





ANNUAL PROGRESS REPORT

(FROM JANUARY 2023 TO DECEMBER 2023)



A. N. D. UNIVERSITY OF AGRICULTURE & TECHNOLOGY Kumarganj, Ayodhya, U.P.

DIRECTORATE OF EXTENSION

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Krishi Vigyan Kendra, Basti U.P. Progress Report

(January 2023 to December 2023)

SUMMARY

1. Training Programmes (ON/OFF Campus)

Clientele	No. of	Male	Female	Total participants
	Courses			
Farmers & Farm women	110	2237	695	2932
Rural Youths	18	338	108	446
Extension functionaries	07	115	57	172
Vocational Training	06	107	33	140
Sponsored	06	287	107	394
Total	147	3084	1000	4084

2. Front Line Demonstration (FLD) /Cluster Frontline Demonstrations (CFLD)

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	270	150.00	-
Pulses	48	18.0	-
Cereals	262	81.00	-
Cereals by Super Seeder-RCT	45	18.0	
Nutritional Garden	20	0.40	-
FLD under NARI (Nutritional	25	1.20	-
Garden+Bio fortified			
crop+Value Addition)			
Total	670	268.60	-
Livestock & Fisheries	55	-	50 buffalo & 05-Barbari Buck
Oat	42	4.10	-
Hybrid Napier Bajra	30	0.50	
Total	127	4.60	

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	06	30	30
Livestock	02	10	10
Various Enterprises	02	10	10
Total	10	50	50

4. Extension Programme

Category	No. of Programmes	Total Participants
Extension activities	20	9394
Other Extension activities	11	109
Total	31	9503

5. Mobile Advisory Service

Name			Type of Messages					
of KVK	Message Type	Crop	Live stoc k	Weather	Marketing	Awar - eness	Other enterprise	Tota l
Krishi	Text only	75	38	29	6	42	6	164
Vigyan Kendra	Voice only	110	21	8	7	52	7	170
, Basti	Voice & Text both	8	16	10	8	45	8	74
	Total	193	75	47	21	139	21	408
	Messages							
	Total farmers Benefitted	9521	2854	721	310	10024	411	2384 1

7. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (qt)	395.85	1310250
Planting material (No.)	36548	345142
Bio-Products (kg)	55 kg	550
Livestock Production (No.)	100 (10 Goat & 90 Poultry)	114500
Fishery production (No.)	51 kg table size	9180

8. Soil, water & plant Analysis

Samples		No. of Beneficiaries	Value Rs.
Soil	2454	3011 (91 village covered)	-
Water		-	-
Plant		-	-
Total	2454	3011	-

9. HRD & Publications

Sr. No.	Category	Number
1	Workshops	04
2	Conferences	02
3	Meetings	06
4	Trainings for KVK officials	03
5	Visits of KVK officials	08
6	Book published	-
7	Training Manual	-
8	Book chapters	01
9	Research papers	03
10	Lead papers	-
11	Seminar papers	-
12	Extension folder	04
13	Proceedings	01
14	Award & Recognition	-
15	On Going Research projects	04

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E- mail
Krishi Vigyan Kendra, Basti	Office	FAX	<u>kvkbasti@gmail.com</u>
Post – Katya, Distt. – Basti U.P. Pin – 272302			

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

Address	Telephone		E mail
	Office	FAX	
Acharya Narendra Deva University of Agriculture & Technology, Kumarganj, Ayodhya-224 229 U.P. India.	05270-262821	0527026282	vc_nduat2010@gmail.com

1.3. Name of the Head with phone & mobile No

Name	Telephone / Contact				
	Residence Mobile E-mail				
Dr. S.N. Singh	9450547719	9450547719	kvkbasti@gmail.com		

1.4. Year of sanction: 1985 by order no. 22(18)/83-kvk dated 15.01.1985 (as per MOU)

Staff Position as on 31-12-2023

SI. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Grade Pay	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)	Mobile No.	Email id	Please attach recent photograph
1	Sr. Sc. & Head	Dr .S.N. Singh	Prof& Head	Agril. Ext.	37400-67000	7th CPC	211800	07.01.2005	Permanent	General	+91-94450547719	snsinghpc@gmail.com	
2	Subject Matter Specialist	Dr. D.K. Srivastava	SMS	Animal Sc.	37400-67000	7th CPC	156900	12.01.2005	Permanent	General	91-8737983981	Srivastavadk3@gmail.com	

