter- 02	2021	99799.00	Working	Bihar Govt.
Riper cum binder	2021	342000.00	Working	Bihar Govt.
Tractor operated laser land leveler	2021	248000.00	Working	Bihar Govt.
Tractor Trailer	2021	143400.00	Working	Bihar Govt.
Cultivator	2021	29430.00	Working	Bihar Govt.

Disk plow	2021	94657.00	Working	Bihar Govt.
Tractor Drawn leveler	2021	18000.00	Working	Bihar Govt.
Dhan Machine Theser with 1HP Motor	2021	11800.00	Working	ICAR

1.8. Details SAC meeting* conducted in the year- Not conducted in the year 2022

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason

** 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 (2022)

<table>
<tr><td>Sl.No.</td><td>Items</td><td>Information</td></tr>
<tr><td>1</td><td>Major Farming system/enterprise</td><td>Crop production + Animal Husbandry,Production+ Mushroom, sugarcane + Animal Husbandry,cropproduction+Vegetable Production</td></tr>
<tr><td>2</td><td>Agro-climatic Zone</td><td>Middle Gangetic Plain Region (IV) [Planning Commission]
North West Alluvial Plain Zone (BI-1) [NARP]</td></tr>
<tr><td>3</td><td>Agro ecological situation</td><td>Guthani,Mairwa,Nautan,Andar,Jeeradei,Barharia,Maharajganj,Goriakothi,Lakarinabiganj,Punchrukhi,Siwansadar, Basantpur,Daraundha,Hasanpura,</td></tr>
<tr><td>4</td><td>Soil type</td><td>Sandy Loam, Saline Soil, Alkaline Soil</td></tr>
<tr><td>5</td><td>Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others</td><td>
<table>
<tr><th>Name of crop</th><th>Production (‘000 t)</th><th>Productivity (kg/ha)</th></tr>
<tr><td>Rice</td><td>151.3</td><td>1663</td></tr>
<tr><td>Maize</td><td>43.45</td><td>2448</td></tr>
<tr><td>Wheat</td><td>276.42</td><td>3050</td></tr>
<tr><td>Pulses</td><td>3.56</td><td>948</td></tr>
</table>
</td></tr>
<tr><td>6</td><td>Mean yearly temperature, rainfall, humidity of the district</td><td>
<table>
<tr><th>Month</th><th>Year</th></tr>
<tr><td>Record high °C</td><td>47.0</td></tr>
<tr><td>Average high °C</td><td>33.13</td></tr>
<tr><td>Daily mean °C</td><td>30.17</td></tr>
</table>
</td></tr>
</table>

		Average low °C: 24.15 Record low °C: 11.0 Average precipitation mm: 25.06 Average precipitation days (≥ 1.0 mm): 2.14 Average relative humidity (%): 50.19 Mean monthly sunshine hours: 10.78
7	Production of major livestock products like milk, egg, meat etc.	

Live stock	**Number**	**Live stock**	**Number**
Plough Animals	158185	Goat	196187
Cattle	232800	Pigs	11602
Cross bred	23994	Crossbred	1003
Indigenous	208806	Hens	47592
Buffaloes	401625	Desi	38823
Sheep	10489	Improved	218686
Cross bred	2571	Ducks	2060
Indigenous	7918	Turkey and others	312471

Note: Please give recent data only

2.b. Details of operational area / villages (2022)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1.	Siwan	Bhagwanpur Hat	Chorauli	Paddy Red gram	Low Productivity Traditional Variety	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package.
2.	Siwan	Basnatpur	Kumkumpur, Nagauli	Wheat Paddy	Low Productivity Traditional Variety	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package.
3.	Siwan	Goriyakothi	Saidpura	Red gram	Pest and Disease	Promotion of IPM and INM package.

4.	Siwan	Lakrinaviganj	Bhopatpur Bala	Paddy	Low Productivity Traditional Variety	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package.
5.	Siwan	Barhariya	Malik Tola	Paddy Wheat	Low Productivity Traditional Variety	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package.
6.	Siwan	Goriyakothi	Kaladumra, Karpaliya	Paddy, wheat, Mustard & Rapeseed , Maize, Pigeon pea, Moong bean	Low Productivity Traditional Variety Low use of RCTs	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package. RCTs like DSR, Zero tillage , mechanization etc.
7	Siwan	Barharia	Malik tola, Hariharpur	Paddy, Wheat, Mustard & Rapeseed , Maize, Pigeon pea, Moong bean	Low Productivity Traditional Variety Low use of RCTs	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package. RCTs like DSR, Zero tillage , mechanization etc.
8	Siwan	Daraundha	Ramgarh	Paddy, wheat, Mustard & Rapeseed , Maize, Pigeon pea, Moong bean	Low Productivity Traditional Variety Low use of RCTs	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package. RCTs like DSR, Zero tillage , mechanization etc.
9	Siwan	Maharajganj	Sikatiya	Paddy, wheat, Mustard & Rapeseed , Maize, Pigeon pea, Moong bean	Low Productivity Traditional Variety Low use of RCTs	Promotion for improving production of major cropping pattern for Siwan district. Promotion of IPM and INM package. RCTs like DSR, Zero tillage , mechanization etc.
10	Siwan	Zeeradei	Zeeradei	Mustard & Rapeseed, Lentil, Field pea, Gram	Irrigation , quality seed low productivity	Diversification of crops, formation of FPO, Providing assured community irrigation

2. c. Details of village adoption programme:

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

Name of village	**Block**	**Action taken for development**
Chorauli	Bhagwanpur hat	Training, Scientists visit to farmers fields, OFT,FLD, Cluster FLD, Exposure visit to Kisan Mela Pusa, Field day
Malik Tola	Barhariya	
Saipura	Goriyakothi	
Kumkumpur	Basantpur	
Bhopatpur Bhartiya	Lakrinabiganj	

Kala Dumra	Goreyakothi	
Saidpura	Goreyakothi	
Ganpaliya	Darauli	
Mirjumla	Bhagwanpur hat	
BarkaGaon	Bhagwanpur hat	
Sikatia	Maharajganj	
Ramgadha	Daraundha	

2.1 Priority thrust areas

S. No	Thrust area
1.	Emphasis on reclamation of saline and alkaline soil.
2.	Extension of climate resilient technologies like zero tillage, raised bed planting, RCT and direct seeded rice (DSR).
3.	Promotion for improving production of major cropping pattern for Siwan district.
4.	Empowerment and strengthening of rural farm women / Youth through income generating activity.
5.	Improving production capacity of milch animals.
6.	Self-employment generation through agricultural enterprises.
7.	Promotion of IPM and INM package.
8.	Promotion of Medicinal & aromatic plant.
9.	Promotion of high density orchard.
10.	Emphasis on farm mechanization and value addition
11.	Promotion of organic farming

3. TECHNICAL ACHIEVEMENTS

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

OFT												FLD										
No. of technologies tested:												No. of technologies demonstrated:										
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
12	14	84	15	09	0	0	57	24	72	33	105	18	19	450	53	17	-	-	325	78	428	95	523

Training											Extension activities										
Number of Courses		Number of Participants									Number of activities		Number of participants								
Target	Achievement	Target	Achievement								Target	Achievement	Target	Achievement							
			SC		ST		Others		Total					SC		ST		Others		Total	
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
150	172	4300	484	775	19	14	2678	788	3170	1619	4789	15000	18456	50000	6452	2415	0	0	25131	10167	31583	12582	52186

Impact of capacity building											Impact of Extension activities										
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T
1200	1315	12	4	0	0	69	13	81	17	98	15000	18456	6	2	0	0	16	5	22	7	29

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
600	800	1.00	1.2073

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
0	0	-	0.00304

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	01	Many	01	5.23	5.23	-	-
Seminar/conference/ symposia papers	04	Many					
Books							
Bulletins							
News letter							
Popular Articles	02	Many					
Book Chapter							
Extension Pamphlets/ literature							
Technical reports							
Electronic Publication (CD/DVD etc)							
TOTAL	07	Many					

3.1.1Achievements on technologies assessed and refined

OFT-1 (Animal Science)

1.	Title of On farm Trial	Assessment of using sorted and non-sorted semen straw for AI in crossbred /Indigenous cows
2.	Problem diagnosed	Less use of male calf and high demand of female calf
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO- Natural Insemination/ Artificial Insemination T1- Artificial insemination using frozen female sex-sorted semen T2- Artificial insemination using frozen non sex-sorted semen
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NDRI, Karnal, Haryana
5.	Production system and thematic area	Desired sex (male or female calf) and milk production
6.	Performance of the Technology with performance indicators	Conception rate, Pregnancy rate, Cost of insemination, Weight of calf on calving, Live calf up to 1 year
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	Higher cost of feeding
9.	Process of farmers participation and their reaction	Discussion with farmers during training programs, Observation during field visits

Thematic area: **Animal Science- Veterinary Science**

Problem definition: Less use of male calf and high demand of female calf

Technology assessed: TO- Natural Insemination/ Artificial Insemination

T1- Artificial insemination using frozen female sex-sorted semen

T2- Artificial insemination using frozen non sex-sorted semen

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of Input (Rs.)	Gross return (Rs)	Net return (Rs.)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
TO	7									
T1-	7									
T2-	7									

Results: Ongoing

OFT-2

1	**Title of On Farm Trial**	Assessment of impact of Azolla feed in indigenous cattle for milk yield
2	**Problem Diagnose**	Higher feeding cost for farmers
3	**Details of Technologies selected for assessment/refinement**	FP: Farmers' practice (No feed of additional concentrate mixture) T1 : Recommendation (Feeding of concentrate mixture @ 1.0 kg/3 lit milk yield) T2 : Intermediate (Feeding of Concentrate mixture @1.0 kg/3 lit milk yield + Azolla @ 1.5 kg/ day/head and reduced quantity of 1 kg concentrate from previous quantity)
4	**Source of Technology**	ICAR- National Dairy Research Institute, Karnal; Veterinary College, Shimoga, KVAFSU, Bidar, Karnataka
5	**Replication**	7
6	**Production System & Thematic Area**	Milk production and feed cost management
7	**Performance of Technology with performance indicator**	Average milk yield of 1 month, Spent cost on Concentrate Mixer and azolla during 1 month
8	**Constraints identified and feedback**	

	for research	
9	**Process of farmers participation and their reaction**	Field visits, group discussion and trainings

Thematic area: **Milk production and feed cost management**

Problem definition: Higher feeding cost for farmers

Technology assessed:
FP : Farmers' practice (No feed of additional concentrate mixture)
T1 : Recommendation (Feeding of concentrate mixture @ 1.0 kg/3 lit milk yield)
T2 : Intermediate (Feeding of Concentrate mixture @1.0 kg/3 lit milk yield + Azolla @ 1.5 kg/ day/head and reduced quantity of 1 kg Concentrate from previous quantity)

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of Input (Rs.)	Gross return (Rs)	Net return (Rs.)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
TO	7									
T1	7									
T2-	7									

Results: On going

OFT- 1 (Crop Production)

1	**Title of On Farm Trial**	Integrated nutrient management in rice based cropping pattern
2	**Problem Diagnose**	Indiscriminate use of fertilizers and micronutrient deficiency in paddy crop
3	**Details of Technologies selected for assessment/refinement**	**F.P.–** RDF (128:92:90 NPK kg ha^{-1}) **T.O.I–**Recommended Dose (120:60:40 kg ha^{-1}) **T.O.II–**Recommended Dose (120:60:40 kg ha^{-1}) + Zn (5 kg ha^{-1}) **T.O.III–**Recommended Dose (120:60:40 kg ha^{-1}) + B (1 kg ha^{-1}) **T.O.IV-**Recommended Dose (120:60:40 kg ha^{-1}) + Zn (5 kg ha^{-1}) + B (1 kg ha^{-1})
4	**Source of Technology**	Dr. RPCAU, Pusa
5	**Replication**	10
6	**Production System & Thematic Area**	Irrigated, up land and medium land, Seed production
7	**Performance of Technology with performance indicator**	Yield, Economics& BC ratio
8	**Constraints identified and feedback for research**	
9	**Process of farmers participation and their reaction**	Field visits, group discussion and trainings

Thematic area: **Crop Production INM**

Problem definition: Indiscriminate use of fertilizers and micronutrient deficiency in paddy crop

Technology assessed:

F.P. – RDF (128:92:90 NPK kg ha^{-1})

T.O.I– Recommended Dose (120:60:40 kg ha^{-1})
T.O.II– Recommended Dose (120:60:40 kg ha^{-1}) + Zn (5 kg ha^{-1})
T.O.III– Recommended Dose (120:60:40 kg ha^{-1}) + B (1 kg ha^{-1})
T.O.IV-Recommended Dose (120:60:40 kg ha^{-1}) + Zn (5 kg ha^{-1}) + B (1 kg ha^{-1})
Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of Input (Rs.)	Gross return (Rs)	Net return (Rs.)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
T1	10	18	80	18.33		35.04	23800	48200	24400	2.02
T2	10	23	110	21.65		36.24	22500	53400	30900	2.37
T3	10	26	128	22.32		37.78	23300	56000	32700	2.40
T4	10	24	122	21.94		37.01	23300	55910	32610	2.39
T5	10	28	134	24.09		38.92	25900	57080	33780	2.44

Results: Recommended Dose (120:60:40 kg ha-1) + ha-1) + B (1 kg ha-1) gave better returns compared to all other treatments also this treatment provided fulfillment of all the required micro nutrients in the crops. There was significant increase in BC ratio compare to all treatments.

OFT-2

1	**Title of On Farm Trial**	Improvement of Nitrogen Use Efficiency in Wheat based cropping system
2	**Problem Diagnose**	Excessive use of chemical fertilizer and Spiraling price of urea leads to increase in cost of cultivation
3	**Details of Technologies selected for assessment/refinement**	**F.P.–** RDF (100:40:20) Kg/ha **T.O.I–**50% of RDN & 100% PK + nano urea @4ml/lt. water (Single spray at 35 DAS). **T.O.II–**50% of RDN & 100% PK + 2 sprays of Nano Urea at (35 DAS) and (60-65DAS) @ 4 ml/lt water.
4	**Source of Technology**	ICAR-IIWBR, Karnal
5	**Replication**	10
6	**Production System & Thematic Area**	Unirrigated, up land and medium land, Seed production
7	**Performance of Technology with performance indicator**	Yield, Economics& BC ratio
8	**Constraints identified and feedback for research**	
9	**Process of farmers participation and their reaction**	Field visits, group discussion and trainings

Thematic area: **Crop Production (INM)**

Problem definition: Indiscriminate use of fertilizers and micronutrient deficiency in wheat crop

Technology assessed:

F.P. – RDF (100:40:20) Kg/ha

T.O.I– 50% of RDN & 100% PK + nano urea @4ml/lt. water (Single spray at 35 DAS).

T.O.II– 50% of RDN & 100% PK + 2 sprays of Nano Urea at (35 DAS) and (60-65DAS) @ 4 ml/lt water.

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of Input (Rs.)	Gross return (Rs)	Net return (Rs.)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
T1	10									
T2	10									
T3	10									

Results: Ongoing

OFT 1 (Agricultural Engineering)

1	Title of On Farm Trial	Effect of different packaging materials on the shelf life of Oyster mushroom	
2	Problem Diagnose	• Highly perishable • Enzymatic browning • Oxidative deterioration	
3	Details of Technologies selected for assessment/refinement (Mention either Assessed or Refined)	Effect of different packaging materials on the shelf life of oyster mushroom	
		T_1 -Technology option I	LDPE films with perforation
		T_2 -Technology option II	Use of Plastic punnets with PVC film
		T_3 -Technology option III	Use of Plastic punnets (HIPS) with PVC film and oxygen scavenger
		T_4 -Technology option IV	Use of Plastic punnets (PVC) material with PVC film and oxygen scavenger
4	Source of Technology	Dr. Y. S. Parmar University of Horticulture & Forestry, Solan, HP, India	

5	Replication	5
6	Production System & Thematic Area	Food processing and preservation
7	Performance of Technology with performance indicator	Data will be recorded • Weight • Colour analysis • Shelf-life • Sensory evaluation
8	Constraints identified and feedback for research	Farmers are complaining about shelf life of the mushroom. They are taking their product to the market and within few days product quality was not acceptable.
9	Process of farmers participation and their reaction	Face to face interaction with farmers.

Thematic area: Food processing and preservation

Problem definition: Highly perishable, enzymatic browning, Oxidative deterioration

Technology assessed:

Table:

Treatments	**Sensory evaluation(Out of 10 point scale)**		**Weight loss after 3 days of ambient storage (in %)**
	Shape	**Colour**	
T_1- LDPE films with perforation	2.8±0.32	2.9±0.28	20.60±0.15
T_2 -Use of plastic punnets with PVC film	5.1±0.52	5.7±0.48	18.60±0.25
T_3- Use of plastic punnets (HIPS) with PVC film and oxygen scavenger.	6.7±0.56	6.4±0.54	14.90±0.35
T_4- Use of plastic punnets (PVC) with PVC film and oxygen scavenger	5.6±0.61	6.3±0.58	15.65±0.42

Results: All technology options performed better than farmer practice (T1). T3 has lowest weight loss as well as best sensory evaluation score. Overall T3 performed better than others.

OFT-2

1	Title of On Farm Trial	Assessment of improved weeding implements for weeding in gram.
2	Problem Diagnose	Low efficiency and high drudgery of farm labour during conventional weeding in gram.
3	Details of Technologies selected for assessment/refinement (Mention either Assessed or Refined) Assessed	T_1 -Technology option I **:** Khurpi
		T_2 -Technology option II **:** Three tyne Grubber
		T_3 -Technology option III **:** Three tyne wheel hand hoe
4	Source of Technology	• DRPCAU, Pusa • Central Institute of Agricultural Engineering (CIAE-Bhopal)
5	Replication	7
6	Production System & Thematic Area	Rainfed and Drudgery reduction
7	Performance of Technology with performance indicator	• Field capacity (ha/h) ,Weeding efficiency (%), Weeding cost
8	Constraints identified and feedback for research	Weeding cost is very high. Unavailability of labour& machine.
9	Process of farmers participation and their reaction	Face to face interaction with farmers.

Thematic area: Rainfed and Drudgery reduction

Problem definition: Low efficiency and high drudgery of farm labour during conventional weeding in gram.

Table:

Treatments	Field capacity (ha/h)	Weeding Efficiency (%)	Weeding cost (in Rs.)
T_1-Farmer Practices(Khurpi)	0.0019±0.28	94±0.25	14675.00
T_2 -3-tyne Grubber	0.0040±0.68	66±0.91	6975.00
T_3-3-tyne Wheel hand hoe	0.0058±1.30	74±1.05	4900.00

Results: The weeding efficiency of Khurpi was observed (94%) and 3-tyne wheel hand hoe (74%) and three tyne grubber (66%) respectively. Work output of 3-tyne wheel hand hoe is observed (0.0058ha/h), 3-tyne grubber (0.004 ha/h) and the Khurpi (0.0019 ha/h). 3-tyne Wheel hand hoe was observed to be most economical as far weeding cost required.

OFT-1 (Home Science)

1.	Title of On farm Trial	Assessment of preparation method of Litchi Squash
2.	Problem diagnosed	Preservation of Litchi Squash by traditional methods.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Sell fruits to processors at very low or throw away price Formulation - ingredients (Product specifications) Litchi pulp: 25%, TSS:40°B, Acidity:0.8%, 350 ppm SO2 Formulation - ingredients (Product specifications) Litchi pulp: 25%, TSS:45°B, Acidity:1.2%, 350 ppm SO2
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	N.R.C.Litchi, Muzffarpur, Bihar.
5.	Production system and thematic area	Small scale processing and value addition.
6.	Performance of the Technology with performance indicators	The taste and keeping quality of technology option Two is better than technology option One. T1 & T2 is better than farmers practice.
7.	Final recommendation for micro level situation	The taste and keeping quality of technology option Two is better than technology option One. T1 & T2 is better than farmers practice.

8.	Constraints identified and feedback for research	The preparation methods of litchi squash is more scientific.
9.	Process of farmers participation and their reaction	Face to face interaction, training and demonstration

Thematic area: Small scale processing and value addition.

Problem definition: Preservation of Litchi Squash by traditional methods.