3	Subject Matter Specialist	Dr. Prem Shanker	SMS	Plant Pathology	15600-39100	7th CPC	71100	27.07.2013	Permanent	SC	+91-9616297380	drprem.ppa@ gmail.com	
4	Subject Matter Specialist	Dr. V.B. Singh	SMS	G.P.B	15600-39100	7th CPC	71100	26.07.2013	Permanent	General	+91-7235073921	Vbs.nduat12@gmail.co m	
5	Subject Matter Specialist	Dr. Manoj Kumar .Singh	SMS	Horticulture	15600-39100	7th CPC	73200	26.07.2013	Permanent	General	+91-9450091686	manojsingh3003@gmail.c om	
6	Subject Matter Specialist	Dr. Anjali Verma	SMS	Home Science	15600-39100	7 Th CPC	56100	18.05.2022	Permanent	OBC	+91-9310705532	Anjali19091 @gmail.co m	

9	8	7
Comp. Programmer	Programme Asstt.	Subject Matter Specialist
J.P. Shukla	Dr. S.K. Mishra	Hari Om Mishra
P.A(Comp)	Programme Asstt.	SMS
computer	Agriculture	Agronomy
9300-34800	15600-39100	15600-39100
7 Th CPC -	$7^{\mathrm{Th}}\mathrm{CPC}$	7 Th CPC
72100	90300	57800
16.02.2005	11-8-1992	18.05.2022
Permanent	Permanent	Permanent
General	General	General
+91-9721201183	+91-9450562532	+91-8004499791
<u>kvkbasti@gmail.com</u>	kvkbasti@gmail.com	hariommishra171@gmail.co m

10	Assistant	Nikhil Singh	Accountant	finance	1	7 Th CPC	39900	22.08.2019	Permanent	General	9473885544	<u>nikhilesysgmail.com</u>	
11	Driver	Sri Avinash Kumar Singh	Tractor Driver	High School	ı	7 Th CPC	21100	2.9.2019	Permanent	General	+91-8853932929	T	
12	Driver	Yogendra Kumar Singh	Driver cum Mechanic	Intermediate	,	7 Th CPC	22400	31.08.2019	Permanent	General	9451730087	1	
13	Supporting staff	Mr. Banarasi Lal	Attendant/Cook	Junior high school	5200-20200	7 Th CPC	33000	12.1.2005	Permanent	General	9554106566	ı	

1.6. Total land with KVK (in ha.)

S. No.	Item	Area (ha)
1.	Under Buildings	1.20
2.	Under Demonstration Units	2.40
3.	Under Crops	12.00
4.	Mother Fruit Plant orchard	2.00
5.	Vegetable Production	0.40
6.	Orchard /Agro Forestry	1.60
7.	Others (specify)	0.40
8.	Total	20.00

:

1.7. Infrastructural Development:

A)

		Source	Stage								
S.	Name of	of		Complete	9		Incomp	lete			
No.	building	funding	Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction			
1.	Administrative Building	ICAR	1992-93	500	25.0	-	-	Complete			
2.	Farmers Hostel	ICAR	2002-03	30	20.0	-	-	Complete			
3.	Staff Quarters (6)			400	29.43	-	-	Complete			
4.	Demonstration Units (2)	ICAR	2007-08	160	8.28	-	-	Complete			
5	Fencing	ICAR	2006-07	2000	13.75	-	-	Complete			
6	Rain Water harvesting system					-	-	-			
7	Threshing floor	ICAR	2006-07	289	2.99	-	_	Complete			
8	Farm godown	ICAR	2007-08	70	3.73	-	-	Complete			

B) RKVY Funded Infrastructure at KVK- Basti

S.	Particulars	Area/No.	Cost of Unit	Present
No.			(Rs. In lac)	Status
1	Establishment of mother fruit plant orchard (1.0 ha)	1.0 ha	0.50	Completed
2	Fish Pond (20 x 50) sq. mt	0.10 ha	2.50	Completed
3	Solar Energy- Street Light	10	0.245	Completed
4	Solar Inverter-1	5KVA	5.00	Completed
5	Solar Pump-1	7.5 HP	8.00	Completed
6	RCC Road	800 meter	0.22/sq.mt	Completed
7	Training Hall	305 sq.mt	57.80	Completed
8	Boundry wall	2000 mt	0.08	Completed
9	Poultry	01	6.75	Completed
10	Agri Farm-Tool Workshop	600 sq.ft	6.00	Completed
11	Vermi compost Unit	01(4pit)	2.00	Completed
12	Azola Unit	01(4tank)	0.50	Completed
13	Main Gate	01	2.20	Completed

14	Poly house & NET House	560 sq mt.	8.50	Completed
15	Leveling and bunding	12.00 ha	12.00	Completed
16	Sprinkler System Irrigation	01	0.60	Completed
17	Juggery Processing Unit& Funded by IISSR,	01	35.00	Completed
	Lucknow			
18	Scientific museum	01	2.00	Completed
19	Honey Bee Unit	01	0.50	Completed

C) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep (Bolero)	2019-20	8,00,000	103455	Good condition
Motor Cycle	2009-10	50,000	40510	Good condition
Tractor (Messi)	2011-12	5,00,000	4192 Hrs.	Good condition

1.8. A) Details SAC meeting conducted in the year 2022 : Not conducted

2. DETAILS OF DISTRICT (31Dec., 2023)

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1	Rice – wheat , Rice-Wheat-Sugarcane based
2	Paddy + Toria + Sugarcane, Urd + wheat based
3	Urd + potato + onion + okra
4	Crop Production+Vegitable
5	Crop Production+Vegitable+Poultry+Fish Production enterprises

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography) Agro-climatic Zone: North Eastern Plain Zone:

North Eastern Plain Zone consists of 11 districts viz. Bahraich, Sravasti, Gonda, Balrampur, Siddarth Nagar, Basti, Santkabir Nagar, Gorakhpur, Mahrajganj, Kushi Nagar and Deoria. It has an area of 33217 sq. km. which is 11.3% of the total area of the entire state. It has dance population about 1,59,66,722 which accounts for 15.37% of the population of the state. The average density of the population is 491.2/sq.km.

There are two types of soil, namely alluvial and calcareous. Alluvial soils are either sandy, sandy loam or clay loam. Besides, diara lands area also found in this zone. Rice–wheat is common crop rotation under irrigated condition. The deficiency of nutrients like nitrogen, phosphorus, zinc, sulphur and iron are mostly observed in this zone. The organic matter content varies between 0.20 to 0.40% and pH 6.0 to 8.5.

S. No	Agro-climatic Zone	Characteristics
1		Irrigated loam soil
2		Irrigated sandy loam soil
3	North Eastern Plain Zone	Irrigated sandy soil
4		Rain fed sandy /loam soil
5		Flood prone/water logged

2.3 Soil types

S. No	Soil type	Characteristics	Area in ha
1	Sandy Soil	This type of soil contains about 80% sand and 10% silt	41700
		and 10% clay. It is highly porosis and poor water retention	
		capacity.	
2	Sandy Loam	The loamy soil contains about 50-80% comparatively less	37530
	Soil	percent of silt and clay, which is about 15-25% and 10-	
		20% respectively.	
3	Loam Soil	The loam soil may be defined as a mixture of sand, silt	83400
		and clay particles, which exhibit about 30-50% sand and	
		silt and 10-30 % clay particles.	
4	Clay loam soil	This soil carries about 35 % clay particles and silt particles	45870
		and contains about 30% of sand unit. This type of soil can	
		easily retain moisture and it is sticky in nature.	

2.4. Area, Production and Productivity of major crops cultivated in the district

S. No	Сгор	Area (ha)	Production (Qt)	Productivity (Qt /ha)
1.	Rice	102.314	215.473	21.06
2.	Wheat	119033	383.048 mt	32.18
3.	Maize	80.000	240.00	30.00
4.	Lentil	2106.000	14.76	7.01
5.	Gram	985.000	877.00	891
6.	Pea	5476.000	6380.00	11.65
7.	Arhar	8,140.000	87,912.00	10.80
8.	Toria	886.405	5.868.00	9.16
9.	Rai	2180.000	20,601.00	9.45
10.	Sesamum	1690.000	3300.00	1.95
11.	Groundnut	1690.000	1670.00	9.88
12.	Urd	772.000	521.00	6.75

2.5. Weather data

Month	Rainfall (mm)	Tempe	erature [°] c	Relative Hu	umidity (%)
WIOIIII	Kannan (mm)	Maximum	Minimum	Maximum	Minimum
Jan-2023	33.5	19.5	7.8	88	61
Feb-2023	3.0	25.5	10.6	84	63
March-2023	0	31.5	14.9	77	44
April-2023	0	35.8	20.5	79	51
May-2023	0	39.0	24.0	85	39
June-2023	38.0	38.0	26.6	75	35
July-2023	152.6	34.0	26.0	91	62
August-2023	127.4	32.8	25.0	93	63
September-2023	203.4	30.0	24.1	89	64
Oct 2023	0.00	25.0	19.5	91	
Nov.2023	0.00	20.8	17.5	92	58
Dec. 2023	0.00	18.5	15.5	94	59

2.6 Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity						
Buffalo cattle cross	118026	172561 lit	4.3/lit/day						
breed- indigenous									
Goat	144455	68576 kids	10 kg/year						
Poultry									
Hens	-	-	-						
Desi	12500	1700000	200 egg/year						
Improved	78930	357860	2.00 kg						
Ducks	750	-	-						
Fish-indian	1040 la	1800 tonne	20.00 qt/ha						