Technology assessed: Formulation - ingredients (Product specifications) Litchi pulp: 25%, TSS:40°B, Acidity:0.8%, 350 ppm SO2
Formulation - ingredients (Product specifications) Litchi pulp: 25%, TSS:45°B, Acidity:1.2%, 350 ppm SO2

Table: Sensory characteristic of litchi squash after storage

Treatments	Sensory evaluation (Out of 09 point hedonic scale)					Shelf life (Days)					
	Taste	Texture	Colour	Flavour	Overall acceptability	0	15	30	45	60	75
Farmers practice	-	-	-	-	-	-	-	-	-	-	-
T1: Formulation – ingredients: Litchi pulp: 25%, TSS:40°B, Acidity:0.8%, 350 ppm SO2	8.2	7 .7	7.5	8.2	7.8	Good	Good	Good	Good	Good	Slightly taste change

T2:Formulation - ingredients :Litchi pulp: 25%, TSS:45°B, Acidity:1.2%, 350 ppm SO2	8.4	7.8	7.9	8.2	8.4	Good	Good	Good	Good	Good	Good

Results: The taste and keeping quality of technology option two is better than technology option one. T1 & T2 is better than farmers practice.

OFT: 2 (Home Science)

1	**Title of On Farm Trial**	Assessment of Dung Collector for cleaning of animal shed
2	**Problem Diagnose**	Cleaning of animal shed activities can cause Musculoskeletal Disorders (MSDs), Occupational Health Hazards and Drudgery
3	**Details of Technologies selected for assessment/refinement**	**FP:**Traditional method for collection of dung **T1:**Gopal Khore (AICRP, FRM, College of Home Science, VNMKV, Parbhani, Maharashtra **T2:**Dung collector (AICRP, FRM, College of Home Science, GBPUA&T, Pantnagar)
4	**Source of Technology**	AICRP Family Resource Management, College of Home Science, VNMKV, Parbhani, Maharashtra and Department of Family Resource Management, College of Home Science, GBPUA&T., Pantnagar
5	**Replication**	7
6	**Production System & Thematic Area**	Drudgery reduction technology
7	**Performance of Technology with performance indicator**	Reduction of MSDS, drudgery, health hazards, reduction in time and labor cost and increase in work efficiency
8	**Constraints identified and feedback for research**	
9	**Process of farmers participation and their reaction**	Face to face interaction with farmers, Training and KishanGosthi

Thematic area: Small scale processing and value addition.

Problem definition: Cleaning of animal shed activities can cause Musculoskeletal Disorders (MSDs), Occupational Health Hazards and Drudgery

Technology assessed: FP: Traditional method for collection of dung

T1: Gopal Khore (AICRP, FRM, College of Home Science, VNMKV, Parbhani, Maharashtra

T2: Dung collector (AICRP, FRM, College of Home Science, GBPUA&T, Pantnagar)Table: Sensory characteristic of litchi squash after storage

Table:

Activities	Frequency coefficient	Difficulty coefficient	Average time spent coefficient	Drudgery index
FP				
T1				
T2				

Results: Ongoing

OFT: 3

1	**Title of On Farm Trial**	Assessment of Revolving Milking Stool and Stand for Milking activities in Animal Husbandry
2	**Problem Diagnose**	Different Ergonomics problem faced by Animal Husbandry workers in Milking activities
3	**Details of Technologies selected for assessment/refinement**	**FP:** Traditional bucket **T1:** Revolving Milking Stool and Stand **T2:**Milking Stand with Stool
4	**Source of Technology**	AICRP, FRM, College of Home Science, VNMKV, Parbhani, Maharashtra AICRP, FRM, College of Home Science, MPUAT, Udaipur, Rajasthan)
5	**Replication**	7
6	**Production System & Thematic Area**	Ergonomics problem reduction technologies
7	**Performance of Technology with performance indicator**	Strain, Health Hazards, Drudgery, Physiological cost of work (PCW), Energy expenditure, Musculoskeletal Problems, Feasibility of Technology & Acceptability
8	**Constraints identified and feedback for research**	
9	**Process of farmers participation and their reaction**	Face to face interaction with farmers, Training, KishanGosthi

Thematic area: Ergonomics problem reduction technologies

Problem definition: Different Ergonomics problem faced by Animal Husbandry workers in Milking activities

Technology assessed: FP: Traditional bucket

T1: Revolving Milking Stool and Stand

T2: Milking Stand with Stool

Table:

Activities	Frequency coefficient	Difficulty coefficient	Average time spent coefficient	Drudgery index
FP				
T1				
T2				

Results: Ongoing

OFT: 4

1	**Title of On Farm Trial**	Assessment of developed Ragi - Wheat Composite Laddoo enriched with Drumstick (*Moringaolefera*) leaves for reproductive age Women
2	**Problem Diagnose**	Lack of knowledge about nutritional value of Moringa leaves and malted Ragi –wheat flour
3	**Details of Technologies selected for assessment/refinement**	**FP:** Use of Ragi and wheat as a flour and none of the use of Moringa leaves **T1:**95% malted Ragi-wheat flour mix, 5% drumstick leaves powder, Ghee 10% and Sugar 15% **T2:** 90 % malted Ragi-wheat flour mix, 10 % drumstick leaves powder, Ghee 10% and Sugar 20% **T3:**85 % malted Ragi-wheat flour mix, 15 % drumstick leaves powder, Ghee 10% and Sugar 20%
4	**Source of Technology**	Department of Food Biotechnology, Faculty of Agriculture and Veterinary Science, JyotiVidyapeeth Women's University, Jaipur, Rajasthan
5	**Replication**	7
6	**Production System & Thematic Area**	value addition
7	**Performance of Technology with performance indicator**	Sensory evaluation, Cost & Shelf life
8	**Constraints identified and feedback for research**	
9	**Process of farmers participation and their reaction**	Face to face interaction with farmers, Training, KishanGosthi

Thematic area: value addition

Problem definition: Lack of knowledge about nutritional value of Moringa leaves and malted Ragi –wheat flour

Technology assessed: FP: Use of Ragi and wheat as a flour and none of the use of Moringa leaves

T1: 95% malted Ragi-wheat flour mix, 5% drumstick leaves powder, Ghee 10% and Sugar 15%

T2: 90 % malted Ragi-wheat flour mix, 10 % drumstick leaves powder, Ghee 10% and Sugar 20%

T3: 85 % malted Ragi-wheat flour mix, 15 % drumstick leaves powder, Ghee 10% and Sugar 20%

Treatments	Sensory evaluation (Out of 09 point hedonic scale)					Shelf life (Days)					
	Taste	Texture	Colour	Flavour	Overall acceptability	0	15	30	45	60	75
Farmers practice											
T1:											
T2											
T3											

Results: Ongoing

OFT- 1 (Plant Protection)

Thematic area: **IPM**

1	**Title of On Farm Trial**	Assessment of management practices for Red banded caterpillar in Mango
2	**Problem Diagnose**	Lack of knowledge about Red banded caterpillar symptoms and management among farmers
3	**Details of Technologies selected for assessment/refinement**	FP: spray of chlorpyriphos as and when symptoms appear TO1: Collection and destruction of all fallen fruits + Spray deltamethrin 0.0028 % (deltamethrin 2.8 EC@ 1ml/lit) at marble size and repeat after two weeks TO2: Two sprays of thiacloprid 21.7 SC 0.04 % (@ 2ml/lit) at 25-30 days interval.
4	**Source of Technology**	ICAR-CISH, Lucknow
5	**Replication**	10
6	**Production System & Thematic Area**	Integrated pest management
7	**Performance of Technology with performance indicator**	Pest incidence and yield will be measured
8	**Constraints identified and feedback for research**	
9	**Process of farmers participation and their reaction**	Field visits, group discussion and trainings

Problem definition: Lack of knowledge about Red banded caterpillar symptoms and management among farmers

Technology assessed:

FP: spray of chlorpyriphos as and when symptoms appear
TO1: Collection and destruction of all fallen fruits + Spray deltamethrin 0.0028 % (deltamethrin 2.8 EC@ 1ml/lit) at marble size and repeat after two weeks

TO2: Two sprays of thiacloprid 21.7 SC 0.04 % (@ 2ml/lit) at 25-30 days

Interval. Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of Input (Rs.)	Gross return (Rs)	Net return (Rs.)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
T1	10									
T2	10									
T3	10									

Results: on goining

OFT- 2

1	**Title of On Farm Trial**	Management of nematode in important vegetable crops.
2	**Problem Diagnose**	Lack of knowledge about nematode problems in important vegetable crops.
3	**Details of Technologies selected for assessment/refinement**	FP: Not aware of symptoms and management. TO1: Soil solarization with polythene (40 μ m) white sheet for two weeks + Soil Treatment: *Pseudomonas fluorescens* @ 20 gm/m^2 + *Trichoderma viride* @ 50 g/m^2 + Seed Treatment: *Pseudomonas fluorescens* @ 10 gm/m^2 + *Trichoderma viride* @ 10 g/m^2 TO2: Fluensulfone (Nmitiz) 2G @ 2.5 gm/m^2 or carbofuran 3g @ 3.6 g/m^2
4	**Source of Technology**	IARI, New Delhi
5	**Replication**	7
6	**Production System & Thematic Area**	Integrated pest management
7	**Performance of Technology with performance indicator**	Nematode population, RKI and crop yield will be analysed
8	**Constraints identified and feedback for research**	
9	**Process of farmers participation and their reaction**	Field visits, group discussion and trainings

Thematic area: **IPM**

Problem definition: Lack of knowledge about nematode problems in important vegetable crops.

Technology assessed:

FP: Not aware of symptoms and management.
TO1: Soil solarization with polythene (40 μ m) white sheet for two weeks + Soil Treatment: *Pseudomonas fluorescens* @ 20 gm/m^2 + *Trichoderma viride* @ 50 g/m^2 + Seed Treatment: *Pseudomonas fluorescens* @ 10 gm/m^2 + *Trichoderma viride* @ 10 g/m^2

TO2: Fluensulfone (Nmitiz) 2G @ 2.5 gm/m^2 or carbofuran 3g @ 3.6 g/m^2

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of Input (Rs.)	Gross return (Rs)	Net return (Rs.)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
T1	7									
T2	7									
T3	7									

Results: On going

OFT- 1 (Horticulture)

1	**Title of On Farm Trial**	Assessment of microbial consortia against wilting in Solanaceous crops
2	**Problem Diagnose**	Poor yield due to old wilting infestation in brinjal
3	**Details of Technologies selected for assessment/refinement**	FP: Chemical pesticides T1: IIHR, Consortia (Arka microbial consortia) T2: NRC litchi Consortia
4	**Source of Technology**	ICAR-IIHR, Bangalore and ICAR-NRC, Litchi, Muzaffarpur
5	**Replication**	7
6	**Production System & Thematic Area**	Vegetable Production
7	**Performance of Technology with performance indicator**	Disease incidence and crop yield will be analysed
8	**Constraints identified and feedback for research**	
9	**Process of farmers participation and their reaction**	Field visits, group discussion and trainings

Thematic area: Vegetable Production

Problem definition: Poor yield due to old wilting infestation in brinjal

Technology assessed:

FP: Chemical pesticides
T1: IIHR, Consortia (Arka microbial consortia)

T2: NRC litchi ConsortiaTable:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of Input (Rs.)	Gross return (Rs)	Net return (Rs.)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
T1	7									
T2	7									
T3	7									

Results: Ongoing

OFT -2

1	**Title of On Farm Trial**	Assessment of fruit Bagging in guava for quality improvement.
2	**Problem Diagnose**	Guava fruits are prone to sun burn and cracking fetching low return
3	**Details of Technologies selected for assessment/refinement**	FP: No bagging T1: Cellophane bag cover T2: Paper bagging
4	**Source of Technology**	ICAR-CISH, Lucknow
5	**Replication**	7
6	**Production System & Thematic Area**	Fruit production
7	**Performance of Technology with performance indicator**	Fruit cracking and crop yield will be analysed
8	**Constraints identified and feedback for research**	
9	**Process of farmers participation and their reaction**	Field visits, group discussion and trainings

Thematic area: Fruit Production

Problem definition: Guava fruits are prone to sun burn and cracking fetching low return

Technology assessed:

FP: No bagging
T1: Cellophane bag cover

T2: Paper bagging

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of Input (Rs.)	Gross return (Rs)	Net return (Rs.)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
T1	7									
T2	7									
T3	7									

Results: Ongoing

3.1.2 Technology Assessed by KVK (Discipline wise)

	Technologies assessed under various crops by KVKs (Crop Production)			
	Thematic areas	Number of the technologies (Technology Interventions)	No. of trials	No. of Locations
1	Integrated Nutrient Management	02	08	20
2	Varietal Evaluation			
3	Integrated Pest Management	02	06	17
4	Integrated Crop Management			
5	Integrated Disease Management	01	03	07
6	Small Scale Income Generation Enterprises			
7	Weed Management			
8	Resource Conservation Technology			
9	Farm Machineries			
10	Integrated Farming System			
11	Seed / Plant production			

12	Post Harvest Technology / Value addition	04	20	05
13	Drudgery Reduction	03	21	07
14	Storage Technique			
15	Others (Pl. specify) fruit production	01	03	07
16	Cropping Systems			
17	Farm Mechanization			
18	Others			
	Total	**06**	**20**	**51**
	Technologies assessed under livestock by KVKs			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Disease Management			
2	Evaluation of Breeds			
3	Feed and Fodder management			
4	Nutrition Management	01	03	07
5	Production and Management	01	03	07
6	Processing and value addition			
7	Others (Pl. specify)			
	Total	**02**	**06**	**14**
	T**echnologies assessed under various enterprises by KVKs**			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery reduction	01	03	07
2	Entrepreneurship Development			
3	Health and nutrition			
4	Processing and value addition	01	04	05
5	Energy conservation			
6	Small-scale income generation			
7	Storage techniques			
8	Household food security			
9	Organic farming			

10	Agroforestry management			
11	Mechanization			
12	Resource conservation technology			
13	Value Addition			
14	Others			
	Total	**02**	**07**	**12**
	T**echnologies assessed under various enterprises for women empowerment**			
	Thematic areas	No. of technologies (Technology Interventions)	No. of trials	No. of locations
1	Drudgery Reduction	02	06	14
2	Entrepreneurship Development			
3	Health and Nutrition			
4	Value Addition	02	07	14
5	Others			
	Total	**04**	**13**	**28**

3.2 **Achievements of Frontline Demonstrations during 2022**

A. Details of FLDs conducted during the year 2022

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (acre)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.	Paddy	Crop Production	Swarna sub-1	0.5	0.5	0	0	0	0	5	0	5	0	5	
2.	Paddy	Crop Production	Rajshree	2	2	0	1	0	0	4	0	4	1	5	
3.	Paddy	Crop Production	BPT5204	3	3	0	1	0	0	9	0	9	1	10	
4.	Wheat	Crop Production	DBW-187	2	2	0	0	0	0	5	0	5	0	5	
5.	Wheat	Crop Production	BHU-25	1	1	0	0	0	0	4	0	4	0	4	

Details of farming situation

Sl.No.	Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)				Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
					N	P_2O_5	K_2O	OC					
1.	Paddy	Kharif	Irrigated	Sandy loam	190	58	105	0.6	Wheat	June	October	570	21
2.	Wheat	Rabi	Irrigated	Sandy loam	178	64	115	0.7	Paddy	October	March	30	06

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

B. Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Mustard	Crop Production	PM 30	10	05	16.00	13.00	15.38	25000	46350	21350	1.86	27800	55870	28070	2.01
Total			10	05	16.00	13.00	15.38	25000	46350	21350	1.86	27800	55870	28070	2.01

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

Pulses

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Green gram	IPM	Thiamethoxam 25WG	112	40	1140	865	24.12	14418	37952	23534	2.63	14163	28920	14757	2.04
	Total		112	40	1140	865	24.12	14418	37952	23534	2.63	14163	28920	14757	2.04

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

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

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Cabbage	IPM	Indoxacarb 14.5 SC	10	2	-	-	In progress	-	-	-	-	-	-	-	-
Marigold	Flower Production	Pusa Narangi	30	04				60000	200000	120000	3.33	59000	120000	61000	2.00
Chilli	Vegetable Production	Kashi Amol	45	4			-	112800	291500	178700	2.58	108000	213000	105000	1.97
Brinjal	Vegetable Production	Kashi Sandesh	55	8			-	108500	304600	196100	2.80	95496	243000	147504	2.54
Tomato	Vegetable Production	Kashi Aman	40	5			-	93284	286942	193658	3.07	89900	189250	99350	2.10
Onion	Varietal evaluation	Agrifound Light Red NHRDF Red NHRDF Red-3	16	1.5			In progress	-	-	-	-	-	-	-	-
	Total		196	24.5											

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

Other crops

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

Demonstration details on crop hybrid varieties

Crop	Name of the Hybrid	No. of Farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
				Demo	Local check	% change	GrossCost	GrossReturn	NetReturn	BCR
Cereals										
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total Cereals										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total Oilseeds										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (Pl. specify)										
Total Pulses										
Vegetable crops										
Bottle gourd										
Capsicum	Kashi Amol	45					112800	291500	178700	2.58
Cucumber										
Tomato	Kashi Aman	40	05	-	-	-	93284	286942	193658	3.07
Brinjal	Kashi Sandesh	55	08	-	-	-	108500	304600	196100	2.80
Okra										
Onion	Agri found	16	1.5	-	-	-	-	-	-	-

	Light Red NHRDF Red NHRDF Red-3									
Potato										
Field bean										
Others (Pl. specify)Chilli	Kashi Amol	45	04	-	-	-	112800	291500	178700	2.58
Total Veg. Crops										
Commercial Crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total Commercial Crops										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total Fodder Crops										

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

** BCR= GROSS RETURN/GROSS COST

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry	Poultry production	Backyard poultry	38	900	Ongoing												
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (Poultry Feed)	Poultry production	Backyard poultry	38	38	Ongoing												

Total																		

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

Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl.specify)																	
Total																	

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

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)	Enterprise development	50	01	AmlaMurabba	Test	35	With jiggery	Test	10	15	5	1.5	500	750	250	1.5
Total		50	01													

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

** BCR= GROSS RETURN/GROSS COST

Women empowerment

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

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor required (man days/ ha)		Cost (Rs./ha)	
					Demonstration	Check		Demonstration	Check	Demonstration	Check
Seed cum ferti drill machine	Paddy	Direct Seeded Rice	15	6	-	-	-	4	25	4000	10000
Raise bed Planter	Maize	Raise bed Planting	15	6	-	-	-	4	35	6000	14000
Potato Planter	Potato	Potato cultivation by machine	20	4	-	-	-	14	83	12500	27000
Maize seller	Maize	Mannual maize seller	35	-	Maize seller	Time and cost	45 time deduction 20% cost increase	35	35	-	-

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

Farm Machinery

Category	Name of the implement / Equipment / Tool	Crop (if applicable)	No. of Technologies	No. of Demos	Area (ha)
Sowing and planting tools and machineries					
Sowing machinery	Seed cum ferti drill machine	Paddy	**01**	**15**	**6**
Sowing machinery	Raise bed Planter	Maize	**01**	**15**	**6**
Sowing machinery	Potato Planter	Potato	**01**	**20**	**4**
Intercultural operation tools and machineries					
Total					
Irrigation management tools and machineries					
Total					
Plant protection tools and machineries					
Total					
Harvesting tools and machineries					
Total					
Postharvest processing tools and machineries					
Total					
Total mechanization tools and machineries					
Total					
Others					
Total					
Grand Total					

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Paddy	Farmers are happy with technology provided.
2	Potato	Farmers are happy with technology provided.
3	Maize	Farmers are happy with technology provided.