2.7 Details of Operational Area / Villages

SI. No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Basti	Sadar	Awasthipur,	Til, Paddy,	Low yield of oil	Poor quality
			Gaura,	Wheat,	seed, pulse &	seed
			Manjharia,	Sugarcane	cereal crops	Imbalance use
			Katya.			of fertilizers
			Chitargadiya			• Improper
						sowing
						technique
						• Untimely
						sowing
						• Improper crop
						rotation
2	Harraiya	Kaptanganj	Kharika	Paddy wheat	Low yield	Improper
			Deori	sugarcane		sowing
			,Manjha	vegetable		technique
			Pariwarpur,			• Untimely
			Ranipur			sowing
						 Improper crop
						rotation
						Severe attack
						of pod borer
						• Weed
						infestation
						Severe attack
						of top borer &
						wilt

3	Basti	Bahadurpur	Pipra gautam,	Til, Paddy,	Unbalance use	• Improper
	Sadar	_	Kudha Patti,	Wheat, Potato	of HPK Low	sowing
			Bhelwal,Dha		yield of pulse	technique
			urahra		&cereal	• Untimely
						sowing
						Desi breeds of
						animals
						imbalance
						feeding
						• Improper
						stocking
4	Harriya	Harriya	Majhgawan	Til, Paddy,	Unbalance use	Severe attack of
				Wheat, Potato	of HPK Low	pod borer
					yield of pulse	• Weed
					&cereal	infestation
						• Severe attack
						of top borer &
						wilt
						• No use of bio
						fertilizer
5	Harriya	Vikramjot	Charthi bhatt,	Til, Paddy,	Water logging	Low production
			Pure Hemraj	Wheat,	area and crop	
				Sugarcane	intrusion of	
					wild animals .	

2.8 Priority/Thrust Area:

- 1 Management of Rice wheat cropping system.
- 2 Promotion of flood tolerance veriety of rice & sugarcane.
- 3 Promotion of resources conservation technologies.
- 4 Promotion of fruit crops: Mango, Anola, Papaya and Litchi.
- 5 Promotion of high Value Vegetable Production.
- 6 Promotion of Breed improvement in Buffalo, Cattle and Goat & Value added dairy products.
- 7 Entrepreneurship development in rural youths.
- 8 Integrated inland fisheries.
- 9 Drudgery reduction, skill and entrepreneurship development in farm women.
- 10 Nutrient management through liquid fertilizer & Bio-Fertilizer .
- 11 Promotion of fodder crop.
- 12 Promotion of high yielding varieties.

2.9 Intervention/ P	rogrammes for the	e doubling the farme	rs income Demonstrations

Before	Main crop	Inter crop	Equivalent	Cost of cultivation	Net income (Rs/ha)	B.C:	Remark if
Interventions	Yield (q/ha)	Yield (q/ha)	Yield (q/ha)	(R s/ha)*		Ratio	any
Intercropping	Paddy 38	-	38.0	48270	29250	1.60	-
System(Kharif-Rabi-	Wheat 30	-	30.0	37305	26895	1.72	
Zaid) –Livestock etc.	Sugarcane 510	-	510.0	65325	90255	2.38	

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After	Main crop	Inter crop	Equivalent	Cost of cultivation	Net income (Rs/ha)	B.C:	Remark if
Interventions	Yield (q/ha)	Yield (q/ha)	yield (q/ha)	(Rs/ha)*		Ratio	any
Intercropping	Paddy 43.5	-	43.50	50500	38240	1.76	-
System(Kharif-Rabi-	Wheat 37.0	4	42.50	37275	31600	2.42	
Zaid) –Livestock etc.	Sugarcane 700	3.5	762.50	66530	166032	3.48	

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before	Main crop	Inter crop	Equivalent	Cost of cultivation	Net income (Rs/ha)	B.C:	Remark if
Interventions	Yield (q/ha)	Yield (q/ha)	yield (q/ha)	(Rs/ha)*		Ratio	any
Mono Cropping	Paddy 36	-	36	38375	17425	1.45	-
System(Kharif-Rabi-	Wheat 25	-	25	35925	13325	1.37	
Zaid) –Livestock etc.	Sugarcane 500	-	500	52450	87550	2.66	

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield (q/ha)	Inter crop Yield (q/ha)	Equivalent yield (q/ha)	Cost of cultivation (Rs/ha)*	Net income (Rs/ha)	B.C: Ratio	Remark if any
Mono Cropping	Paddy 42	1	45.50	41650	23450	1.56	-
System(Kharif-Rabi-	Wheat 35	4	42.50	37275	31600	1.84	
Zaid) –Livestock etc.	Sugarcane 700	3.5	762.50	65325	162175	3.48	

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	Main crop Yield (q/ha)	Inter crop Yield (q/ha)	Equivalent yield (q/ha)	Cost of cultivation (Rs/ha)*	Net income (Rs/ha)	B.C: Ratio	Remark if any
Mixed Farming	Paddy 36	-	36	38375	17425	1.45	U
System(Kharif-Rabi-	Wheat 25	2	30	35925	13325	1.37	
Zaid)-Livestock etc.	Sugarcane 500	-	500	52450	87550	2.66	
	Livestock	-	-	63250	44750	1.70	
Horticulture- Vegetable	Vegetable	_	_	47500	78300	2.64	

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield (q/ha)	Inter crop Yield (q/ha)	Equivalent yield (q/ha)	Cost of cultivation (Rs/ha)*	Net income (Rs/ha)	B.C: Ratio	Remark if any
Mixed Farming	Paddy 42	1	45.50	41650	23450	1.56	
System(Kharif-Rabi-	Wheat 35	4	42.50	37275	31600	1.84	
Zaid) –Livestock etc.	Sugarcane 700	3.5	762.50	65325	162175	3.48	
	Livestock	-	-	145000	157000	2.68	
Horticulture-	Vegetable	-	-	70000	190000	3.71	
Vegetable	-						

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	Main crop Yield (q/ha)	Inter crop Yield (q/ha)	Equivalent yield (q/ha)	Cost of cultivation (Rs/ha)*	Net income (Rs/ha)	B.C: Ratio	Remark if any
IFS System(Kharif-	Paddy 36	-	36	38375	17425	1.45	j
Rabi-Zaid) –	Wheat 25	2	30	35925	13325	1.37	
Livestock etc.	Sugarcane 500	-	500	52450	87550	2.66	
	Livestock	-	-	63250	44750	1.70	
Horticulture-	Vegetable	-	-	47500	78300	2.64	
Vegetable							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield (q/ha)	Inter crop Yield (q/ha)	Equivalent yield (q/ha)	Cost of cultivation (Rs/ha)*	Net income (Rs/ha)	B.C: Ratio	Remark if any
IFC Crustom (Vhorif	Daddar 42	1	45.50	41650	22450	1.56	
IFS System(Kharif-	Paddy 42	1	45.50	41650	23450	1.56	
Rabi-Zaid) –	Wheat 35	4	42.50	37275	31600	1.84	
Livestock etc.	Sugarcane 700	3.5	762.50	65325	162175	3.48	
	Livestock	-	-	145000	157000	2.68	
Horticulture-	Vegetable	-	-	70000	190000	3.71	
Vegetable							
Fishries		-	-	45000	145000	4.22	
Mushroom		_	_	30000	82500	3.75	

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during (Jan,2023 – Dec,2023)

OF	Г (Technology Refine	/ Assessi ement)	ment and	FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)					
		1				2			
Numb	Number of OFTs Total no. of Trials				Area in ha Number of Farmers				
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement		
10	10	50	50	100	273.20	253	797		

Training (ir other tra	ainings	sponsored carried und <u>resting Un</u> 3	der Rainv	Extension Activities 4				
Number of Courses Number of Participants						of activities		ber of cipants
Clientele	Target	Achieve- ment	Targets	Achieve- ment	Targets	Achieve- ment	Target	Achieve- ment
Farmers	100	110	2500	2932	09	09	4000	5823
Rural youth	15	18	375	446	07	07	3000	3264
Extn. Functionaries	06	07	150	172	04	04	500	616
Sponsored	05	06	250	394	-	-	-	-
Vocational training	05	06	125	140	-	-	-	-
Total	131	147	3400	4084	20	20	7500	9503

:	Seed Production	n (Qt.)	Planting material (No.)				
	5		6				
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers		
200	390.85	1681	50000	86040	6049		

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVK

Thematic areas	Сгор	Name of the technology Assessed	No. of Trials	No. of Farmers
Varietal Evaluation	Paddy	Assessment of suitable high yielding variety of Kala Namak.	05	05
Varietal Evaluation	Wheat	Assessment of suitable high yielding variety of Wheat	05	05
Integrated Pest Management	Mango	Assessment of Suitable insecticides for control of Mango Mealy bug in mango.	05	05
Integrated Disease Management	Potato	Assessment of Suitable fungicide to control of late blight disease in potato.	05	05
	Paddy	Assessment of Suitable Fungicides for control of False Smut disease in Paddy		05
Resource Conservation	Wheat	<i>In Situ</i> Management of crop Residue of Rice in R-W Croping System.	05	05
Technology	Paddy	Assessment of efficacy of herbicide for control of weeds in direct seeded rice	05	05
Nutritional Security	Moringa	inga Assessment of effective supplement Moringa leaves powder for improvement of nutritional status of farm women		05
		Total	40	40

Summary of Technologies assessed under Livestock by KVK

Thematic Areas	Name of the livestock enterprise	Name of the technology assessed	No. of trial	No. of farmer
Nutritional Management	Buffalo	Assessment of Supplementation of Probiotics on milk Production and conception rate in buffaloes.	05	05
Mixed Fish Farming Fish Ass fing		Assessment of stocking of fingerlings in accurate weight and proper ratio.	05	05
	I	Total	10	10

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL Varietal Evaluation OFT-1

Problem Definition: - Low Yield of Paddy due to use of old variety.