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	11.01.2022, 01.04.2022, 02.03.2022, 26.09.2022, 13.11.2022, 19.12.2022	6	122	
2.	Farmers Training	05.07.2022, 06.7.2022, 07.07.2022, 08.07.2022, 04.10.2022, 05.12.2022, 19.05.2022, 17.12.20222, 06.08.2022, 29.8.2022, 09.11.2022, 09.12.2022	12	238	
3.	Media coverage	-	4	Many	
4.	Training for extension functionaries	-	-	-	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif, Rabi and summer 2021-2022

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha) 7 years	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Pigeon Pea	Desi Local	15.00	970	1667	25-30	R. Arhar-1 Seed, Bio fertilizer, Micro Nutrient Insecticide, Pesticides	25	10	18.5	15.00	17.25	-	-	-
2	Chick pea	Local	11	1020	1147	20-22	GNG-1581 Seed, Bio fertilizer, Micro Nutrient Insecticide, Pesticides	32	10	13.50	11.00	12.25			
3	Filed pea	Local	9.2	1060	1041	20-25	Azad-3, HFP4 Seed, Bio fertilizer, Micro Nutrient Insecticide, Pesticides	39	10	23.00	19.00	21.00			
4	Lentil	Desi	11.1	875	1147	20-25	HUL-57 Seed, Bio fertilizer,	56	20	24.00	20.00	22.00			

							Micro Nutrient Insecticide, Pesticides								
5	Green gram	Desi	7.1	500	698	15-18	Virat Seed, Bio fertilizer, Micro Nutrient Insecticide, Pesticides	35	10	15.00	11.00	13.00			
	Mustard	Desi	13.0	-	-	18-20	R. Suflam Insecticide, Bio fertilizer, Micronutrient	139	30	16.0	13.0	14.5			
	Sunflower	Desi	10.0	-	-	15-16	KBSH-41 Insecticide, Bio fertilizer, Micronutrient	58	20	12.0	10.25	11.12			
	Soybean	Desi	9.1	-	-	14-16	P-1241 Insecticide, Bio fertilizer, Micronutrient	56	20	15.3	12.5	13.9			

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
	R. Arhar-1 Seed, Bio fertilizer, Micro Nutrient Insecticide, Pesticides	18800	47250	28450	2.51	22000	69500	47500	3.15
	GNG-1581	21600	64300	43100	3.03	25200	96200	71000	3.81

	Seed, Bio fertilizer, Micro Nutrient Insecticide, Pesticides								
	Azad-3, HFP4 Seed, Bio fertilizer, Micro Nutrient Insecticide, Pesticides	19450	49000	29550	2.51	20850	57100	36250	2.73
	HUL-57 Seed, Bio fertilizer, Micro Nutrient Insecticide, Pesticides	18900	51200	32300	2.7	21700	63120	41420	2.91
	Virat Seed, Bio fertilizer, Micro Nutrient Insecticide, Pesticides	20700	39900	19200	1.92	28300	75150	46850	2.65
	R. Suflam Insecticide, Bio fertilizer, Micronutrient	25000	46350	21350	1.86	27800	55870	28070	2.01
	KBSH-41 Insecticide, Bio fertilizer, Micronutrient	22000	51000	29000	2.31	24700	66440	41740	2.69
	P-1241 Insecticide, Bio fertilizer, Micronutrient	35200	70700	35500	2.01	39400	114650	75250	2.91

C. Socio-economic impact parameters 2022

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
	R. Arhar-1 Seed, Bio fertilizer, Micro Nutrient Insecticide, Pesticides	1850	1700	65	35	15	Livelihood, education and status	65
	GNG-1581 Seed, Bio fertilizer,	1257	965	55	50	35	Livelihood, education and	80

	Micro Nutrient Insecticide, Pesticides						status	
	Azad-3, HFP4 Seed, Bio fertilizer, Micro Nutrient Insecticide, Pesticides	1280	1080	62	70	20	Livelihood, education and status	70
	HUL-57 Seed, Bio fertilizer, Micro Nutrient Insecticide, Pesticides	1220	970	65	80	50	Livelihood, education and status	60
	Virat Seed, Bio fertilizer, Micro Nutrient Insecticide, Pesticides	980	820	56	30	50	Livelihood, education and status	70
	R. Suflam Insecticide, Bio fertilizer, Micronutrient	1600	1400	70	10	110	Livelihood, education and status	55
	KBSH-41 Insecticide, Bio fertilizer, Micronutrient	1200	900	55	30	200	Livelihood, education and status	50
	P-1241 Insecticide, Bio fertilizer, Micronutrient	1530	1100	50	80	250	Livelihood, education and status	70

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

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	Pigeon Pea, Rajendra Arhar-1	Very Well	Highly Preferred	Highly	No	Yes Marginal Farmer	More seed, More fund & Technology Agent should be available
2	Chick Pea, GNG-1581	Very Well	Highly Preferred	Highly	No	Yes Marginal Farmer	More seed, More fund & Technology Agent should be available
3	Lentil, HUL 57	Very Well	Highly Preferred	Highly	No	Yes Marginal Farmer	More seed, More fund & Technology Agent should be available
4	Field Pea, Azad-3 HFP-4/ GDFP-1	Very Well	Highly Preferred	Highly	No	Yes Marginal Farmer	More seed, More fund & Technology Agent should be available
5	Green Gram, Virat	Very Well	Highly Preferred	Highly	No	Yes Marginal Farmer	More seed, More fund & Technology Agent should be available
6	Mustard, Rajendra suflam	Very Well	Highly Preferred	Highly	No	Yes Marginal Farmer	More seed, More fund & Technology Agent should be available
7	Sunflower, KBSH-41	Very Well	Highly Preferred	Highly	No	Yes Marginal Farmer	More seed, More fund & Technology Agent should be available
8	Soybean, P1241	Very Well	Highly Preferred	Highly	No	Yes Marginal Farmer	More seed, More fund & Technology Agent should be available

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
HYV	Well	Very good	Responded positively
IDM	Well	Very good	Responded positively
IPM	Well	Very good	Responded positively
INM	Well	Very good	Responded positively
IPM	Well	Very good	Responded positively

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training	06.08.2022	25
2	Training	29.08.2022	45
3	Training	09.11.2022	80
4	Field day	11.01.2022	25
5	Field day	02.03.2022	17
6	Field day	26.09.2022	28
7	Field day	13.11.2022	32
8	Field day	19.12.2022	20

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	3,62,400.00	3,59,650.00	2750.00
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field Day)			
	iv)Publication of literature			
	Total	**3,62,400.00**	**3,59,650.00**	**2750.00**

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

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)	4	44	3	47	7	0	7	0	0	0	51	3	54
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	06	56	42	98	09	35	44	0	0	0	65	77	142
Training and pruning													
b) Fruits													
Layout and Management of Orchards	01	0	12	12	0	02	02	0	0	0	0	14	14
Cultivation of Fruit													
Management of young plants/orchards	01	13	01	14	02	0	02	0	0	0	15	01	16
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	01	14	01	15	02	0	02	0	0	0	16	01	17
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management	01	20	03	23	02	0	02	0	0	0	22	03	25
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any													
e) Tuber crops													
Production and Management technology	2	24	6	30	6	2	8	0	0	0	30	8	38
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	4	38	7	45	14	12	26	0	0	0	52	19	71
Post-harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
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	4	2	70	72	8	124	132	-	-	-	10	194	204
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	01	34	0	34	0	0	0	0	0	0	34	0	34
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition	01	0	9	9	0	42	42	0	0	0	0	51	51
Post-Harvest Technology	01	1	4	05	0	30	30	0	0	0	01	34	35
Others, if any	07	145	42	187	4	15	19	0	0	0	149	57	206
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	**34**	**391**	**200**	**591**	**54**	**262**	**316**	**0**	**0**	**0**	**445**	**462**	**907**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping	05	93	59	152	01	28	29	0	0	0	94	87	181
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture	1	36	3	39	0	0	0	0	0	0	36	3	39
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	01	0	8	8	0	32	32	0	0	0	0	40	40
Production of quality animal products													
Dairying													
Sheep and goat rearing	2	23	24	47	7	20	27	02	06	08	32	50	82
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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	**9**	**152**	**94**	**246**	**8**	**80**	**88**	**2**	**6**	**8**	**162**	**180**	**342**

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

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

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	11	0	11	4	3	7	0	0	0	15	3	18
Resource Conservation Technologies	1	16	6	22	5	0	5	0	0	0	21	6	27
Cropping Systems													
Crop Diversification													
Integrated Farming													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Water management	1	28	0	28	4	0	4	0	0	0	32	0	32
Seed production	2	24	3	27	6	0	6	0	0	0	30	3	33
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs	1	20	0	20	0	0	0	0	0	0	20	0	20
Others, (cultivation of crops)	4	45	19	64	14	2	27	0	0	0	59	21	80
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	10	109	41	150	53	15	68	0	0	0	162	56	218
Training and pruning													
b) Fruits													
Layout and Management of Orchards	02	30	03	33	06	02	08	0	0	0	36	05	41
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology	03	48	04	52	06	0	06	0	0	0	54	04	58
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	2	11	2	13	1	22	23	0	0	0	12	24	36
Production and use of organic inputs	1	6	0	6	2	0	2	0	0	0	8	0	8
Management of Problematic soils	1	22	0	22	0	0	0	0	0	0	22	0	22
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing	3	47	0	47	2	0	2	0	0	0	49	0	49
Others, if any													
IV. Livestock Production and Management													
Dairy Management	3	20	21	41	7	15	22	0	0	0	27	36	63
Poultry Management	1	12	3	15	0	0	0	0	0	0	12	3	15
Piggery Management	-												
Rabbit Management	-												
Disease Management	6	100	16	116	4	0	4	0	0	0	104	16	120
Feed management	1	14	0	14	4	0	4	0	0	0	18	0	18
Production of quality animal products													
Others, if any Goat farming	1	0	0	0	13	6	19	0	0	0	13	6	19
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	8	21	110	131	1	29	30	-	-	-	22	139	161
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	1	-	-	-	5	15	20	-	-	-	5	15	20
Minimization of nutrient loss in processing	1	-	-	-	2	31	33	-	-	-	2	31	33
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition	1	0	20	20	0	2	2	-	-	-	0	22	22
Income generation activities for empowerment of rural Women													
Location specific drudgery	1	-	-	-	2	16	18	-	-	-			

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
reduction technologies											2	16	18
Rural Crafts													
Capacity building													
Women and child care	2	0	13	13	0	31	31	-	-	-	0	44	44
Others, if any	4	97	9	106	28	6	34	-	-	-	125	15	140
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	1	44	0	44	5	0	5	0	0	0	44	05	49
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements	15	275	21	296	23	06	29	17	08	25	315	35	350
Small scale processing and value addition	4	8	23	31	34	77	111	0	0	0	42	100	142
Post-Harvest Technology													
Others, if any	04	212	24	236	50	20	70	0	0	0	262	44	306
VII. Plant Protection													
Integrated Pest Management	12	202	51	253	31	08	39	0	0	0	233	90	323
Integrated Disease Management	11	161	28	189	45	25	70	0	0	0	206	53	259
Bio-control of pests and diseases	01	15	0	15	0	0	0	0	0	0	15	0	15
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	**110**	**1598**	**417**	**2015**	**357**	**331**	**699**	**17**	**8**	**25**	**1967**	**792**	**2759**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements	03	46	0	46	07	0	07	0	0	0	53	0	53
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	2	0	7	7	0	49	49	-	-	-	0	56	56
Production of quality animal products													
Dairying													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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	04	53	0	53	06	0	06	0	0	0	53	06	59
Tailoring and Stitching													
Rural Crafts	1	10	12	22	2	3	5	-	-	-	12	15	27
Others, if any	1	0	0	0	7	33	40	-	-	-	7	33	40
TOTAL	**11**	**109**	**19**	**128**	**22**	**85**	**107**	**0**	**0**	**0**	**125**	**110**	**235**

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	8	0	8	2	0	2	0	0	0	10	0	10
Integrated Pest Management	01	135	08	143	10	0	10	0	0	0	145	08	153
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements	03	285	19	304	31	04	35	0	0	0	316	23	339
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security	1	0	14	14	0	6	6	-	-	-	0	20	20
Women and Child care	2	0	17	17	0	7	7	-	-	-	0	24	24
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL	**8**	**428**	**58**	**486**	**43**	**17**	**60**	**0**	**0**	**0**	**471**	**75**	**546**

G) Consolidated table (ON and OFF Campus)

i. Farmers& Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	11	0	11	4	3	7	0	0	0	15	3	18
Resource Conservation Technologies	1	16	6	22	5	0	5	0	0	0	21	6	27
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management	1	28	0	28	4	0	4	0	0	0	32	0	32
Seed production	2	24	3	27	6	0	6	0	0	0	30	3	33
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs	1	20	0	20	0	0	0				20	0	20
Others, (cultivation of crops)	8	89	22	111	21	2	34	0	0	0	110	24	134
TOTAL	**14**	**188**	**31**	**219**	**40**	**5**	**56**	**0**	**0**	**0**	**228**	**36**	**264**
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	16	165	83	248	62	50	112	0	0	0	227	133	360
TOTAL	**16**	**165**	**83**	**248**	**62**	**50**	**112**	**0**	**0**	**0**	**227**	**133**	**360**
b) Fruits													
Training and Pruning													
Layout and Management of	03	30	15	45	06	04	10	0	0	0	36	19	55

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Orchards													
Cultivation of Fruit													
Management of young plants/orchards	01	13	01	14	02	0	02	0	0	0	15	01	16
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	01	14	01	15	02	0	02	0	0	0	16	01	17
Others, if any(INM)													
TOTAL	**5**	**57**	**17**	**74**	**10**	**4**	**14**	**0**	**0**	**0**	**67**	**21**	**88**
c) Ornamental Plants													
Nursery Management	01	20	03	23	02	0	02	0	0	0	22	03	25
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL	01	20	03	23	02	0	02	0	0	0	22	03	25
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology	02	24	06	30	06	02	08	0	0	0	30	08	38
Processing and value addition													
Others, if any													
TOTAL	**02**	**24**	**06**	**30**	**06**	**02**	**08**	**0**	**0**	**0**	**30**	**08**	**38**
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	07	86	11	97	20	12	32	0	0	0	106	23	129
Post harvest technology and value addition													
Others, if any													
TOTAL	**07**	**86**	**11**	**97**	**20**	**12**	**32**	**0**	**0**	**0**	**106**	**23**	**129**
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Conservation													
Integrated Nutrient Management	2	11	2	13	1	22	23	0	0	0	12	24	36
Production and use of organic inputs	1	6	0	6	2	0	2	0	0	0	8	0	8
Management of Problematic soils	1	22	0	22	0	0	0	0	0	0	22	0	22
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing	3	47	0	47	2	0	2	0	0	0	49	0	49
Others, if any													
TOTAL	**7**	**86**	**2**	**88**	**5**	**22**	**27**	**0**	**0**	**0**	**91**	**24**	**115**
IV. Livestock Production and Management													
Dairy Management	3	20	21	41	7	15	22	0	0	0	27	36	63
Poultry Management	1	12	3	15	0	0	0	0	0	0	12	3	15
Piggery Management	-												
Rabbit Management	-												
Disease Management	6	100	16	116	4	0	4	0	0	0	104	16	120
Feed management	1	14	0	14	4	0	4	0	0	0	18	0	18
Production of quality animal products													
Others, if any (Goat farming)	1	0	0	0	13	6	19	0	0	0	13	6	19
TOTAL	**12**	**146**	**40**	**186**	**28**	**21**	**49**	**0**	**0**	**0**	**174**	**61**	**235**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	12	23	180	203	09	153	162	0	0	0	32	333	365
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	01	0	0	0	05	15	20	0	0	0	05	15	20
Minimization of nutrient loss in processing	01	0	0	0	02	31	33	0	0	0	02	31	33
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition	01	0	20	20	0	02	02	0	0	0	0	22	22
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies	01	0	0	0	02	16	18	0	0	0	02	16	18
Rural Crafts													
Capacity building													
Women and child care	02	0	13	13	0	31	31	0	0	0	0	44	44
Others, if any	04	97	9	106	28	06	34	0	0	0	125	15	140
TOTAL	**22**	**120**	**222**	**342**	**46**	**254**	**300**	**0**	**0**	**0**	**166**	**476**	**642**
VI.Agril. Engineering													
Installation and	02	78	0	78	05	0	05	0	0	0	78	05	83

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements	15	275	21	296	23	06	29	17	08	25	315	35	350
Small scale processing and value addition	05	08	32	40	34	119	153	0	0	0	42	151	193
Post-Harvest Technology	01	01	04	05	0	30	30	0	0	0	01	34	35
Others, if any	11	357	66	423	54	35	89	0	0	0	411	101	512
TOTAL	**34**	**719**	**123**	**842**	**116**	**190**	**306**	**17**	**8**	**25**	**847**	**326**	**1173**
VII. Plant Protection													
Integrated Pest Management	12	202	51	253	31	08	39	0	0	0	233	90	323
Integrated Disease Management	11	161	28	189	45	25	70	0	0	0	206	53	259
Bio-control of pests and diseases	01	15	0	15	0	0	0	0	0	0	15	0	15
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL	**24**	**378**	**79**	**457**	**76**	**33**	**109**	**0**	**0**	**0**	**454**	**143**	**597**
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL	**144**	**1989**	**617**	**2606**	**411**	**593**	**1015**	**17**	**8**	**25**	**2412**	**1254**	**3666**

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping	05	93	59	152	01	28	29	0	0	0	94	87	181
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermi-culture	1	36	3	39	0	0	0	0	0	0	36	3	39
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
production													
Repair and maintenance of farm machinery and implements	03	46	0	46	07	0	07	0	0	0	53	0	53
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition	03	0	15	15	0	81	81	0	0	0	0	96	96
Production of quality animal products													
Dairying													
Sheep and goat rearing	02	23	24	47	07	20	27	02	06	08	32	50	82
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	04	53	0	53	06	0	06	0	0	0	53	06	59
Tailoring and Stitching													
Rural Crafts	01	10	12	22	02	03	05	0	0	0	12	15	27
Enterprise development													
Others if any (ICT application in agriculture)	01	0	0	0	07	33	40	0	0	0	07	33	40
TOTAL	**20**	**261**	**113**	**374**	**30**	**165**	**195**	**2**	**6**	**8**	**287**	**290**	**577**

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	8	0	8	2	0	2	0	0	0	10	0	10
Integrated Pest Management	01	135	08	143	10	0	10	0	0	0	145	08	153

Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements	03	285	19	304	31	04	35	0	0	0	316	23	339
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production	1	0	14	14	0	6	6	-	-	-	0	20	20
Household food security	2	0	17	17	0	7	7	-	-	-	0	24	24
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**	**428**	**58**	**486**	**43**	**17**	**60**	**0**	**0**	**0**	**471**	**75**	**546**