Title: - Assessment of suitable high yielding Variety of Kala Namak paddy.

	Number	Days of	Plant	Yield	Cost of cultivation	Gross	Net Return	Increase in	B.C.
Technology	of Trials	Maturity	height(cm)	Q./ha	/ ha.	Return	Rs./ ha.	Yield (%)	
option						Rs./ ha.			
T ₁ Kala Namak		155	165	26.80	54400	134000	79600	-	2.46
(F.P.)	05								
T ₂ Pusa Narendra Kala		145	105	39.50	54300	197500	143200	47.38	3.63
Namak -1 (R.P.)									

Result: T₂ result indicates that maximum yield 39.50 qt/ha as compare to (F.P.) and maximum return Rs. 143200 with B:C ratio is 3.63. Var. matures comparatively 15-20 days earlier and plant height is also relatively short i.e. 105 cm.

OFT-2

Problem Definition: - Low yield of wheat due to use of low yielding variety.

Title: - Assessment of suitable high yielding variety of wheat.

Technology option	No. of Tri al	Days Of Maturity	Plant height (cm)	Yield(Q./ha)	Cost of cultivation/ ha.	Gross Return Rs./ ha.	Net Return Rs./ ha.	Increase in Yield (%)	B.C.
T ₁ HD-2967 (F.P.)	05			On	Going				
T ₂ . DBW-187(R.P.)	03								

Result: .

Integrated Pest Management OFT-3

Problem Definition: - Low Yield of Mango due to severe infestation of Mango Mealy bug insects.

Title:- Assessment of Suitable insecticides for control of Mango Mealy bug in mango.

Technology option	No. of Trial	Control of Insect infestation (%)	Yield qt/tree Tree age (10 Yrs)	Cost of cultivati on Rs./ha.	Gross Return Rs./ ha.	Net Return Rs./ ha.	Increase in Yield (%)	B:C Ratio
T ₁ Spraying of Emidachloroprid 17.8@SL@1.0 ml/lt (F.P.)		34	3.55	3000	8875	5875	-	2.95
T ₂ Covering of stem with 400 gauze of 25 cm polythene+10 cm pasting grease (Nov- Dec.)+use of 2.5 gm detergent/Lt +Buprofezin 25% SC@2.0 ml/lt water (R.P.)	05	91	5.50	3400	13750	10350	35.45	4.04

Result: T₂ Covering of stem with 400 gauze of 25 cm polythene+10.0 cm pasting grease(Nov-Dec.)+use of 2.5 gm detergent/Lt +Buprofezin25% SC

@2.0 ml /lt water results 35.45% increment in mango yield as compare to farmer's practice and found B:C ratio 4.04.

Integrated Disese Management OFT-4

Problem Definition:- Low Yield of Potato due to severe infestation of Late Blight disease .

Title:- Assessment of Suitable fungicide to control of late blight disease in potato.

KVK Basti conducted OFT to find out suitable fungicides for control of late blight.

Technology option	Number	Control of	Yield Q./ha	Cost of	Gross	Net Return	Increase in	B.C.
	of Trials	LBD/sqm. %		cultivation/	Return Rs. /	Rs./ ha.	Yield	
				ha.	ha.		(%)	
T ₁ Spraying of mancozeb 63% +Carbendazim @1.5 kg ./ha.				Ong	going			
T ₂ Spraying of Cymoxanil 8%+Mancozeb 64%wp@ 1.5kg/ha	05							

Result:

Resource Conservation Technology

OFT-5

Problem Definition: - Low yield of wheat due to poor degradation of rice residue available in field after combine harvestor and mobilization of Nitrogen to soil microflora for the degradation of residue resulted in poor growth of wheat crop in early stages.

Title: - In Situ Management of crop Residue of Rice in R-W Croping System.

Technology option	No. of Trial	Days Of Maturity	Plant height (cm)	Yield(Q./ha)	Cost of cultivation/ ha.	Gross Return Rs./ ha.	Net Return Rs./ ha.	Increase in Yield (%)	B.C.
T ₁ Application of nitrogen through DAP(120 kg/ha) at the time of sowing by super seeder (F.P)	05			On go	ing				
T ₂ Aplication of 45 kg /ha Nitrogen before sowing of Wheat(R.P.)									