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Plant protection	PF	IDM in Wheat crops	1	Off	15	3	18	3	-	3
Plant protection	PF	IPM in Maize crops	1	Off	15	0	15	2	0	2
Plant protection	PF	IPM in filed pea	1	Off	16	0	16	2	0	2
Plant protection	PF	Pules day	1	Off	0	45	45	0	5	5
Plant protection	PF	IDM in Sunflower	1	Off	20	3	23	1	0	1
Plant protection	PF	Integrated pest and disease management.	1	Off	19	0	19	0	0	0
Plant protection	PF	IDM in Green gram	1	Off	15	0	15	0	0	0
Plant	PF	Awareness about Pest	1	Off	15	2	17	2	1	3

protection		and Disease management in Green gram, Sunflower and Banana								
Plant protection	PF	Training on Advantages of micro irrigation and its importance in pest and disease management of field and horticultural crops	1	off	28	0	28	12	0	12
Plant protection	PF	Awareness about healthy orchard management of Mango and Litchi, Use of Micro irrigation under PMKSY	1	off	45	2	47	2	0	2
Plant protection	PF	Management of sucking pest infestation in summer vegetables and green gram	1	Off	12	0	12	0	0	0
Plant protection	PF	Disease and pest management in sunflower and green gram	1	Off	14	0	14	0	0	0
Plant protection	PF	Training programme on seed treatment and its benefit in legume crops	1	Off	15	0	15	0	0	0
Plant protection	PF	Off campus farmer training on pest and disease management in mango and jackfruit orchard	1	Off	22	4	26	4	0	4
Plant protection	PF	Healthy crop management in kharif cereal crop	1	Off	16	2	18	2	0	2
Plant protection	PF	IDM in Vegetables crop	1	Off	18	0	18	0	0	0
Plant protection	PF	Pest and disease management in kharif crops and vegetables	1	Off	39	5	44	1	0	1
Plant protection	PF	Management of stalk rot of maize and pest of vegetable crops	1	Off	23	0	23	1	0	1
Plant protection	PF	IDM practices for Rabi crop	1	Off	12	2	14	9	0	9
Plant protection	PF	IDM practices for Rabi crop	1	Off	22	9	31	5	0	5
Plant protection	PF	Pest and disease management in Vegetable crops	1	Off	14	2	16	8	2	10
Plant protection	PF	IDM practices for Rabi crop	1	Off	25	30	55	20	25	45
Plant protection	PF	Management of DBM in Cabbage & cauliflower	1	Off	14	3	17	0	0	0
Plant protection	PF	IDM in potato & Mustard	1	Off	18	0	18	0	0	0
Horticulture	PF	Mango orchard	1	Off	15	0	15	02	0	02

		management								
Horticulture	PF	Scientific cultivation of summer vegetables	1	Off	4	11	15	01	02	03
Horticulture	PF	Importance of micro-irrigation in horticultural crops	1	Off	28	24	52	04	08	12
Horticulture	PF	Importance of micro-irrigation in horticultural crops	1	Off	40	0	40	05	0	05
Horticulture	PF	Importance of Kharif vegetable cultivation	1	Off	12	03	15	08	0	08
Horticulture	PF	Cultivation of Kharif vegetables	1	Off	11	04	15	02	0	02
Horticulture	PF	Mango propagation by grafting methods	1	On	16	01	17	02	0	02
Horticulture	PF	Scientific management of orchard	1	On	15	01	16	02	0	02
Horticulture	PF	Importance and cultivation technology of medicinal plants (Mint/Mentha) and Elephant foot yam.	1	Off	15	0	15	01	0	01
Horticulture	PF	Importance and cultivation technology of medicinal plants (Mint/Mentha) and Elephant foot yam.	1	Off	23	02	25	03	0	03
Horticulture	PF (FLD)	Scientific cultivation and management of Marigold var. Pusa Narangi	1	On	22	03	25	02	0	02
Horticulture	PF (FLD)	Scientific cultivation and management of Tomato var. Kashi Aman	1	On	18	07	25	03	01	04
Horticulture	PF (FLD)	Scientific cultivation and management of Chilli var. Kashi Amol	1	On	21	04	25	03	0	03
Horticulture	PF (FLD)	Scientific cultivation and management of Hybrid Brinjal var. Kashi Sandesh	1	On	21	04	25	03	0	03
Horticulture	PF	Establishment of new orchard and scientific management of mango and jackfruit orchard	1	Off	21	05	26	04	02	06
Horticulture	PF	Scientific cultivation practices and extraction methods of mint (Mentha sp.)	1	Off	16	02	18	02	0	02
Horticulture	PF (FLD)	Cultivation of rabi vegetables cum seed distribution	1	Off	09	06	15	02	0	02
Horticulture	PF	Scientific cultivation and management of rabi season vegetables	1	off	18	3	21	2	0	2
Horticulture	PF (FLD)	Cultivation practices of potato cum potato seed distribution	1	On	04	01	05	0	0	0
Horticulture	PF	Scientific cultivation	1	Off	13	0	13	02	0	02

		and management practices of winter season vegetables								
Horticulture	PF	Scientific cultivation and management practices of winter season vegetables	1	Off	12	0	12	02	0	12
Veterinary Sciences	PF	Animal infertility	1	Off	7	15	22	7	15	22
Veterinary Sciences	PF	Animal infertility	1	Off	20	1	21	0	0	0
Veterinary Sciences	PF	Reproductive management of livestock	1	Off	20	6	26	4	0	4
Veterinary Sciences	PF	Reproductive management of cattle	1	Off	19	1	20	0	0	0
Veterinary Sciences	PF	Reproductive management of livestock	1	Off	17	0	17	0	0	0
Veterinary Sciences	PF	Reproductive management of Ruminants	1	Off	10	7	17	0	0	0
Veterinary Sciences	PF	Management of Livestock in winter season	1	Off	18	2	20	0	0	0
Veterinary Sciences	PF	Management of Goat Farming	1	Off	0	0	0	13	6	19
Veterinary Sciences	PF	Management of Poultry	1	Off	12	3	15	0	0	0
Veterinary Sciences	PF	Management of Livestock	1	Off	0	20	20	0	0	0
Veterinary Sciences	PF	Fish farming	1	Off	2	15	17	0	0	0
Veterinary Sciences	PF	Importance of Livestock in Natural Farming	1	Off	18	0	18	4	0	4
Veterinary Sciences	PF	Effect of Fertilizers on Livestock and its Management	1	Off	20	0	20	0	0	0
Agril. Engineering	PF	Post-harvest Management	1	On	1	34	35	0	30	30
Agril. Engineering	PF	Post-harvest technology and value addition	1	On	0	51	51	0	42	42
Agril. Engineering	PF	Laser Land levelling training programme	1	On	17	33	50	00	0	0
Agril. Engineering	PF	Farm mechanization	1	On	265	62	327	52	24	76
Agril. Engineering	PF	Zero tillage in wheat & mustard	1	On	87	3	90	7	1	8
Agril. Engineering	PF	World Water Day (Micro- irrigation and its application)	1	On	34	0	34	0	0	0
Agril. Engineering	PF	Kisan Mela (Farm mechanization)	1	On	275	52	327	25	06	31
Agril. Engineering	PF	PM GaribKalyanSammelan	1	On	34	20	54	02	08	10
Agril. Engineering	PF	Long term trial at KVK campus regarding CRA	1	On	11	1	12	0	1	1

		Programmme								
Agril. Engineering	PF	Agri Startup Conclave & Kisan Sammelan by Hon'ble PM of India	1	On	243	61	304	34	18	52
Agril. Engineering	PF	Post-harvest technology	1	Off	16	10	26	5	4	9
Agril. Engineering	PF	Farm Machinery& Maintenance	1	Off	16	0	16	2	0	2
Agril. Engineering	PF	Zero tillage in green Gram	1	Off	10	5	15	0	0	0
Agril. Engineering	PF	Value addition on Potato	1	Off	25	5	30	25	5	30
Agril. Engineering	PF	Zero tillage in Green Gram	1	Off	25	0	25	0	0	0
Agril. Engineering	PF	Micro-Irrigation and its Application (PMKSY)	1	Off	49	0	49	5	0	5
Agril. Engineering	PF	DSR through Zero tillage machine	1	Off	22	2	24	0	2	2
Agril. Engineering	PF	Training on DSR	1	Off	16	0	16	0	0	0
Agril. Engineering	PF	Training on DSR	1	Off	12	5	17	1	4	5
Agril. Engineering	PF	DSR using seed cum ferti drill machine	1	Off	14	2	16	0	0	0
Agril. Engineering	PF	Farm machinery and its maintenance	1	Off	15	0	15	1	0	1
Agril. Engineering	PF	Farm machinery and its maintenance	1	Off	15	2	17	0	2	2
Agril. Engineering	PF	Farm machinery and its maintenance	1	Off	22	4	26	0	2	2
Agril. Engineering	PF	Farm machinery and its maintenance	1	Off	17	4	21	0	2	2
Agril. Engineering	PF	Zero tillage in wheat & mustard	1	Off	17	0	17	5	0	5
Agril. Engineering	PF	Zero tillage in wheat & mustard	1	Off	87	3	90	6	2	8
Agril. Engineering	PF	Farm machinery and its maintenance	1	Off	17	8	25	17	8	25
Agril. Engineering	PF	Training cum demonstration on zero tillage of wheat by Happy Seeder	1	Off	10	0	10	0	0	0
Agril. Engineering	PF	Awareness programme	1	Off	22	0	22	5	0	5
Agril. Engineering	PF	Training Program	1	Off	28	7	35	2	3	5
Agril. Engineering	PF	Laser Land Levelling	1	Off	8	0	8	0	0	0
Agril. Engineering	PF	Laser Land levelling demonstration	1	Off	123	80	203	21	22	43
Agril. Engineering	PF	Kisan Goshthi cum training on Zero tillage	1	Off	41	0	41	7	0	7
Agril. Engineering	PF	Rabi Kisan Goshthi cum training on Zero tillage	1	Off	52	41	93	16	26	42
Agril. Engineering	PF	Rabi Kisan Goshthi on zero tillage	1	Off	93	0	93	12	0	12
Agril. Engineering	PF	Rabi abhiyan cum training on zero tillage	1	Off	76	3	79	8	1	9

Agril. Engineering	RY	Post-Harvest technology	1	On	14	0	14	2	0	2
Agril. Engineering	RY	Small scale dairy processing	1	Off	16	0	16	2	0	2
Agril. Engineering	RY	Small scale dairy processing	1	Off	15	0	15	0	0	0
Agril. Engineering	RY	Value addition	1	On	0	40	40	0	32	32
Agril. Engineering	RY	Laser Land levelling	1	Off	17	0	17	0	0	0
Agril. Engineering	RY	Operation of Custom Hiring Centre	1	Off	22	0	22	3	0	3
Agril. Engineering	RY	Training on zero tillage of wheat	1	Off	14	0	14	4	0	4
Agril. Engineering	EF	Farm mechanization (Kharif Abhiyan 2022)	1	Off	145	8	153	8	2	10
Agril. Engineering	EF	Farm machinery and its maintenance	1	Off	39	1	40	4	0	4
Agril. Engineering	EF	Use of Zero tillage in Wheat (Rabi Mahabhiyan 2022)	1	Off	132	14	146	16	5	21
Plant Protection	RY	Five days Training on Bee keeping	5	on	18	18	36	0	0	0
Plant Protection	RY	Bee keeping training	4	on	21	18	39	1	0	1
Plant Protection	RY	Bee keeping training	3	on	6	29	35	0	28	28
Plant Protection	RY	Bee keeping training	3	on	33	3	36	0	0	0
Plant Protection	RY	Bee keeping training	3	on	16	19	35	0	0	0
Horticulture	RY	Cultivation methods of organic vegetables	05	On/kvk	31	02	33	09	0	09
Horticulture	RY	Organic farming of flowers and vegetables crop	05	On/kvk	18	09	27	02	04	06
Horticulture	RY	Gardener training	15	On/kvk	36	04	40	04	02	06
Horticulture	RY	Gardener training	15	On/kvk	27	13	40	07	04	11
Crop production	RY	Vermi composting	1	off	36	3	39	0	0	0
Plant Protection	EF	In-service training on pest and diseases management in kharif crops	1	Off	145	8	153	10	0	10
Home science	PF	Awareness about Nutri Garden	1	Off	10	10	25	0	0	0
Home science	PF	Awareness about Nutri Garden	1	off	11	13	24	1	1	2
Home science	PF	PM KSY	1	Off	26	10	36	6	4	10
Home science	PF	PM KSY	1	Off	50	0	50	10	0	10
Home science	PF	PM KSY	1	Off	24	0	24	6	0	6
Home science	PF	PM KSY	1	Off	25	5	30	6	2	8
Home science	PF	Awareness about Nutri Garden	1	Off	0	11	11	0	0	0
Home	PF	Awareness about Nutri	1	Off	0	15	15	0	2	0

science		Garden								
Home science	PF	Awareness about breastfeeding on the occasion of breastfeeding week	1	Off	0	28	28	0	8	8
Home science	PF	Awareness about food adulteration	1	Off	0	15	15	0	2	0
Home science	PF	Celebration of National Nutrition week	1	On	0	25	25	0	19	19
Home science	PF	Celebration of National Nutrition month and plant distribution	1	On	0	55	55	0	45	45
Home science	PF	Awareness about malnutrition and plant distribution on the occasion of national nutritional month	1	On	0	42	42	0	4	4
Home science	PF	Awareness about anemia plant distribution on the occasion of national nutritional month	1	On	2	45	47	0	40	40
Home science	PF	Awareness about anemia during pregnancy and lactation period	1	On	0	23	23	0	18	18
Home science	PF	Nutrition month and Plant distribution	1	On	7	25	32	1	7	8
Home science	PF	Celebration of national nutrition month and plant distribution	1	On	7	28	35	2	20	22
Home science	PF	Awareness about food adulteration test through traditional method	1	Off	13	7	20	4	5	9
Home science	PF	Nurtigarden training	1	Off	13	2	15	0	0	0
Home science	PF	Awareness about Nutri garden	1	Off	6	10	16	0	0	0
Home science	PF	Awareness about food adulteration test through traditional method	1	Off	3	13	16	00	0	0
Home science	PF	Benefists&impo. Of Amla Squash	1	Off	0	22	22	0	0	0
Crop production	PF	Weed Management	1	Off	15	3	18	4	3	7
Crop production	PF	Resource Conservation Technologies	1	Off	21	6	27	5	0	5
Crop production	PF	Water management	1	Off	32	0	32	4	0	4
Crop production	PF	Seed production	1	Off	15	3	18	3	0	3
Crop production	PF	Seed production	1	Off	15	0	15	3	0	3
Crop production	PF	Seed production	1	Off	30	3	33	6	0	6
Crop production	PF	Organic farming	1	Off	20	0	20	0	0	0

Crop production	PF	Others, (cultivation of crops)	1	Off	16	0	16	2	0	16
Crop production	PF	Others, (cultivation of crops)	1	Off	18	5	23	2	0	2
Crop production	PF	Others, (cultivation of crops)	1	Off	10	0	10	2	0	2
Crop production	PF	Others, (cultivation of crops)	1	Off	10	11	21	5	0	5
Crop production	PF	Others, (cultivation of crops)	1	Off	18	0	18	2	0	2
Crop production	PF	Others, (cultivation of crops)	1	Off	14	5	19	3	0	0
Crop production	PF	Others, (cultivation of crops)	1	Off	11	1	12	2	0	2
Crop production	PF	Others, (cultivation of crops)	1	Off	12	2	14	1	0	1
Crop production	PF	Others, (cultivation of crops)	1	Off	110	24	134	21	2	34
Crop production	PF	Integrated Nutrient Management	1	Off	0	22	22	1	0	1
Crop production	PF	Integrated Nutrient Management	1	Off	12	2	14	1	22	23
Crop production	PF	Integrated Nutrient Management	1	Off	12	24	36	2	0	2
Crop production	PF	Production and use of organic inputs	1	Off	8	0	8	0	0	0
Crop production	PF	Management of Problematic soils	1	Off	22	0	22	0	0	0
Crop production	PF	Soil and Water Testing	1	Off	19	0	19	0	0	0
Crop production	PF	Soil and Water Testing	1	Off	13	0	13	2	0	2
Crop production	PF	Soil and Water Testing	1	Off	17	0	17	1	0	1
Home science	Vocational	Pickle making	5 Days	On	0	28	28	0	28	28
Home science	Vocational	Value addition in Jack fruit & Mango	5 Days	On	0	24	24	0	3	3
Home science	Vocational	Madubani Panting	11 Days	OFF	12	15	27	2	3	5
Home science	RY (SCSP)	Training on Candel making	3 Day	On	7	33	40	7	33	40
Home Science	EF	Awareness about Food adulteration test through traditional methods	1	Off	0	20	20	0	6	6

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self-employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Cutting and stitching	**Self-Employment generation through enterprise**	Cutting and stitching	5 days	0	37	37	0	04	02	0
Honey bee		Honey bee training	7 days	9	28	37	0	10	05	-
Honey bee		Honey bee training	7 days	10	25	35	0	0	0	00
value addition		Pickle making	5 days	0	35	35	0	0	0	00
Honey bee		Five days Training on Bee keeping	5 days	18	18	36	0	0	0	00
value addition		value addition on jackfruit and mango	6 days	0	25	25	0	0	0	00
Madhubani painting		Madhubani painting	11 days	12	15	27	0	0	0	0
organic vegetable training		organic vegetable training	6 days	31	2	33	0	0	0	0
value addition		organic farming of flower and vegetable	5 days	18	9	27	0	0	0	0
Gardener traing		Mali Prasheksha	15 days	36	4	40	0	0	0	0
Gardener traing		Gardenertraing	15 days	32	8	40	0	0	0	0
Goat Farming		Goat Farming	5 days	22	18	40	0	0	0	0

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

I) Sponsored Training Programmes

Sl.	Title	Thematic area	Month	Duration (days)	Client PF/RY/EF	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.	Awareness about Use of Micro irrigation under PMKSY	Plant protection	May	1	PF	1	45	2	0	2	0	0	47	2	0	49	Dept. of Hort. Siwan
2.	Micro-Irrigation and its Application (PMKSY)	Agril. Engineering	May	1	PF	1	49	5		0	0		49	5		54	Dept. of Hort. Siwan
3.	Training on Advantages of micro irrigation	Plant protection	May	1	PF	1	28	12		0	0		28	12		40	Dept. of Hort. Siwan
4.	Off campus farmer training on pmksy	Plant protection	May	1	PF	1	22	4		4	0		26	4		30	Dept. of Hort. Siwan
5.	Importance of micro-irrigation in horticultural crops	Horticulture	May	1	PF	1	28	04		24	08		52	12		64	Dept. of Hort. Siwan
6.	Importance of micro-irrigation in horticultural crops	Horticulture	May	1	PF	1	40	05		0	0		40	5		45	Dept. of Hort. Siwan

7.	World Water Day(Micro-irrigation and its application)	Agril. Engineering	May	1	PF	1	34	0		0	0		34	0		34	Dept. of Hort. Siwan
8.	Kisan Mela (Farm mechanization)	Agril. Engineering	November	1	PF	1	275	25		52	06		327	31		358	ATMA,Siwan
9.	Rabi Kisan Goshthi cum training on Zero tillage	Agril. Engineering	October	1	PF	2	52	16		41	26		93	42		135	ATMA,Siwan
10.	Rabi Kisan Goshthi on zero tillage	Agril. Engineering	November	1	PF	3	93	12		0	0		93	12		105	ATMA, Siwan
11.	Rabi abhiyan cum training on zero tillage	Agril. Engineering	November	1	PF	3	76	8		3	1		79	9		88	ATMA, Siwan
12.	Farm mechanization (Kharif Abhiyan 2022)	Agril. Engineering	May	1	PF	1	145	8		8	2		153	10		163	ATMA, Siwan
13.	Use of Zero tillage in Wheat (Rabi Mahabhiyan 2022)	Agril. Engineering	November	1	PF	3	132	16		14	5		146	21		167	ATMA, Siwan
14.	PM KSY	Home science	May	1	PF	1	26	6		10	4		36	10		46	Dept. of Hort. Siwan

15.	PM KSY	Home science	May	1	PF	1	50	10		0	0		50	10		60	Dept. of Hort. Siwan
16.	PM KSY	Home science	May	1	PF	1	24	6		0	0		24	6		30	Dept. of Hort. Siwan
17.	Other (cultivation of crops)	Crop production	May	1	PF	1	110	21		24	2		134	34		157	Dept. of Hort. Siwan
18.	Resource Conservation Technologies	Crop production	May	1	PF	1	21	5		6	0		27	5		32	Dept. of Hort. Siwan
19.	Water management	Crop production	May	1	PF	1	32	4		0	0		32	4		36	Dept. of Hort. Siwan
20.	Nano Urea	Crop Production	July	1	PF	3	36	0	0	04	0	0	40	0	0	40	IFFCO
21	Value Addition	Agril. Engg	Sept.	1	PF	1	0	0	0	52	14	0	52	14	0	66	JIVEEKA
22.	Entrepreneurship Development	Agril. Engg	Nove.	1	PF	3	15	04	0	02	22	0	17	26	0	43	BEA, Patna
23.	INM	Crop Prodcution	March	1	RY	44	27	04	0	04	0	0	31	04	0	35	-
24.	INM	Crop Prodcution	Sept.	1	RY	44	31	03	0	04	02	0	35	05	0	40	-

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops	15	275	21	296	40	14	54	315	35	350
Commercial production of vegetables										
Production and value addition										
Fruit Plants										
Ornamental plants										
Spices crops										
Soil health and fertility management										
Production of Inputs at site										
Methods of protective cultivation										
Other										
Total	15	275	21	296	40	14	54	315	35	350