Result:

Integrated Disease Mangement

OFT-6

Problem Definition: - Low Yield of Paddy due to severe infection of False Smut disease. **Title:** - Assessment of Suitable Fungicides for control of False Smut disease in Paddy.

Technology option	No. of Trial	Disease Severity %	Reduction in disease severity over control%	Yield Q./ha	Cost of cultivati on Rs./ha.	Gross Return Rs./ ha.	Net Return Rs./ ha.	Increase in Yield (%)	B:C Ratio
T ₁ Spraying of Carbendazim 50% WP @2.0gm./lt. water (F.P.)		6.5	68.50	38.00	46150	77520	31370	-	1.67
T ₂ Spraying of Propiconazole 13.9% +Diafenoconazo l 13.9% EC mixture @ 1ml/lt water (R.P.)	05	3.4	96.70	43.50	47250	88740	41490	14.47	1.87

Result: Ist Spraying of Propiconazole 13.9%+Diafenoconazol 13.9% EC mixture @1 ml/lt water at boom stage and 2nd spray at the stage of before flowering resulted was found 96.70% FSD control and B:C ratio was found 1.87.

Resource Conservation Technology

OFT-7

Problem Definition: - Low Yield of Direct Deeded Rice due to high weed infestation.

Title: - Assessment of efficacy of herbicide for control of weeds in direct seeded rice.

Technology option	Number of Trials	Days of Maturity	Plant height(cm)	Yield Q./ha	Cost of cultivation / ha.	Gross Return Rs./ ha.	Net Return Rs./ ha.	Increase in Yield (%)	B.C.
T ₁ - Pendimethaline 30% EC @3.25 lit (PE) + Bispyribac Sodium 10% SC (PoE) (FP)		126	107	39.40	41400	86010	44610	-	2.07
T ₂ Pyrazosulfuron Ethyle 10% WP 200gm /ha (PE) + Cyhalofop-Butyl 5.1% + Penoxsulam 1.02% OD 2lit. /ha+ + Cyhalofop-Butyl 10% EC (spot application) (R.P.)	05	126	109	46.65	41400	101836	60436	18.27	2.45

Result: : T₂- Pyrazosulfuron Ethyle 10% WP 200gm /ha (PE) + Cyhalofop-Butyl 5.1% + Penoxsulam 1.02% OD 2lit. /ha +Cyhalofop-Butyl 10% EC (Spot application) result indicates that maximum yield 46.65 qt/ha and maximum return Rs. 95166 with B:C ratio of 2.45 as compare to T₁ - Pendimethaline 30% EC @3.25 lit (PE) + Bispyribac Sodium 10% SC (PoE) (FP).

Nutritional Security

OFT-8

Problem: - Ignorance of locally available nutritious food and prevalence of malnutrition among farm women.

Title:- Assessment of the effective supplementation of Moringa leaves powder for improvement of nutritional status of farm women.

Technology Options	No. of Trials	Acceptability of the Products (judged by 0-9 point rating hedonic scale)	Hb level (g/dl)	BMI (kg/m ²)	B.P.(mmHg)
No use of moringa leave powder occasionally use spinach and bathua (F.P.)	05	7.5	9.5 to 10.5	26.03	132.57
Fortified locally available recipe using Moringa Leaves powder		8.0	11.0 to 11.5	25.28	127.71

Result: According to these result, taste and acceptability of the developed fortified products is very good . Developed products are very nutritious and

helpful remedy to eradicate anemia, obesity and high B.P. from the community as Moringa leaves are rich in iron, calcium and fiber etc.

Animal Nutrition Management

OFT-9

Problem Definition:- Low Milk yield in Buffalo.

Technology Assessed- Assessment of Supplementation of Probiotics on milk Production and conception rate in buffaloes.

Technology Option	Numb er of Trials	No.of animal	Previous milk yield (lt.)per day/animal	Milk yield during trial (lt.)per day/animal	Milk increase (%)	Conception Rate(%)	Additional cost/animal/ day Rs.	Net Return Rs./animal/d ay	BC ratio
$T_1 - 10 \text{ kg wheat}$ straw +2.0 kg concentrate mix.+ 20 kg green fodder +100 gm juggary (F.P)		5	4.80	5.20	8.33	40	9.00	59.15	1.40
T_2 . 10 kg wheat straw +2.0 kg concentrate mixture+20 kg green fodder+ Probiotics 20gm/day (bacteria base with vitamin and trace mineral)(R.P.)	05	5	4.85	6.15	26.80	80	21.50	84.65	1.52

Result: The result indicate that probiotic bolus feeding per day increase 26.80% milk and conception rate 80.00 % was found in comparison to F.P. and feeding of probiotic improve the Physical appearance and health of buffalo.

Mixed Fish Farming

OFT-10

Problem Definition:- Low production of fishes due to stocking of fingerlings in less weight and improper ratio.