Post-harvest technology and value addition										
Processing and value addition	05	08	32	40	34	119	153	42	151	193
Other										
Total	05	08	32	40	34	119	153	42	151	193
Farm machinery										
Farm machinery, tools and implements	03	285	19	304	31	04	35	316	23	339
Other										
Total	03	285	19	304	31	04	35	316	23	339
Livestock and fisheries										
Livestock production and management										
Animal Nutrition Management										
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Other										
Total										
Home Science										
Household nutritional security										
Economic empowerment of women										
Drudgery reduction of women										
Other										
Total										
Agricultural Extension										
Capacity Building and Group Dynamics	01	135	08	143	10	0	10	145	08	153
Other										
Total	01	135	08	143	10	0	10	145	08	153
Grand Total	**24**	**703**	**80**	**783**	**115**	**137**	**252**	**818**	**217**	**1035**

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Kisan Mela organized	-	-	-	-	-	-	-	-	-	-	-
Kisan Mela participated	05	2850	1228	5078	19.5	120	26	146	2970	1254	4324
Field Day	16	445	42	487	13.00	07	01	08	452	43	495
KisanGhosthi	27	2625	1610	4235	18.00	55	08	63	2680	1618	4498
Exhibition organized	04	2150	1000	3150	15.8	33	02	35	2183	1002	3185
Participation in exhibition	05	2850	1228	5078	19.5	120	26	146	2970	1254	4324
Film Show	-	-	-	-	-	-	-	-	-	-	-
Method Demonstrations	36	1953	1056	3009	16.3	180	13	193	2133	1069	3202
Farmers Seminar	3	510	10	520	10.8	7	2	9	517	12	529
Workshop	14	98	43	141	12.0	765	288	1053	863	331	1194
Group discussion	6	201	77	278	13.8	23	7	30	224	84	308
Lectures delivered as resource persons	107	1238	361	1599	20.5	161	42	203	1399	403	1802
Advisory Services	10215	8302	1309	9611	9.0	427	177	604	8729	1486	10215
Scientific visit to farmers field	187	383	43	423	15				383	43	423
Farmers visit to KVK	-	3941	2731	6272	18.7	583	159	742	4524	2890	7414
Diagnostic visits	38	145	36	191	5.00	26	07	33	171	43	214
Exposure visits	11	2427	1064	3491	20.8	42	05	47	2469	1111	3580
Ex-trainees Sammelan	4	62	41	103	15.00	27	16	43	78	84	162
Soil health Camp	01	108	0	108	13.00	06	02	08	114	02	116

Animal Health Camp	00										
Agri mobile clinic	7724	-	-	7724	16	-	-	-	-	-	7724
Soil test campaigns	12	186	21	207	12	34	7	41	220	28	248
Farm Science Club Conveners meet											
Self Help Group Conveners meetings	09	212	511	723	16.0	31	6	37	243	548	791
MahilaMandals Conveners meetings	02	4	87	91	11.0	5	13	18	17	105	122
Special day celebration											
Sankalp Se Siddhi											
Swatchta Hi Sewa	23	693	285	978	13.0	135	21	156	828	306	1134
Celebration of important date	12	312	103	415	21.34	74	17	91	386	120	506
Others											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	164
Radio talks	-
TV talks	03
Popular articles	0
Extension Literature	0
Electronic media	0
Animal health camp	0
Any other (Natural farming awareness programme)	03

C. Celebration of important days in KVKs

Celebration of Important Days	No. of activities	Farmers				Extension Officials			Total		
		M	F	Total	SC/ ST (% of total)	M	F	Total	M	F	Total
Republic day (26th Jan.)	01	25	15	40	10	12	02	14	37	17	54
International Women's Day (8th Mar.)	01										
Ambedkar Jayanti (14th Apr.)											
International Yoga Day (21st Jun.)	01	11	02	13	10	02	0	02	13	02	15
Independence Day (15th Aug.)	01	30	13	43	08	16	04	20	46	17	63
Parthenium Awareness Week	01	37	03	40	04	02	0	02	39	03	42
Hindi Diwas (14th Sep.)	01	12	06	18	04	04	01	05	16	07	23
Gandhi Jayanti (2nd Oct.)	01	26	06	32	05	06	01	07	32	07	39
Mahila Kisan Diwas (15th Oct.)	01	6	24	30	10	5	2	07	11	26	37
World Food Day (16th Oct.)	0	0	0	0	0	0	0	0	0	0	0
Vigilance Awareness Week	01	6	2	8	10	9	2	11	15	4	19
National Unity Day (31st Oct.)	0	0	0	0	0	0	0	0	0	0	0
World Science Day (10th Nov.)	0	0	0	0	0	0	0	0	0	0	0
National Education Day (11th Nov.)	0	0	0	0	0	0	0	0	0	0	0
National Constitution Day (26th Nov.)	01	32	08	40	28	04	02	06	36	10	46
World Soil Day (5th Dec.)	01	108	0	108	07	06	02	08	114	02	116
Kisan Diwas (23rd Dec.)	01	19	24	43	12	9	2	11	28	26	54

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

Sl.	Date of event	Name of Event/Programme	Interaction of Hon'ble PM/AM	Participants			
				Farmers	Staffs	VIP/Others	Total
1.	01.01.2022	Live telecast on PM farmer interaction	Hon'ble PM	46	14	0	60
2.	31.05.2022	Live telecast on GaribKalynaSammelan	Hon'ble PM	25	15	02	42
3.	16.07.2022	Live telecast on ICAR-Establishment day	Hon'ble AM	156	20	03	179
4.	17.09.2022	Live telecast on the eve of Poshanmaah	Hon'ble AM	153	12	04	170
5.	17.10.2022	AgriStartup Conclave & Kisan Sammelan by Hon'ble PM of India	Hon'ble PM	304	11	03	318

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Paddy	Raj Shree	127					
Wheat	HD 2967	94.5					
Green gram	HUM-16	3.4					
Mustard	Rajendra Suflam	5.38					
Linseed	Shekar	0.8					
Potato	K. Sinduri, K. Chipsona	164					
Grand Total		395.08					

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower	Hyb	80	40	0	0	02	02
Cabbage	Hyb						
Tomato	Hyb	4456	2128	12	0	23	35
Brinjal	Hyb	888	789	07	0	18	25
Chilli	Hyb	1654	827	11	0	21	32

Onion	Hyb						
Broccoli	Hyb	820	1415	03	0	13	16
Fruits							
Mango	Amrapalli, Mallika	396	35640	35	0	175	210
Guava	A.Safeda	255	12750	48	0	147	195
Lime							
Papaya	Ranchi Local, Red Lady	739	11400	85	0	325	410
Banana							
Others							
Ornamental plants							
Medicinal and Aromatic							
Plantation							
Spices							
Turmeric							
Tuber							
Elephant yams							
Moringa	PKM-1	1496	22440	73	0	347	420
Forest Species	Mahogany	7	140	1	0	1	2
Flowers (Marigold)	Pusa Narangi	1282	641	21	0	59	80
Total		12073	88210	296	0	1131	1427

Production of Bio-Products

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

Production of livestock materials

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

Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Hog				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				
Others (Pl. specify)				
Grand Total	-	-	-	-

3.5. b. Seed Hub Programme-*"Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India"*

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production of Pulses

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed(F/S, C/S)
Kharif2022						
Rabi 2022						
Summer/Spring 2022						

iii) Financial Progress

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

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	ISBN No./ISSN Copy	Circulation
Research paper	Performance of Lentil (Lens Culinaris) Varieties under Rice-Lentil Cropping System in Eastern Part of India. *Agricultural Mechanization in Asia, Africa and Latin America,Vol.53(2) February: 6183-6190.Nass Rating-* 6.17	Meena, K., Srivastava, R., Kumari, A. R., Rai, A., Singh, S., Chaudhary, R. P. and Rai, T. N. 2022.	A093 ISSN: 0084-5841	Many
	Drudgeries and Occupational Health Hazards Perceived by the women Farmers in Central Zone of Uttar Pradesh. *Journal of Community Mobilization and Sustainable Development, Vol.17(1) January-March: 61-66. Nass Rating-* 5.67	Pandey, S., Dubey, S. K., Singh, A., Gautam, U. S., Singh, R., Tripathi, K. M., Saurabh., **Kumari, A. R.,** Singh, A. and Awasthi, N. 2022.	J158 2230-90475 .67	
	Climate Resilient Practices Adopted in Flood and Drought Prone Areas of Siwan District, Bihar. *International Journal of Agriculture, Environmrnt and Biotechnology. IJSEB:15 (Special Issue)):423-426.*	Harsha, B. R., Chhetri, K. B., Nandeesa, C. V., **Kumari, A. R.,** Chaubey, S., Kumar, A. and Jha, R. K. (2022).		
Seminar/conference/ symposia papers	Participated and Poster Research Paper presented on topic "**Impact of Zero Tillage Technology in Rice-Wheat Cropping System**" in International Conference on "Biotechnological Initiative for Climate Resilient Agriculture (BICRA-2022) in Hybrid Mode" held at Dr Rajendra Prasad Central Agricultural University Pusa, Bihar India on January, 07-09th, 2022.			
	Participated (Virtual) and presented research paper on topic "**A Study on the farm women participation of decision making in agriculture**" in 5th International Conference on "Advances in Smart Agriculture and Biodiversity Conservation for Sustainable Development (SABCD- 2022)" held on 04-06th March, 2022 organized by Agricultural Technology Development Society (ATDS), Ghaziabad, Uttar Pradesh, India at Conference Hall, Jaipur National University, Jaipur, Rajasthan, India. Received **Fellow Award-2021.**			
	Participated (Virtual) in National Conference on "Monitoring and Evaluation for Sustainable Development through Co-operative federation" held 16-17th March, 2022.			
	Best Poster Presentation Award - Poster Research Paper presented on topic "**Raised bed Planting in Maize:an effective aggonomic intervention for sustainable maize production under changing climate condition**" in Maize Technologist of India, National Conference on "Maize for Resource Sustainability industrial growth and farmer's prosperity"held on February 23-25, 2022 at MPUA&T, Udaipur Rajsthan. **Author-** Jha, R.K., sattar, A., Singh, A.K., Singh, A.K., Das, S.,Rampal., **Kumari, A. R.,** Meena, M.L., Gupta, S.K., Shekhar, D., Rai,S.K., Gangwar, S. K., Rai, R.K., Prasad, R. I., Singh, A.P., Singh,R.P., Singh,P.K., Srivastava, P.K., Jha, B.K., Senapati, R., Das, S., Kumari, N., Prasad, S., Rai, A., Kumar, S., Kashyap, V., Chhetri, K.B., Kumar, T., Prasad, R.P., Prasad, R., Tiwari, D.K., Kumar, N., Prasad, S. and Gangwar, A.			
	Participated and Research Paper presented on topic **"Integrated Nutrient Management for Production of Quality Curds in Siwan district of Bihar".** International Conference (Hybrid Mode). 5th Global meet on Science and technology (GMST-2021) for minimizing Innovation Cost and Time: To make a long story short Organized by Hi Tech Horticulture Society and Prerna foundation, Meerut U.P. at Keral Verma Subharti College of Science, Swami Vivekanand Subharti University, Meerut from October 08-09, 2022 Received **Scientist of the Year Award-2021.**			
	Participated and Research Paper presented on topic **"Knowledge of Improved Production Technologies of pulses by the Farmers in Siwan district"**in 3rd National			

	conference on "NATURAL FARMING, ORGANIC FARMING AND CHEMICAL FARMING IN INDIAN AGRICULTURE PRESENT SCENARIO AND WAY FORWARD" from 17-19 October, 2022 at Hotel Imperial Grand by KVK Ujjain working under the aegis of RVSKVV, Gwalior (MP). Received **Best Extension Scientist Award.**			
	Participated in first International Conference (Hybrid Mode) on "**Reimagining Rainfed Agro-ecosystems:Challenges & Opportunities (ICRA-2022)"** organised by the Indian Society of Dryland Agriculture at ICAR- Central Research Institute for Dryland Agriculture (CRIDA), Hydrabad, India from December 23-24, 2022.			
	Participated in National Conference (Hybrid Mode) on **"Agro-Ecology based Agri Food Transformation Systems"** at ICAR-Indian Institute of Farming Systems Research, Modipuram, Meerut, India from 27-28 January, 2023.			
Abstract	Participated and Research Paper presented on topic **"Extent of participation and decision making of man alone and jointly with women in different agricultural activities".** 3 Days International Conference (AAVASILES-2022)on "Advanced in Agricultural, Veterinary and Allied Sciences for Improving Livelihood and Environmental Security"(Online Mode) Organized by ICAR-Indian Grassland and Fodder Research Institute Regional Research Station, Srinagar, J & K ICAR-National Agricultural Higher Education Project Birsa Agricultural University, Ranchi, Jharkhand & National Agriculture Development Cooperative Ltd. (NADCL) Baramulla, J & K from September 28-30, 2022. Received **Distinguished Scientist Award (Home Science). Editors- Souvenir Cum Conference Book.** Suheel Ahmad., Rayees Ahmad Shah., Sheeraz Saleem Bhat and Nazim Hamid Mir.	**Kumari, A. R.,** Kumari, S., Nandeesa, C. V. and Dakho, Jonah. (2022).		
	Participated and Research Paper presented on topic **"Integrated Nutrient Management for Production of Quality Curds in Siwan district of Bihar".** International Conference (Hybrid Mode). 5th Global meet on Science and technology (GMST-2021) for minimizing Innovation Cost and Time: To make a long story short Organized by Hi Tech Horticulture Society and Prerna foundation, Meerut U.P. at Keral Verma Subharti College of Science, Swami Vivekanand Subharti University, Meerut from October 08-09, 2022 Received **Scientist of the Year Award-2021.**	Harsha, B. R., Chhetri, K. B., Nandeesa, C. V., **Kumari, A. R.,** Chaubey, S., Kumar, A. and Jha, R. K. (2022).		
	Participated and Research Paper presented on topic **"Knowledge of Improved Production Technologies of pulses by the Farmers in Siwan district"**in 3rd National conference on "NATURAL FARMING, ORGANIC FARMING AND CHEMICAL FARMING IN INDIAN AGRICULTURE PRESENT SCENARIO AND WAY FORWARD" from 17-19 October, 2022 at Hotel Imperial Grand by KVK Ujjain working under the aegis of RVSKVV, Gwalior (MP). Received **Best Extension Scientist Award.**	**Kumari, A. R.,** Nandeesa, C. V. and Dakho, Jonah. (2022).		
	Participated in first International Conference (Hybrid Mode) on "**Reimagining Rainfed Agro-ecosystems:Challenges & Opportunities (ICRA-2022)"** organised by the Indian Society of Dryland Agriculture at ICAR- Central Research Institute for Dryland Agriculture (CRIDA), Hydrabad, India from December 23-24, 2022.	**Kumari, A. R.,** Satya Prakash and Dakho, J. (2022).		
	Participated in National Conference (Hybrid Mode) on **"Agro-Ecology based AgriFood Transformation Systems"** at ICAR-Indian Institute of Farming Systems	**Kumari, A. R.,** Satya Prakash and Dakho, J. (2022).		

	Research, Modipuram, Meerut, India from 27-28 January, 2023.			
	Adoption of improved potato cultivation practices in Siwan district of Bihar. International Conference (Hybrid Mode). 5th Global meet on Science and technology (GMST-2021) for minimizing Innovation Cost and Time: To make a long story short Organized by Hi Tech Horticulture Society and Prerna foundation, Meerut U.P. at Keral Verma Subharti College of Science, Swami Vivekanand Subharti University, Meerut from October 08-09, 2022. *P-73.*	**Kumari, A. R.,** Dakho, J. and Nandeesa, C. V. (2022).		
	Constraints and Suggestions expressed by the trainees in adoption of mushroom Production technology. International Conference (Hybrid Mode). 5th Global meet on Science and technology (GMST-2021) for minimizing Innovation Cost and Time: To make a long story short Organized by Hi Tech Horticulture Society and Prerna foundation, Meerut U.P. at Keral Verma Subharti College of Science, Swami Vivekanand Subharti University, Meerut from October 08-09, 2022. *P-89-90*.	**Kumari, A. R.,** Nandeesa, C. V., Satya Prakash and Dakho, J. (2022).		
	Use of **Improved Sickle for Drudgery Reduction in Farmwomen of Deoria District of Uttar Pradesh**. International Conference (Hybrid Mode). 5th Global meet on Science and technology (GMST-2021) for minimizing Innovation Cost and Time: To make a long story short Organized by Hi Tech Horticulture Society and Prerna foundation, Meerut U.P. at Keral Verma Subharti College of Science, Swami Vivekanand Subharti University, Meerut from October 08-09, 2022. *P-97*.	**Kumari, A. R.,** Satya Prakash and Kamlesh, K. (2022).		
	Knowledge of Improved Production Technologies of pulses by the Farmers in Siwan district in 3rd National conference on "Natural farming, Organic Farming and Chemical Farming in Indian Agriculture Present Scenario and way Forward" from 17-19 October, 2022 at Krishi Vigyan Kendra, Ujjain. *P-174*.	**Kumari, A. R.,** Harsha, B.R., Nandeesa, C.V., and Dakho, J. (2022).		
	Impact of KVK Training Programme on Socio–economic Status and Knowledge of Trainees in Siwan District in 3rd National conference on "Natural farming, Organic Farming and Chemical Farming in Indian Agriculture Present Scenario and way Forward" from 17-19 October, 2022 at Krishi Vigyan Kendra, Ujjain. *P-173*	**Kumari, A. R.,** Kumari, S., Nandeesa, C.V., and Dakho, J. (2022).		
	Kumari, A. R., Kumari, Satya Prakash., Nandeesa, C.V., and Dakho, J. (2023). **Acceptability of Mushroom Production by Rural Women as an Enterprise** in National Conference on "Agro-Ecology based AgriFood Transformation Systems", at ICAR-Indian Institute of Farming Systems Research, Modipuram, Meerut, India from 27-28 January, 2023. *P-181*.			
	Kumari, A. R., Kumari, Satya Prakash. and Harsha, B. R. (2023). **Wheat yield increased through zero tillage techniques** in National Conference on "Agro-Ecology based AgriFood Transformation Systems", at ICAR-Indian Institute of Farming Systems Research, Modipuram, Meerut, India from 27-28 January, 2023. *P-182*.			

Books	**Role of Women in Agriculture.** *Page 35-43. (in English).* **Book- Women in Agriculture Status, Scope and Opportunities. Vol 3: Nanomolecules and Biocontrol Agents.** Edited by- Dr. Abhilash Singh Maurya and Ayush Mishra. **Book-Biotech Books, 4762-63/23, Ansari Road, Daryaganj, New Delhi-110002.**	**Kumari, A. R.,** Kumari, S. and Harsha, B. R. 2022**.**	ISBN 978-81-7622-539-7.	
Bulletins				
News letter				
Popular Articles	**Kumari, A. R.,** Nandeesa, C. V., Satya Prakash and Dakho, J. (2022). **Constraints and Suggestions expressed by the trainees in adoption of mushroom Production technology.** International Conference (Hybrid Mode). 5th Global meet on Science and technology (GMST-2021) for minimizing Innovation Cost and Time: To make a long story short Organized by Hi Tech Horticulture Society and Prerna foundation, Meerut U.P. at Keral Verma Subharti College of Science, Swami Vivekanand Subharti University, Meerut from October 08-09, 2022. *P-89-90.*	Chaubey, S., **Kumari, A. R.,** Chhetri, K. B., Harsha, B.R., Nandeesa. C.V. and Chaturvedi, V. D. 2022.	ISSN: 0972-7930	Many
	Kumari, A. R., Satya Prakash and Kamlesh, K. (2022). Use of **Improved Sickle for Drudgery Reduction in Farmwomen of Deoria District of Uttar Pradesh**. International Conference (Hybrid Mode). 5th Global meet on Science and technology (GMST-2021) for minimizing Innovation Cost and Time: To make a long story short Organized by Hi Tech Horticulture Society and Prerna foundation, Meerut U.P. at Keral Verma Subharti College of Science, Swami Vivekanand Subharti University, Meerut from October 08-09, 2022. *P-97*.	Mandal, R. K., **Kumari, A. R.** and Mandal, S. K. 2022.	ISSN: 0974-9934	Many
	Participated and Research Paper presented on topic **"Knowledge of Improved Production Technologies of pulses by the Farmers in Siwan district"**in 3rd National conference on "Natural farming, Organic Farming and Chemical Farming in Indian Agriculture Present Scenario and way Forward" from 17-19 October, 2022 at Krishi Vigyan Kendra, Ujjain. *P-174*.	Kumar, A., **Kumari, A. R.,** Harsha, B. R., and Nandeesa, C. V. 2022.	ISSN: 0974-9934	Many
	Kumari, A. R., Kumari, S., Nandeesa, C.V., and Dakho, J. (2022). **Impact of KVK Training Programme on Socio–economic Status and Knowledge of Trainees in Siwan District** in 3rd National conference on "Natural farming, Organic Farming and Chemical Farming in Indian Agriculture Present Scenario and way Forward" from 17-19 October, 2022 at Krishi Vigyan Kendra, Ujjain. *P-173*	**Kumari, A. R.,** Kumari, S., Harsha, B. R., Kumar, P. and Chaubey, S. 2023.	ISSN: 0974-5270	Many
	Kumari, A. R., Kumari, Satya Prakash., Nandeesa, C.V., and Dakho, J. (2023). **Acceptability of Mushroom Production by Rural Women as an Enterprise** in National Conference on "Agro-Ecology based AgriFood Transformation Systems", at ICAR-Indian Institute of Farming Systems Research, Modipuram, Meerut, India from 27-28 January, 2023. *P-181*.	Kumari, S., **Kumari, A. R.,** Kumar, Pratush. Kumar, P. and Chaubey, S. 2023.	ISSN: 0974-5270	Many
	Wheat yield increased through zero tillage techniques in National Conference on "Agro-Ecology	**Kumari, A. R.,** Kumari, Satya Prakash. and Harsha, B. R.		

	based Agri Food Transformation Systems", at ICAR-Indian Institute of Farming Systems Research, Modipuram, Meerut, India from 27-28 January, 2023. *P-182*.	(2023).		
	Kumari, A. R., Kumari, Satya Prakash. and Nandeesa, C.V. (2023). **Shoot & Fruit borer Management in Brinjal** in National Conference on "Agro-Ecology based AgriFood Transformation Systems", at ICAR-Indian Institute of Farming Systems Research, Modipuram, Meerut, India from 27-28 January, 2023. *P-182*.	Dakho, J., **Kumari, A. R.,** Nandeesh, C. V. and Kumari, A. (2022-23).		
Book Chapter	**Book- Women in Agriculture Status, Scope and Opportunities. Vol 3: Nanomolecules and Biocontrol Agents.** Edited by- Dr. Abhilash Singh Maurya and Ayush Mishra. **Book-Biotech Books, 4762-63/23, Ansari Road, Daryaganj, New Delhi-110002.**	**Kumari, A. R.,** Kumari, S. and Harsha, B. R. 2022**. Role of Women in Agriculture.** *Page 35-43. (in English).*	ISBN 978-81-7622-539-7.	
Extension Pamphlets/ literature	Soyabean Prasanskaran. Extension literature No. 298/2022-23.	**Kumari, A. R.,** Chhetri, K. B., Kumari, S., and Kumari, A. (2022-23).		Many
	Kam Lagat Prakritik Kheti. Extension literature No. 299/2022-23.	Harsha, B. R., **Kumari, A. R.,** Dakho, J., Kumar, P., Chaubey, S. and Kumari, A. (2022-23).		Many
	Prakritik Kheti:Rasaynik v Jaivik Kheti ka Prabal vikalp. Extension literature No. 300/2022-23.	Harsha, B. R., Dakho, J., **Kumari, A. R.,** and Kumari, A. (2022-23).		Many
	Mitti jach kyo, Kab aur Kaise Swasth Mitti Swasth Fasal aur Swasth Khet ki Niv hai. Extension literature No. 307/2022-23.	Kumar, A., **Kumari, A. R.,** Harsha, B. R., and Nandeesa, C. V. (2022-23).		Many
	Moong ki Unnat Kheti. Extension literature No. 308/2022-23.	Chaubey, S., Chhetri, K. B., **Kumari, A. R.,** Harsha, B. R., and Nandeesa, C. V. (2022-23).		Many
	Badalte Mausam Parivesh me Dhan ki sidhi bubai. Extension literature No. 309/2022-23.	Chaubey, S., Chhetri, K. B., **Kumari, A. R.,** Harsha, B. R., and Kumar, P. (2022-23).		Many
	Urad ki Unnat Kheti. Extension literature No. 310/2022-23.	Chaubey, S., Chhetri, K. B., **Kumari, A. R.,** Harsha, B. R., Nandeesa, C. V. and Kumar, P. (2022-23).		Many
	Kharif Ritu me Kare:Makka ki Kheti. Extension literature No. 311/2022-23.	Chaubey, S., **Kumari, A. R.,** Chhetri, K. B., Harsha, B. R. and Nandeesa, C. V. (2022-23).		Many
	Jau ki Unnat Kheti. Extension literature No. 312/2022-23.	Chaubey, S., **Kumari, A. R.,** Chhetri, K. B., Nandeesa, C. V., Harsha, B. R., Dakho, J. and Kumar, P. (2022-23).		Many
	Mungfali ki Adhunik Kheti. Extension literature No. 313/2022-23.	Harsha, B. R., Nandeesa, C. V., **Kumari, A. R.** and Chaubey, S., (2022-23).		Many
	Suryamukhi ki Unnat Kheti. Extension literature No. 314/2022-23.	Harsha, B. R., Nandeesa, C. V., **Kumari, A. R.,** Chaubey, S., and Kumar, P. (2022-23).		Many
Technical reports				

Electronic Publication (CD/DVD etc)				
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Capacity building programme	Capacity Builiding Programme for NICRA	Dr. Anuradha Ranjan Kumari, Dr. Nandeesha C V	24-25.07.2022	ICAR-CRIDA
2.	Zonal Level Review workshop	NICRA Workshop	Dr. Nandeesha C V	25-26.11.2022	KVK, Gumla
3.	CRA workshop	CRA workshop	Dr. Nandeesha C V	04-08.04.2022	Dr.RPCAU
4.	Zonal workshop of CFLD Pulses and Oilseeds	Zonal workshop of CFLD Pulses and Oilseeds	Dr. Anuradha Ranjan Kumari	7-8.03.2022	KVK, Sujani, Deoghar
5.	NICRA Workshop	NICRA Workshop	Dr. Anuradha Ranjan Kumari	28-30.04.2022	ICAR-RCER, Patna
6.	KVK Conference	XII Biennial National KVK Conference 2022	Dr. Anuradha Ranjan Kumari	1-2 June, 2022	Dr YS Parmar University of Horticulture & Forestry, Solan Himachal Pradesh.
7.	Review cum Workshop on Long Term trial experiment at KVK Siwan	CRA workshop	Dr. Anuradha Ranjan Kumari	21.12.2022	ICAR-RCER Patna, Bihar
8.	CRA workshop	CRA workshop	Dr. Harsha B R	04-08.04.2022	Dr.RPCAU
9.	AAFS Conference	Conference	Dr. Harsha B R	22-24.08.2022	UAS Banglore
10.	Natural Farming workshop	Workshop	Dr. Harsha B R	01.12.2022	Gwalior
11.	Natural Farming training	Workshop	Dr. Harsha B R	08-09.12.2022	Kurukshetra
12.	CRA training	Training	Dr. Jonah Dakho	28.03.2022 to 02.04.2022	Dr.RPCAU
13	CRA training	Training	Dr. Nandeesha C V & Dr. Harsha B R	03.04.2022 to 08.04.2022	Dr.RPCAU
14	CRA training	Training	Er. K B Chhetri	11.04.2022 to 17.04.2022	Dr.RPCAU
15	Winter School	Winter School	Miss Sarita Kumari	10-31.11.2022	Dr.RPCAU

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	Sri Ram Ayodhaya Prasad
Address	Vill-Sadiha , P.O- Sadiha, P.S + Block- Bhagwanpur Hat,Distt-Siwan, PIN-841439
Contact details (Phone, mobile, email Id)	9771438122
Landholding (in ha.)	1.2
Name and description of the farm/ enterprise	Sri Ram Ayodhaya Prasad block- Bhagwanpur hat Vill-Sadiha is an

<table>
<tr><td></td><td>educated small farmer. His main source of income is farming Earlier he used to grow cereals on his field. His gross annual income was Rs. 3,17,000.00 (Three lakh seventeen thousand) from 3 acre land. Once he came to KVK for technological guidance from KVK scientists. He participated in different types of training related to vegetable cultivation, Vermi compost preparation, and mushroom cultivation and tried to commercialize his farming. He has also received training from NABARD,Siwan, KVK, Siwan and BAU Sabour. He produces vermi compost for selling as well as own farm use. Also prepares and uses jeevamrit for field crop and bijamrut for seed treatment. Today Sri Ram Ayodhaya Prasad became a model for banana cultivation. Now his gross annual income Rs. 4,01,300.00 (Four lakh one thousand three hundred) annually and lives a better life.</td></tr>
<tr><td>Economic impact</td><td><table><tr><td>Total Expenditure (Rs.)</td><td>Total Income(Rs.)</td><td>Net income(Rs.)</td></tr><tr><td>205700</td><td>401300</td><td>195600</td></tr></table></td></tr>
<tr><td>Social impact</td><td>He produces vermi compost for selling as well as own farm use. Also prepares and uses jeevamrit for field crop and bijamrut for seed treatment. Today Sri Ram Ayodhaya Prasad became a model for banana cultivation.</td></tr>
<tr><td>Environmental impact</td><td>Natural Farming</td></tr>
<tr><td>Horizontal/ Vertical spread</td><td>Exposure visit of farmers to his farm</td></tr>
</table>

Banana cultivation

Sugarcane nursery

Name of farmer	Mukesh Kumar Ram
Address	S/O Chandra dip Ram,Gopalpur, P.S + Block- Bhagwanpur Hat,Distt- Siwan, PIN-841408,
Contact details (Phone, mobile, email Id)	8210769298
Landholding (in ha.)	4.5
Name and description of the farm/ enterprise	Sri Mukesh Kumar Ram, S/O Chandradip Ram, Village- Gopalpur, Block- Bhagwanpur Hat is an educated small holder, young, progressive, dynamic farmer. His main source of income is Fish farming. He has 6 fish ponds of

<table>
<tr><td></td><td>3.2 ha. His gross annual income was Rs. 8,00,000.00 (Eight lakh) from fish farms. He is coming on regular basis to KVK to take suggestions for his better farming practices from experts/ Scientists. He participated in different types of training related to Fisheries and Goat farming and tried to commercialize his farming. He produces quality fishes in commercial manner and selling to nearby market places and cities. He is also producing fish seeds in scientific manner also and selling it to surrounding fellow farmers. Today Sri Mukesh Kumar Ramis becoming a role model for Fish farming in his scheduled areas and his block.Now his net annual income Rs. 9,50,000.00 annually and lives a better life.</td></tr>
<tr><td>Economic impact</td><td><table><tr><td>Total Expenditure (Rs.)</td><td>Total Income(Rs.)</td><td>Net income(Rs.)</td></tr><tr><td>359000</td><td>980000</td><td>621000</td></tr></table></td></tr>
<tr><td>Social impact</td><td>He produces quality fishes in commercial manner and selling to nearby market places and cities. He is also producing fish seeds in scientific manner also and selling it to surrounding fellow farmers.</td></tr>
<tr><td>Environmental impact</td><td>Sustainable fish Farming</td></tr>
<tr><td>Horizontal/ Vertical spread</td><td>visit of farmers to his farm and learn from him</td></tr>
</table>

Production of Fish

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

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology

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

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1.	Vegetables crop	Developed Bio-pesticide	Organic farming

		from New Leaf Bhat, Cow urine, Neem leaf, Marigold leaf, Lemon leaf, Papaya leaf ,Dathra leaf, leaf of Sitaphal, Leaf of bel, leaf of tulshi leaf of mango, in ratio 200 lit. of water and 1 Kg each leaf Decomposed about 45 day to prepare Bio-agent.	
2.	Vegetable crop	Seedling growing in tunnel and covered with polythene cap	Protected cultivation

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.	Fruit & vegetable	8.0	1080q	05	Y

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	PRA	Bench Mark Survey,Doubling Farmers Income village selection, DFI network Project, CRA base line survey

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

Sl. No	Name of the Equipment	Qty.
1.	MSTL Van	01
2.	MridaParishak	01
3.	Single distillation unit	01
4.	Weighing machine	01

3.11.b. Details of samples analyzed so far:

Number of soil samples analyzed		
Through mini soil testing kit/labs	Through soil testing laboratory	Total
-	304	304

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

Sl.	Analysis	No. of Samples analyzed	No. of Villages	No. of Farmers	Amount realized (Rs.)
1.	Soil	304 (Mid-June, 2022 To December, 2022)	11	280	15,200.00
2.	Water				
3.	Plant				
4.	Fertilizers				
5.	Manures				
6.	Food				
7.	Others (if any)				

3.11.d. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1.	World Soil Day	108	0	0	304	304

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

No of training programme	No. of demonstrations	No. of plant material produced	Visit by the farmers (No.)	Visit by the officials (No.)
04	18	-	747	21

3.13. Technology week celebration

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
21	90

ARS trainees trained	No of days stayed
-	-

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

Date	Name of the person	Purpose of visit
29.01.2022	N K Singh (ADA, Dr.RPCAU, Pusa)	CRA trail visit
11.02.2022	Manoj Kr. Singh (Social activist)	Field visit
11.02.2022	Yogi raj Aryan Giri (Social activist)	Field visit
18.04.2022	Alok Kumar (assistant director Agril. Engg)	CRA visit
08.07.2022	Alekh Kr. Sharma (assistant director Agronomy)	Farmer scientist interaction
08.07.2022	Mustafa Ansari SAO, Mahrajganj	Farmer scientist interaction
10.07.2022	Dr. C. Prasad (Ex DDG Extention)	Visit to KVK
28.07.2022	SagarRaika (Ex- MP)	Visit to KVK
04.08.2022	Dr. PS Brahmanand (Director Research)	Visit to CRA field and villages
28.08.2022	N K Singh (ADA, Dr.RPCAU, Pusa)	CRA trail visit
06.09.2022	NeshatEqbal (Technical consultant)	Visit to KVK
17.09.2022	Janardan Singh Sigrival (MP, Maharajganj)	Visit to KVK
17.10.2022	Janardan Singh Sigrival (MP, Maharajganj)	Visit to KVK

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			Before (Rs./Unit)	After (Rs./Unit)
Mushroom Cultivation	245	10	0	54000.00
Bee keeping	42	14	0	45000.00
Zero tillage	37	52	27000	35000.00
DSR	75	34	36000	55000.00
Seed production	202	15	25000	55000.00
Plant propagation	210	17	0	50000.00
Machination	53	51%	20000	42000.00

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

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
HYV	42%
Seed treatment	51%
GAP	50%
Seed replacement rate	31%

Give information in the same format as in case studies

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

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

4.4. Details of innovations recorded by the KVK

Thematic area	Management of salinity affected soil with manure and minimum tillage.
Name of the Innovation	Shree SurendraRai, Goianar, B. Hat, Siwan.
Details of Innovator	Canal irrigated area was more saline.
Back ground of innovation	Used well water in place of run off ponded water.
Technology details	Poor farmer cannot do without institutional support.
Practical utility of innovation	

4.5. Details of entrepreneurship development

Name of the enterprise	
Name & complete address of the entrepreneur	Sri Rama Shankar Sah , S/O Late MitthooSah, Village – Sarauti, Block- Pachrukhi
Role of KVK with quantitative data support:	1.Training 2.Availability of spawn
Timeline of the entrepreneurship development	Immediately of the training
Technical Components of the Enterprise	Availability of spawn
Status of entrepreneur before and after the enterprise	Before- Unemployed poor fellow After- Respectful earning for livelihood
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Raw materials availability- With the help of KVK Labour availability- Self engagement Consumer preference- As per need Marketing- Local purchaser

	Economic viability- Significantly viable
Horizontal spread of enterprise	Gradual dissemination

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
1.Dr.RPCAU, Pusa	Technical guidance of training & extension activities.
2.DAO, Siwan	Joint implementation of training programme, diagnostic team visits, Demonstration & Research
3.ATMA, Siwan	Joint implementation of training programme, diagnostic team visits, OFT, FLD,Demonstration& Research
4.NFL	Awareness camp, motivational trainings and technical guidance
5.IFFCO	Technical guidance in field day, trainings and demonstrations.
6.JDA,Saran	Training and workshop
7. BAMETI, Patna	Climate change training
8. NABARD	Training to farmers club of NABARD, Siwan.
9.PPL	Awareness programme and training
10.PARIVARTAN, NGO	Kisan mela,& awareness programme
11.Sugar factory, Sindholia	Awareness programme and training
12.Nehru Yuva Kendra, Siwan	Awareness programme and training
13.RSETTI, Siwan	Awareness programme and training
14.GADA	Awareness programme and training
15.DHO, Siwan	Awareness programme and training
16. JIVEEKA	Training
NRC LITCHI, Muzaffarpur	Training

5.2. List of special programme 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.)**
Climate Resilient Agriculture Programme (CRA Programme)	Climate Resilient agriculture Technology demonstrations	2020	Bihar Government	-

(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.)**
Assessment Refinement Validation Adoption	Assessment Refinement Validation Adoption	2021-22	ATMA Siwan	75000

Assessment Refinement Validation Adoption	Assessment Refinement Validation Adoption	2022-23	ATMA Siwan	75000
Furniture and Instrument	Furniture and Instrument	2021-22	ATMA Siwan	100000

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Vermi Compost	2010	60	-		250q			Used in the farm
2.	Azolla Unit	2016	25	-		15 kg			For demo.
3.	Mushroom Unit	2014	75	-					For demo.
	Total								

6.2.Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	July 2022	November 2022	4	Rajshree	FS	127			
Wheat	November 2022	Crop is standing	5	HD-2967	FS	Crop standing			
Rape seed and mustard	November 2022	Crop is standing	1	R- Suflam	TL	Crop standing			
Pigeon pea	July 2022	Crop is standing	2	R. Arhar 1	FS	Crop standing			
Potato	November 2022	Crop is standing	2	KufriChipsona and Sinduri	FS	Crop standing			

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

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

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

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

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

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

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:

No. of staffquarters:

Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
Sep. 2012	SS &H,all the Scientists, Staff are residing in KVK, campus since Sep.2012. Condition of PC quarter ,Scientist quarter and other Staff quarter requires repairing					

7. FINANCIAL PERFORMANCE

7.1.Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Main Account	PNB	Bhagwanpur Hat	1225002100001541
Revolving Account	PNB	Bhagwanpur Hat	1225002100001550
MMHM Account	PNB	Bhagwanpur Hat	1225002100002090
Non-ICAR Account	PNB	Bhagwanpur Hat	1225002100003248

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

Item	Released by ICAR		Expenditure		Unspent balance as on – 04.02.2023
	Kharif	Rabi	Kharif	Rabi	
Critical Input			1.1	0.32673	
Field day			0.055	-	
Publicity/Display			-	-	
POL etc.			-	0.02625	
Contingency			-	-	
Total	**1.155**	**0.357**	**1.155**	**0.35298**	**0.00402**

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

Item	Released by ICAR		Expenditure		Unspent balance as on 04.02.2023
	Kharif	Rabi	Kharif	Rabi	
Critical Input			0.45	1.548	
Field day			-	-	
Publicity/Display			-	-	
POL etc.			0.6	0.03052	
Contingency			-	-	

Total	**0.51**	**1.602**	**0.51**	**1.57852**	**0.02348**

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	1,28,58,999.00	1,28,58,999.00	-
2	HRD	15,000.00	15,000.00	9,500.00
3	Traveling Allowances	75,000.00	75,000.00	74,695.00
4	Contingencies			
A	Stationary, telephone, postage and other expenditure on office running, publication of newsletter/SCSP (Capital+ contingency)			
B	PoL, repair of vehicles, tractor and equipment	2,00,000.00	2,00,000.00	1,90,430.50
C	Training of farmers (Meals/refreshment of trainees)			
D	Training of extension functionaries			
E	FLD			
F	OFT			
G	Maintenance of Building			
H	Kisan Sammelan /Mela/Gosthi	4,50,000.00	4,50,000.00	3,59,882.00
TOTAL (A)		**1,35,98,999.00**	**1,35,98,999.00**	**634507.50**
B	Swachhta Expenditure	-	-	-
TOTAL (A+B)		**1,35,98,999.00**	**1,35,98,999.00**	**634507.50**
C. Non-Recurring Contingencies				
1	Equipment	-	-	-
TOTAL (C)		**-**	**-**	**-**
D. REVOLVING FUND		**-**	**-**	**10,49,910.00**
GRAND TOTAL (A+B+C)		**1,35,98,999.00**	**1,35,98,999.00**	**1684417.50**

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 31st December of each year (Kind + cash)
2019	17,91,931.22	7,23,168.00	10,38,747.14	14,76,352.08
2020	14,46,352.08	13,92,334,.00	16,50,457.50	12,18,228.58
2021	12,18,228.58	16,92,399.00	9,66,087.74	19,44,539.84
2022	20,44,555.34	29,65,975.50	10,49,910.00	39,60,620.84 (As on 31. 12. 2022)

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

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both
Scientist farmer interaction	03	All	Yes	ATMA Siwan	both
Rabi abhiyan/kharif abhiyan	06	Kharif and rabi	Yes	ATMA Siwan	Both

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
False smut	Paddy	October-November	20	70	-
Red rot	Sugarcane	July-August	45	85	
Die back	Mango	October	30	88	
Khaira	Paddy	August	80	10	

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

9.3. ***m Kisan*** Portal (National Farmers' Portal/ SMSPortal)

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

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	-
2.	No. of farmers registered in the portal	*35634 (Kisan Sarthi)*
3.	Mobile Apps developed by KVK	-
4.	Name of the App	
5.	Language of the App	-

6.	Meant for crop/ livestock/ fishery/ others	-
7.	No. of times downloaded	

9.5 Kisan Mobile Advisory Services (KMAS)

Sl. No.	Discipline	No. of Advisories	No. of Messages (text+ videos)	Total messages	No. of Farmers
1.	Crop	48	8642	8874	10218
2.	Livestock	19	2451	2494	1895
3.	Weather	52	8542	8932	10254
4.	Marketing	14	2451	2688	4518
5.	Awareness				
6.	Enterprises				
7.	Others				
8.	**Total**	**133**	**22086**	**22988**	**26885**

9.6. a. Observation of Swachha Bharat Programme/Pakhwara

Date/ Duration of Observation	Activities undertaken	No. of Participants			
		Staffs	Farmers	Others	Total
02.10.2022	Cleaning, Awareness programme	12	253	-	265
11.10.2022	Cleaning, Awareness programme	10	171	-	181
19.10.2022	Cleaning, Awareness programme	07	51	-	58
21.10.2022	Cleaning, Awareness programme	10	51	-	61

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office	04	
2. Basic maintenance	27	
3. Sanitation and SBM	11	
4. Cleaning and beautification of surrounding areas	15	
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	14	
6. Used water for agriculture/ horticulture application	03	
7. Swachhta Awareness at local level	16	
8. Swachhta Workshops	01	
9. Swachhta Pledge	312	
10. Display and Banner	23	
11. Foster healthy competition	01	
12. Involvement of print and electronic media	06	

13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	118	
14. No. of Staff members involved in the activities	74	
15. No of VIP/VVIPs involved in the activities	05	
16. Any other specific activity (in details)	Plantation in KVK, campus by Hon'ble MPMaharajganj	
Total	**630**	

9.7. Observation of National Science Day

Date of Observation	Activities undertaken
28.02.2022	Lectures, Debate Group discussion and science quiz

9.8. Programme with SeemaSurakshaBal/ BSF

Title of Programme	Date	No. of participants
-	-	-

9.9. Agriculture Knowledge in rural school

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

Give good quality 1-2 photograph(s)

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

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

9.11. Details of Swachhta Hi Sewaprogramme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1.	12	04	534	05	MP Siwan &Maharajganj,representative, BDO,

					BAO

9.12. Details of MahilaKisan Divas programme organized

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

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1.	Sri Tara chand Prasad	At+PO-Mirjumla, Block-Bhagwanpur Hat, Siwan	Vegetable cultivation
2.	Sri Sanjiv Kr. Singh	At-PO- Kala Dumara, Goreyakothi, Siwan	IFS
3.	Sri Gaurav Kumar	At+PO- Madarpur, Lakarinabiganj, Siwan	Vegetable cultivation
4.	Sri RamasankarSah	At+PO – Sarauti, Pachrukhi, Siwan	Mushroom
5.	Sri Awadesh Prasad	At+POSohailpatti, Basantpur, Siwan	IFS
6.	Sri Rajesh Kumar	At+PO+ Block-Bhagwanpur Hat, Siwan	Vegetable Cultivation
7.	Sri Suresh Prasad	At+PO- Karpaliya, Goreyakothi, Siwan	Fruit and vegetable
8.	Sri Rameqbal Prasad	At+PO- Ratanpura, Maharajganj, Siwan	Vegetable
9.	Mrs Baby Kumari	At+PO- Sondhani, Bhagwanpur Hat, Siwan	Tailoring and Stitching
10.	Sri Mukesh Kumar	At+PO- Kailgarh, Barhariya Siwan	Vegetable cultivation
11.	Sri Kamlesh Kumar	At+PO- Gangpur, Siswan	Boat mounted irrigation system
12.	Sri Ram Ayodhya Prasad	At+PO- Sadiha, Bhagwanpur Hat, siwan	Organic farming, Mushroom Cultivation
13.	Sri ShambhuNath Singh	At+PO-BhopatpurBharatiya, Lakrinaviganj	Sugarcane Cultivation
14.	Sri RamendraSah	At+Po- Mohammadpur, Bhagwanpur Hat	Vegetable cultivation, Poly tunnel
15.	Sri Surendra Singh	At+Po- Chorauli, Bhagwanpur Hat, Siwan	Seed production
16.	MahanthYogendra Das	At+Po-ChainpurMubarakpur, Siswan, Siwan	Vegetable cultivation

9.14. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Revolving	39,60,620.84 (As on 31.12.2022)	KVK

9.15. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1	Technology assessment and refinement	Technology assessment and refinement	ATMA	0.75	

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
27.03.2012	IMD	Non functional
21.09.2022	CRA Programme	Functional

9.17. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK
Bihar	Siwan	Production and Management technology	07	123	KVK, has prepared contingent plan for Siwan district and delivered guidelines DAO, PD, DHO, BAO, Agri.coordinator, Kisan salahakar, ATM, And BTM for Successful management in drought situation during year 2022

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

a) Year: N/A
b) Introduction / General Information: N/A

Experiment	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						
Experiment 3						

…						
..						
Others (If any)						

11. Details of TSP

a. Achievements of physical output under TSP during 2021

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

b. Fund received under TSP in 2022-23 (Rs. In lakh):

c. Achievements of physical outcomeunder TSP during 2022

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

d. Location and Beneficiary Details during 2022

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

12. Details of SCSP

Sl.	Activities	Physical Achievement	
1)	Trainings	No. of Trainings/Demos	No. of beneficiaries
a.	Farmer	05	100
b.	Women	01	39
c.	Rural Youths	01	14
d.	Extension Personnel		
2)	OFT	No. of OFTs	No. of beneficiaries
		01	07
3)	FLD	No. of FLDs	No. of beneficiaries
		03	51
4)	Mobile agro- advisory to farmers	No. of advisory	No. of beneficiaries
5)	Other activities		
a.	Participants in extension activities (No.)		
b.	Production of seed (q)		
c.	Production of Planting material (No. in lakh)		
d.	Production of Livestock strains (No. in lakh)		
e.	Production of fingerlings (No. in lakh)		
f.	Testing of Soil, water, plant, manures samples (Nos.)		

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

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
Zero tillage	24	24	5	4	0	0	0	20	0	24	0	24	

Crop Management / Production

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	
Paddy (Swarna Sub-1 &Rajshree)	14	2	0	0	0	25	4	27	4	31	
Tumeric (R. Sonia)	0.2	0	0	0	0	6	0	6	0	6	
Mustard (Uttara)	10	4	0	0	0	19	7	23	7	30	
Mustard (R.Suflam)	10	5	0	0	0	13	2	18	2	20	
Lentil	10	8	0	0	0	28	6	36	6	42	
Potato	1	0	0	0	0	10	0	10	0	10	
Wheat	9	9	0	0	0	25	6	34	6	40	
Vegetables	20	14	3	0	0	67	16	81	19	100	

Livestock and fisheries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
Chicks	900	38	-	4	2	0	0	27	5	31	7	38	
Chick feed	900	38	-	4	2	0	0	27	5	31	7	38	

Institutional interventions

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

Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
Training	16	69	18	0	0	463	76	532	94	626

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
Awareness programme of Natural farming	03	9	40	49	312	18	330	321	58	389
FLD	14	34	8	0	0	282	53	316	61	377

Detailed report should be provided in the circulated Performa

14.a) Awards/Recognition received by the KVK in year 2022

Sl. No.	Name of the Award	Conferring Authority	Amount	Purpose
1.				

b) Award received by Farmers in year 2022

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

	Award	Farmer						Authority
1.	Abhinav Kisan Puraskar	Sri Tara Chand	Mirjumla, Bhagwanur Hat, Siwan	9006516723	-	5000.00	Custom hiring	Dr.RPCAU, Pusa

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

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

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

17. Integrated Farming System (IFS)

A) Details of KVK Demo. Unit

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

B) Activities under IFS

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

18. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	DSR	Low cost of cultivation, less irrigation, short days crop, higher yield	15000.00	165	
2	Zero tillage		17000.00	1217	
3	Seed/ Planting Material production		30,000.00	102	
4	Mushroom Production		10,000.00	17	

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

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I					

II					N/A
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, undertaken during 2022

Year	Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants	Whether uploaded to SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2022	-	-	-	-	-	-	-

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

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

22. Information ofNARI Project(if applicable)

Name of Nodal Officer	No. of OFT on specified aspects	Title(s) of OFT	No. of FLD on specified aspects	No. of capacity development programme on specified aspects	Total no. of farm women/ girls involved in the project	Details of Issues related to gender mainstreaming addressed through the project
SS &H			5	7	136	Women empowerment and reducing malnutrition

Progress Information of NARI Project

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

Sl.	Name of Nutri-Smart Village	Type of Nutrition Garden	Number	Area (sqm)	No. of beneficiaries
1.	Chorauli	Backyard/Kitchen garden	5	1250	05
	Mirhata C. ward 34				
	Bherwaniya				
	Mirhata C ward No. 199				
	Piprahia				
2.		Community level			
3.		Terrace Garden			
4.		Vertical Garden			
TOTAL			05	1250	05

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

Name of Nutri-Smart Village	Season	Activity (OFT/FLD)	Category of crop (cereal/ pulses/oilseed/ fruits & veg./ others	Name of Crop	Variety	Area (ha)	No. of beneficiaries

c. Value addition in Nutri-Smart village

Name of Nutri Smart Village	Name of Crop/ veg./ fruits/ other	Name of Value added product	Activity (OFT/FLD)	No. of farmers/ beneficiaries
Chorouli (Anganwadi centre)	Cultivator Feh-305 Cultivator Feh-305 Hand Hoe Khurpi Khurpi wooden Trowel Forck Suparcut Secateurs Seissors Spades-25 Spades-30	-	FLD on Nutri garden hand tools	**1 (AWC)**
Mirhata (Anganwadi centre)C/No-34	Cultivator Feh-305 Cultivator Feh-305 Hand Hoe Khurpi Khurpi wooden Trowel Forck Suparcut Secateurs Seissors Spades-25 Spades-30	-	FLD on Nutri garden hand tools	**1 (AWC)**
Bherbania (Anganwadi centre)	Cultivator Feh-305 Cultivator Feh-305 Hand Hoe Khurpi Khurpi wooden Trowel Forck Suparcut Secateurs Seissors Spades-25 Spades-30	-	FLD on Nutri garden hand tools	**1 (AWC)**
Piprahia (Anganwadi centre)	Cultivator Feh-305 Cultivator Feh-305 Hand Hoe Khurpi Khurpi wooden Trowel Forck Suparcut Secateurs	-	FLD on Nutri garden hand tools	**1 (AWC)**

	Seissors Spades-25 Spades-30			
Mirhata (Anganwadi centre) C/No-199	Cultivator Feh-305 Cultivator Feh-305 Hand Hoe Khurpi Khurpi wooden Trowel Forck Suparcut Secateurs Seissors Spades-25 Spades-30	-	FLD on Nutri garden hand tools	**1 (AWC)**

d. Training programmes in Nutri-Smart village

Name of Nutri Smart Village	Area of Training	No of courses	No. of beneficiaries
Chorouli	2	2	40
Sonbarsha	1	1	15
Ziradei	1	1	25
Saidpura	1	1	24
Piprahia	1	1	11
Badkagaon	1	1	21

e. Extension activities under NARI Project

Name of Nutri-Smart Village	Title of Activity	No. of activities	No. of beneficiaries
Chorouli, Sonbarsha, Ziradei, Saidpura, Piprahia, Badkagaon	PF Training	7	136

23. Activities under KSHAMTA

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

24. Information on KrishiKalyanAbhiyan Phase- I/ Phase-II/ Phase-III, if applicable

KrishiKalyan Abhiyan- I/II

A. Training

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

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

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

C. Livestock and Fishery related activities

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

D. Other activities

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

KrishiKalyan Abhiyan- III

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

25. ARYA

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

-	-	-	-	-	-	-

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

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

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

Awareness programme on soil testing

Distribution of kitchen garden kit by hon'ble MP Mahrajganj on the eve of PM's Birthday

Kisan gosthi under NICRA

Training on Nano Urea

Micro irrigation awareness programme under PMKSY

Live telecast of PM's Kisan Samman Nidhi programme

Inaguration of RY on bee keeping

Seed distribution under CFLD

Swatchata Saptaha celebration

Live telecast of AM on ICAR foundation day

Laser land leveling

Visit of Dr. C Prasad Ex. DDG (Agril. Extension)

Natural farming awareness programme

Exposure visit of farmer's from KVK Sheohar

RY training on Gardner

RY on Candle making

	
Natural farming awareness programme	INM training

News Coverage

दैनिक भास्कर सीवान 03-09-2022

कृषि विज्ञान केंद्र में राष्ट्रीय पोषण सप्ताह पर कार्यक्रम का आयोजन

भास्कर न्यूज | भगवानपुर हाट

कार्यक्रम में शामिल युवतियां

प्रखंड मुख्यालय में स्थित कृषि विज्ञान केंद्र के सभागार में शुक्रवार को राष्ट्रीय पोषण सप्ताह मनाया गया। राष्ट्रीय पोषण माह का थीम 'मेनिवेट चेन्ज्ड ऑफ फ्यूचर' रखा गया है।इस मौके पर केंद्र के वरिष्ठ वैज्ञानिक एवं अध्यक्ष डॉ.अनुराधा रंजन कुमारी की अध्यक्षता में एक दिवसीय प्रशिक्षण किसान गोष्ठी की गई इस प्रशिक्षण का मुख्य विषय बाल पोषण शिक्षा था। कार्यक्रम को संबोधित करते हुए डॉ.अनुराधा रंजन कुमारी ने कहा कि संतुलित आहार के लिए घर के आस-पास पोषण वाटिका लगाना चाहिए एवं प्राकृतिक विधि से पोषण वाटिका से उपजाये गए फलों एवं सब्जियों का उपयोग कर जरूरी पौषक तत्व एवं विटामिन प्राप्त कर सकते हैं।उन्होंने विभिन्न फलों एवं सब्जियों से मिलने वाले पोषक तत्व एवं विटामिन पर विस्तृत जानकारी दी।कार्यक्रम का आयोजन गृह वैज्ञानिक सुश्री सरिता कुमारी के देख रेख में किया गया।सरिता कुमारी ने बाल पोषण शिक्षा एवं खाद्य पिरामिड के बारे में विस्तृत जानकारी दी। उद्यान वैज्ञानिक डॉ.जोना दाखो ने फलों एवं सब्जियों के विभिन्न फायदे जैसे मिनरल विटामिंस एंटीआक्सीडेंट इत्यादि के बारे में जानकारी दी। कार्यक्रम का संचालन एसआरएफ शिवम चौबे ने किया। इस मौके पर अरुण कुमार, प्रशांत कुमार, दीपक कुमार, हर्ष कुमार, अभिषेक कुमार, मनीषा कुमारी सोनी, कुमारी मोनिका, कुमारी रानी, कुमारी प्रिया काफी संख्या में लोग उपस्थित थे।

कृषि विज्ञान केंद्र में राष्ट्रीय पोषण सप्ताह का आयोजन

सप्त. भगवानपुर हाट : कृषि विज्ञान केंद्र सभागार में शुक्रवार को राष्ट्रीय पोषण सप्ताह का आयोजन किया गया। कार्यक्रम की अध्यक्षता वरिष्ठ वैज्ञानिक सह अध्यक्ष डा. अनुराधा रंजन कुमारी ने की। डा. अनुराधा रंजन कुमारी ने कहा कि संतुलित आहार के लिए घर के आस-पास पोषण वाटिका लगाना चाहिए एवं प्राकृतिक विधि से पोषण वाटिका से उपजाए गए फलों एवं सब्जियों का उपयोग कर जरूरी पौषक तत्व एवं विटामिन प्राप्त कर सकते हैं। कार्यक्रम का आयोजन गृह वैज्ञानिक सरिता कुमारी ने किया। उद्यान वैज्ञानिक डा. जोना दाखो ने फलों एवं सब्जियों के विभिन्न फायदे जैसे मिनरल विटामिंस एंटीआक्सीडेंट इत्यादि के बारे में जानकारी दी। कार्यक्रम का संचालन एसआरएफ शिवम चौबे ने किया। इस मौके पर अरुण कुमार, प्रशांत कुमार, दीपक कुमार, हर्ष कुमार, अभिषेक कुमार, मनीषा कुमारी सोनी, कुमारी मोनिका, कुमारी रानी, कुमारी प्रिया काफी संख्या में लोग उपस्थित थे।

पटना, मंगलवार, 27 सितंबर, 2022 | 14 दैनिक भास्कर

प्राकृतिक खेती से होगा मुनाफा तकनीक पर देना होगा ध्यान

सिटी रिपोर्टर भगवानपुर हाट

कृषि विज्ञान केंद्र भगवानपुर हाट के वरिष्ठ वैज्ञानिक एवं अध्यक्ष डॉ. अनुराधा रंजन कुमारी के नेतृत्व में सोमवार को दारौंदा प्रखंड के बाल बंगरा गांव में \'कम लागत प्राकृतिक खेती\' विषय पर किसान चौपाल का आयोजन किया गया।किसान चौपाल में प्राकृतिक खेती के महत्व के विषय पर विस्तृत जानकारी देतें हुए डॉ.कुमारी ने बताया कि प्राकृतिक खेती वैसी खेती है, जिसमें रासायनिक कीटनाशक का उपयोग नहीं किया जाता है। उन्होंने बताया कि किसानों को पैदावार का आधा हिस्सा उनके उर्वरक एवं कीटनाशक में चला जाता है। यदि किसान अधिक मुनाफा चाहते हैं तो प्राकृतिक खेती की तरफ अग्रसर हो, प्राकृतिक खेती से मिट्टी में उपस्थित जैव विविधता का विकास होता है एवं मिट्टी की उर्वरा शक्ति बढ़ती है, जिससे फ़सलो की पैदावार अच्छी होती है और किसानों को अधिक मुनाफ़ा होता है। फसल उत्पादन वैज्ञानिक डॉक्टर हर्षा बी आर ने फसल उत्पादन के लिए जीवामृत, बीजामृत आदि बनाने की विधि को विस्तार से बताया। फार्मर फेस के सीएमडी एम एम सिंह ने देशी गाय को प्राकृतिक खेती में उपयोगिता के बारे में बताया। एसआरएफ प्रशांत कुमार ने मिट्टी जाँच के लाभ से किसानों को अवगत कराया तथा किसानों से मिट्टी जाँच कराने के लिए अनुरोध किया। फार्मर फेस में अंकित उपाध्याय के द्वारा इस कार्यक्रम का संचालन किया गया एवं प्राकृतिक खेती के प्रति लोगो को जुड़ने के लिए आग्रह किया।इस कार्यक्रम में बाल बंगरा पंचायत के मुखिया प्रतिनिधि मंदीप कुमार राय सहित गांव के सुरेंद्र पटेल, संतोष कुमार तिवारी, संजीव कुमार , उमेश यादव,अमरनाथ शर्मा, आदम अली, फुल्मती देवी, पार्वती देवी, रीना देवी आदि थी।

दैनिक भास्कर सीवान 23-09-2022

पोषण वाटिका को ले दिया गया प्रशिक्षण

सिटी रिपोर्टर | भगवानपुर हाट

प्रखंड मुख्यालय में स्थित कृषि विज्ञान केंद्र के परिसर में गुरुवार को एक दिवसीय प्रशिक्षण कार्यक्रम आयोजित किया गया। यह प्रशिक्षण पोषण माह के अंतर्गत पोषण वाटिका पर आधारित था । इस अवसर पर प्रशिक्षु महिलाओं के बीच पौधों का वितरण किया गया । इस अवसर पर केंद्र के वरिष्ठ वैज्ञानिक सह अध्यक्ष डॉ. अनुराधा रंजन कुमारी , गृह विज्ञान की वैज्ञानिक डॉ सरिता कुमारी द्वारा प्रशिक्षण का शुभारंभ किया गया । इस अवसर पर वैज्ञानिको ने ग्रामीण महिलाओं को पोषण वाटिका के बारे में विस्तृत जानकारी दिए एवं हर घर पोषण वाटिका लगाने के लिए महिलाओं को प्रेरित किया । केन्द्र के कृषि अभियंता कृष्ण बहादुर क्षेत्री, डॉ. हर्षा बी आर उपस्थित थे ।अन्य सहयोगी गण शिवम चौबे हर्ष कुमार सुमन कुमार एवं राज किशोर पासवान भी उपस्थित थे। प्रशिक्षण में सरिता कुमारी ने संतुलित आहार एवं पोषक तत्वों के बारे में विस्तृत जानकारी दिए एवं प्रशिक्षण में शामिल महिला प्रशिक्षुओं को टमाटर एवं मिर्च का पौधा का वितरित किया। सरिता कुमारी ने महिलाओं को हर घर पोषण वाटिका लगाने के लिए प्रोत्साहित किया इस कार्यक्रम का समापन कृषि अभियंता कृष्ण बहादुर क्षेत्री के द्वारा धन्यवाद ज्ञापन कर किया गया।

दैनिक भास्कर

पटना, सुरवार, 7 सितंबर, 2022 | 14

खाद्य प्रसंस्करण एवं उद्यमिता पर प्रशिक्षण

भगवानपुर हाट| कृषि विज्ञान केन्द्र में मंगलवार को खाद्य प्रसंस्करण एवं उद्यमिता पर एकदिवसीय प्रशिक्षण को कृषि वैज्ञानिकों ने दिया। इस प्रशिक्षण में एक निजी संस्था प्रशिक्षणार्थियों ने भाग लिया। वैज्ञानिक डॉ. अनुराधा रंजन कुमारी ने शिविर का शुभारंभ किया। मुख्य अतिथि निशांत इकबाल जोकि एनआईएफटीईएम के तकनीकी सलाहकार एवं अभिषेक यादव सीडीओ चीनी मिल सिधवलिया का स्वागत किया किया गया। इस कार्यक्रम को वैज्ञानिक डॉ. जोना दाखो उद्यान वैज्ञानिक ,सुश्री सरिता कुमारी गृह वैज्ञानिक, प्रत्यूष कुमार ,पशुपालन वैज्ञानिक एवं प्यारे मोहन पांडे उपस्थित रहे। बताया गया कि किसी भी खाद्य उद्योग के चालू करने से पहले बैलेंस शीट को जरूर बनाना चाहिए जिससे हमारे उद्योग में बहुत मदद मिलता है।इसके बाद उन्होंने पीएमएफएमई दो कार्य मुख्यता है।डोमेन जिसमें खाद्य प्रसंस्करण एवं ईडीपी उधमिता के बारे में जानकारी दिए।

हिन्दुस्तान www.livehindustan.com पटना, बुधवार, 7 सितंबर 2022 04

कृषि विज्ञान केन्द्र में उद्यमिता व खाद्य प्रसंस्करण पर प्रशिक्षण

भगवानपुर हाट, एसं। प्रखंड के कृषि विज्ञान केन्द्र के सभागार में मंगलवार को खाद्य प्रसंस्करण एवं उद्यमिता पर एकदिवसीय प्रशिक्षण दिया गया। इस प्रशिक्षण में फार्मर फेस के प्रशिक्षणार्थियों ने भाग लिया। केन्द्र की वरिष्ठ वैज्ञानिक एवं अध्यक्ष डॉ. अनुराधा रंजन कुमारी ने दीप जलाकर इसका उद्घाटन किया।

इसमें मुख्य अतिथि एनआईएफटीईएम के तकनीकी सलाहकार निशांत इकबाल एवं चीनी मिल सिधवलिया के सीडीओ अभिषेक यादव का स्वागत किया किया गया। कार्यक्रम में केंद्र की वरिष्ठ वैज्ञानिक डॉ. अनुराधा रंजन कुमारी ने खाद्य प्रसंस्करण व खाद्य सुरक्षा के बारे में विस्तृत जानकारी दी। मुख्य अतिथि निशांत इकबाल ने एमएसएमई के बारे में विस्तृत जानकारी दी। उन्होंने बताया कि किसी भी खाद्य उद्योग के चालू करने से पहले बैलेंस शीट को जरूर बनाना चाहिए। इससे हमारे उद्योग में बहुत मदद मिलता है। उन्होंने पीएमएफएमई के दो मुख्य डोमेन खाद्य प्रसंस्करण एवं ईडीपी उद्यमिता के बारे में जानकारी दी। इसमें किसी भी उद्यमिता को इस स्कीम द्वारा 35 प्रतिशत अनुदान दिया जाता है तथा प्रशिक्षण और मार्केटिंग पर मुख्य रूप से ध्यान दिया जाता है।

हिन्दुस्तान
www.livehindustan
पटना
शुक्रवार
13 जनवरी 2023

समापन | कृषि विज्ञान केन्द्र में चल रहा था यह प्रशिक्षण, प्रशिक्षणार्थियों को सिखाए गए खेती के गुर

उर्वरक अनुज्ञप्ति के लिए पोषण तत्त्व प्रबंधन विषय पर प्रशिक्षण

भगवानपुर हाट, एक संवाददाता।
प्रखंड के कृषि विज्ञान केन्द्र में चल रहा उर्वरक अनुज्ञप्ति हेतु पन्द्रह दिवसीय समेकित पोषण तत्त्व प्रबंधन विषय पर आयोजित प्रशिक्षण का गुरुवार को समापन हो गया। यह प्रशिक्षण 28 दिसंबर से चल रहा था। इस अवसर पर आयोजित समारोह का मुख्य अतिथि जिला कृषि पदाधिकारी जयराम पाल व केन्द्र की वरीष्ठ वैज्ञानिक एवं अध्यक्ष डॉ. अनुराधा रंजन कुमारी ने दीप जलाकर किया। इस अवसर पर अपने संबोधन में डॉ. अनुराधा रंजन कुमारी ने कहा कि इस प्रशिक्षण में बिहार और देश के विभिन्न हिस्सों से कृषि वैज्ञानिकों ने सशरीर एवं ऑनलाइन जुड़कर विभिन्न विषयों के बारे में विस्तृत जानकारी दी। इस ज्ञान को प्रशिक्षणार्थियों ने बहुत ध्यान से ग्रहण किया। प्रशिक्षण के दौरान आलू अनुसंधान केन्द्र पटना के डा. शम्भू कुमार, सब्जी अनुसंधान केन्द्र वाराणसी के पूर्व सब्जी वैज्ञानिक डा. आर एन प्रसाद, रानी लक्ष्मीबाई केन्द्रीय कृषि विश्वविद्यालय झांसी के डीन डा. एस के चतुर्वेदी व अन्य वैज्ञानिकों ने प्रशिक्षण दिया। मुख्य अतिथि सीवान के जिला कृषि पदाधिकारी जयराम पाल व केन्द्र की वरीष्ठ वैज्ञानिक एवं अध्यक्ष डॉ. अनुराधा रंजन कुमारी ने दीप जलाकर किया। इस अवसर पर अपने संबोधन में डॉ. अनुराधा रंजन कुमारी ने कहा कि इस प्रशिक्षण में बिहार और देश के विभिन्न हिस्सों से कृषि वैज्ञानिकों ने सशरीर एवं ऑनलाइन जुड़कर विभिन्न विषयों के बारे में विस्तृत जानकारी दी। इस ज्ञान को प्रशिक्षणार्थियों ने बहुत ध्यान से ग्रहण किया। प्रशिक्षण के दौरान आलू अनुसंधान केन्द्र पटना के डा. शम्भू कुमार, सब्जी अनुसंधान केन्द्र वाराणसी के पूर्व सब्जी वैज्ञानिक डा. आर एन प्रसाद, रानी लक्ष्मीबाई केन्द्रीय कृषि विश्वविद्यालय झांसी के डीन डा. एस के चतुर्वेदी व अन्य वैज्ञानिकों ने प्रशिक्षण दिया। मुख्य अतिथि सीवान के जिला कृषि पदाधिकारी जयराम पाल ने नेनों यूरिया एवं विभिन्न पोषक तत्वों पर प्रशिक्षणार्थियों से चर्चा की। उन्होंने उनसे कुछ सवाल किये एवं उनके जबाबों से संतुष्ट हुए तथा अन्य विषयों पर जानकारी भी दी। इस प्रशिक्षण के ट्रेनर ई. कृष्ण बहादुर छेत्री ने इस शाश्य विज्ञान सीवान के सहायक निदेशक डॉ. आलेख कुमार शर्मा, फार्मर फेस के मोहन मुरारी सिंह, गृह विज्ञान वैज्ञानिक सरिता कुमारी, क्रामं कार्यक्रम सहायक अरुण कुमार ने भी संबोधित किया।

कृषि विज्ञान केन्द्र में चल रहे उर्वरक अनुज्ञप्ति हेतु 15 दिवसीय समेकित पोषण तत्त्व प्रबंधन विषय पर आयोजित प्रशिक्षण के समापन समारोह का उद्घाटन करती केन्द्र की वरिष्ठ वैज्ञानिक एवं अध्यक्ष डॉ. अनुराधा रंजन कुमारी।

■ मुख्य अतिथि के रूप में शामिल हुए डीएओ

दो दिवसीय प्रशिक्षण का भी हुआ समापन

प्रशिक्षण की रूपरेखा के बारे में विस्तृत जानकारी दी। उन्होंने कहा कि प्रशिक्षण के दौरान 12 प्रायोगिक सत्र सहित कुल 42 विषयों पर विभिन्न वैज्ञानिकों के द्वारा इन पन्द्रह दिनों में विस्तृत जानकारी दी गई। समारोह को प्रशिक्षणार्थियों के बीच प्रमाणपत्रों का भी वितरण किया गया।

दैनिक भास्कर
सीवान 01-10-2022

समेकित पोषक तत्व प्रबंधन विषय पर प्रशिक्षण, दिया गया प्रमाण पत्र

भास्कर न्यूज | भगवानपुर हाट

प्रखंड मुख्यालय में स्थित कृषि विज्ञान केंद्र के प्रशिक्षण भवन में आयोजित समेकित पोषक तत्व प्रबंधन विषय पर 15 दिवसीय प्रशिक्षण कार्यक्रम शुक्रवार को समाप्त हो गया। प्रशिक्षण में उर्वरक विक्रेता का अनुज्ञप्ति प्राप्त करने के लिए चल रहे कार्यक्रम का प्रशिक्षण समाप्त होने के उपरांत सभी प्रतिभागियों के बीच प्रमाण पत्र का वितरण किया गया। कार्यक्रम में जिला पार्षद सदस्य सुरेलल कुमार डब्बू मुख्य अतिथि मौजूद रहे। कार्यक्रम की अध्यक्षता कृषि विज्ञान केंद्र की वरिष्ठ वैज्ञानिक एवं अध्यक्ष डॉ अनुराधा रंजन कुमारी ने किया।उन्होंने बताया कि इस प्रशिक्षण कार्यक्रम में समेकित पोषक तत्व विषय पर प्रतिदिन अतिथि विशेषज्ञ, केंद्र के वैज्ञानिकगण मौखिक एवं प्रयोगात्मक कार्यों को कराया गया। जिसमें कि सभी प्रतिभागियों को भविष्य में संतुलित उर्वरक प्रयोग की सलाह किसानों को देने का अनुरोध किया गया।वहीं जिला पार्षद ने कहा कि कृषि प्रधान देश में खुशहाल किसान ही देश को विकसित राष्ट्र बनाने में महत्वपूर्ण भूमिका है। कार्यक्रम में अंतिम सत्र में विशेषज्ञ के रूप में सहायक प्राध्यापक डॉ. सुमित कुमार सिंह एवं डॉ प्रियंवदा कुमार सिंह डॉ राजेंद्र प्रसाद केंद्रीय कृषि विश्वविद्यालय से रहें।

प्रतिभागियों को प्रमाण पत्र देते जिला पार्षद सुरेलल कुमार डब्बू।

हिन्दुस्तान
www.livehindustan
पटना
शुक्रवार
13 जनवरी 2023

समापन | कृषि विज्ञान केन्द्र में चल रहा था यह प्रशिक्षण, प्रशिक्षणार्थियों को सिखाए गए खेती के गुर

उर्वरक अनुज्ञप्ति के लिए पोषण तत्त्व प्रबंधन विषय पर प्रशिक्षण

भगवानपुर हाट, एक संवाददाता। प्रखंड के कृषि विज्ञान केन्द्र में चल रहा उर्वरक अनुज्ञप्ति हेतु पन्द्रह दिवसीय समेकित पोषण तत्त्व प्रबंधन विषय पर आयोजित प्रशिक्षण का गुरुवार को समापन हो गया। यह प्रशिक्षण 28 दिसंबर से चल रहा था। इस अवसर पर आयोजित समारोह का मुख्य अतिथि जिला कृषि पदाधिकारी जयराम पाल व केन्द्र की वरीष्ठ वैज्ञानिक एवं अध्यक्ष डॉ. अनुराधा रंजन कुमारी ने दीप जलाकर किया। इस अवसर पर अपने संबोधन में डॉ. अनुराधा रंजन कुमारी ने कहा कि इस प्रशिक्षण में बिहार और देश के विभिन्न हिस्सों से कृषि वैज्ञानिकों ने सशरीर एवं ऑनलाइन जुड़कर विभिन्न विषयों के बारे में विस्तृत जानकारी दी। इस ज्ञान को प्रशिक्षणार्थियों ने बहुत ध्यान से ग्रहण किया। प्रशिक्षण के दौरान आलू अनुसंधान केन्द्र पटना के डा. शम्भू कुमार, सब्जी अनुसंधान केन्द्र वाराणसी के पूर्व सब्जी वैज्ञानिक डा. आर एन प्रसाद, रानी लक्ष्मीबाई केन्द्रीय कृषि विश्वविद्यालय झांसी के डीन डा. एस के चतुर्वेदी व अन्य वैज्ञानिकों ने प्रशिक्षण दिया। मुख्य अतिथि सीवान के जिला कृषि पदाधिकारी जयराम पाल ने नेनों यूरिया एवं विभिन्न पोषक तत्वों पर प्रशिक्षणार्थियों से चर्चा की। उन्होंने उनसे कुछ सवाल किये एवं उनके जबाबों से संतुष्ट हुए तथा अन्य विषयों पर जानकारी भी दी। इस प्रशिक्षण के ट्रेनर ई. कृष्ण बहादुर छेत्री ने इस शाश्य विज्ञान सीवान के सहायक निदेशक डॉ. आलेख कुमार शर्मा, फार्मर फेस के मोहन मुरारी सिंह, गृह विज्ञान वैज्ञानिक सरिता कुमारी, क्रामं कार्यक्रम सहायक अरुण कुमार ने भी संबोधित किया। समारोह को प्रशिक्षणार्थियों के बीच प्रमाणपत्रों का भी वितरण किया गया।

कृषि विज्ञान केन्द्र में चल रहे उर्वरक अनुज्ञप्ति हेतु 15 दिवसीय समेकित पोषण तत्त्व प्रबंधन विषय पर आयोजित प्रशिक्षण के समापन समारोह का उद्घाटन करती केन्द्र की वरिष्ठ वैज्ञानिक एवं अध्यक्ष डॉ. अनुराधा रंजन कुमारी।

■ मुख्य अतिथि के रूप में शामिल हुए डीएओ

दो दिवसीय प्रशिक्षण का भी हुआ समापन

हिन्दुस्तान
पटना, शनिवार, 19 नवंबर 2022 04

डीआरसी ने कहा- किसान पारंपरिक बीज अपनाएं लेकिन कृषि के क्षेत्र में जो बदलाव हो रहे हैं, उसे भी आत्मसात करें

पराली जलाने से जमीन व सेहत दोनों को नुकसान

बोले विधानसभाध्यक्ष

■ जिला कृषि कार्यालय में दो दिवसीय कृषि यांत्रिकरण मेले की शुरुआत
■ कृषि विभाग की चार पुस्तकों का लोकार्पण, मेले में लगे 21 स्टॉल

किसान बनें ड्रोन दीदी : विधानसभाध्यक्ष

जिला स्तरीय कृषि मेला में लगाया गया स्टॉल

दैनिक भास्कर
सीवान 24-12-2022

पूर्व प्रधानमंत्री चौधरी चरण सिंह की जयंती पर किसान गोष्ठी का आयोजन

भास्कर न्यूज | भगवानपुर हाट

किसान नेता पूर्व प्रधानमंत्री चौधरी चरण सिंह के जयंती पर कृषि विज्ञान केंद्र के सभागार में किसान दिवस की रूप में मनाया गया।इसके उपरांत कम लागत प्रकृति खेती विषय पर किसान गोष्ठी का आयोजन किया गया।इस कार्यक्रम में मुख्यअतिथि भगवानपुर खण्ड मंडल के अध्यक्ष बच्चन तिवारी शामिल हुए।कार्यक्रम में कृषि विज्ञान के वरिष्ठ वैज्ञानिक सह अध्यक्ष डॉ.अनुरुध रंजन कुमारी ने कम लागत में प्रकृत खेती पर उपस्थित किसानों के बीच प्रोजेक्टर के माध्यम से प्रजेंट कर जानकारी दी।उन्होंने प्रकृत खेती में चार मुख्य घटक जीवामृत,जीवामृत,कम जीवामृत और अच्छादन/मिल्चिंग आदि के संबंध में जानकारी दी।उन्होंने कहा की प्रकृत खेती करने में किसानों कम लागत में अधिक लाभ के साथ ही साथ रसायनिक खादों से होने वाले नुकसान से बचा जा सकता है।प्रकृत खेती में किसान गाय के गोबर और गौमूत्र का महत्वपूर्ण भूमिका है।उन्होंने ने किसानों से कहा की किसान अपने खेत की मिट्टी का जांच करा कर ही खेती करें।इसके लिए किसान को कृषि विज्ञान केंद्र में स्थित मिट्टी जांच केंद्र में 50 रुपया देकर अपने खेत की मिट्टी जांच करा सकते है। गोष्ठी के उपरांत केंद्रीय कृषि एवं किसान कल्याण, खाद्य प्रसंस्करण उद्योग, ग्रामीण विकास एवं पंचायती राज मंत्री नरेंद्र सिंह तोमर के संबोधन का सीधा प्रसारण किया गया।इस मौके पर कृषि वैज्ञानिक सुनी सरिता, डॉ.ज्ञानी चौआर, डॉ.नंदिता मंगेवी, डॉ.प्रताप कुमार,कृषि अभियंता कृष्ण बहादुर चौधरी, एसआरएच शिक्षम दुबे,जीविका कर्मी अनिल राम आदि थे।

***