Technology Assessed- Assessment of stocking of fingerlings in accurate weight and proper ratio.

Technology option	Number of Trials	Mortality %	Avg. body weight gain (kg)	Avg. Production (qt/ha)	% increase	Net Return	B:C Ratio
T_1 – Stocking of 20 gm body weight fingerlings in improper ratio. (F.P.)		14.0	0.61	18.70	-	105300	0.97
T ₂ -Stocking of 50 gm body weight fingerlings in Proper ratio(catla- 15%,Rohu-15%,Nain- 15%,Silver carp-15%, Gross carp-20% and common carp-20%) (R.P.)	05	6.0	0.83	20.45	9.35	128250	1.21

Result: The result indicated that by application of Stocking of 50 gm body weight fingerlings in Proper ratio production increases 9.35 % in Comparison to F.P. and Net return is Rs. 128250.00.

II. FRONT LINE DEMONSTRATION

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2022-23 and recommended for large scale Adoption in the district.

S.No	Crop/	Thematic Area	Technology	Details of popularization	Horizonta	I spread of tech	nnology
	Enterprise		demonstrated	methods suggested to the Extension system	No. of	No. of	Area
					villages	farmers	(ha)
1.	Paddy	Varietal	Kala Namak improved	-do-	31	630	104
2.	Paddy	Varietal	NDR-2064	-do-	26	550	95
3.	Wheat	Varietal	HD-2967	-do-	60	310	124
4.	Oat	Fodder Production	HYV JHO-822	-do-	07	224	108
5.	Kitchen garden	House hold food security	HYV of different varieties of veg.	-do-	18	250	4
6.	Oat	Varietal	JHO-851	-do-	14	326	18

II. FRONTLINE DEMONSTRATION

a. Follow-up for results of FLDs implemented during previous years List of technologies demonstrated during previous year and popularized during 2022-23 and recommended for large scale adoption in the district.

S. No	Crop/ Enterprise	Thematic Area*	Technology Demonstrated	Details of populariza tion methods suggested to the Extension System	Horizontal spread of Technology		
					No. of villages	No. of farmers	Area in ha
1	Paddy	Varietal	Kala Namak SL-03	-do-	31	630	104
2	Paddy	Varietal	NDR-2064	-do-	26	550	95
3	Wheat	Varietal	HD-2967	-do-	60	310	124
4	Oat	Fodder Production	HYV JHO-822	-do-	07	224	108
5	Kitchen garden	House hold food security	HYV of different varieties of vegetable	-do-	18	250	4
6	Oat	Varietal	JHO-851	-do-	14	326	18

b. Details of FLDs implemented during Jan 2023 to Dec. 2023 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

SI. No	Crop	Themat ic area	Techno. Demo.	Season and year	Area	a (ha)		o. of farm emonstra		Reaso ns for
					Propos ed	Actual	SC/ ST	Other	Total	shortf all in achiev e- ment
1	Paddy	VE	Pusa NarendraKal a Namak -1	Kharif 2023	20	20	11	39	50	-
2	Paddy	VE	NDR- 2065	Kharif 2023	10	10	9	16	25	-
3	Sesmum	VE	GJT-5	Kharif 2023	20	20	8	42	50	-
4	Mustard	VE	PPS-01	Rabi 2022-23	50	50	24	101	125	-
5	Lentil	VE	L- 4717	Rabi 2022-23	15	15	7	31	38	-
6	Dewormer	Animal Nutrition Mgmt.	Devormer+ Feeding of mineral mix.	Year 2023	50	50	11	39	50	-
7	HYB Napier	VE	JHN-06	Kharif 2023	0.20	0.20	2	10	12	-
8	Oat	VE	JHO-822	Rabi 2022-23	2.6	2.6	6	20	26	-

Details of Farming Situation

Сгор	Season	Farming situation (RF/Irrigated)	Soil type	Sta	atus o soil	of	Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
	Se	Fal siti (RF/Ir	So	Ν	Ρ	К	Pre c	Sowi	Harv	Sea rainfa	NO.
Paddy	Kharif	irrigated	Sandy loam and clay loam	Low	Low	Medium	wheat	7-6-2023	14.10.2023	630.6	28
Sesmum	Khari	irrigated	-do-	Medium	Medium	Medium	Sesmum	24-7-2023	11.10.2023	630.6	28
Wheat	Rabi	irrigated	-do-	Low	Low	Medium	Wheat	25.11- 2022,16.11. 2023	2.4.2023	-	-
Mustard	Rabi	irrigated	-do-	Low	Medium	Medium	Mustard	16-10- 2022,6.10.2 023	3.3.2023	-	-
Pigeon Pea	Kharif	irrigated	-do-	Medium	Medium	Medium	Pigeon Pea	18-7-2023	ı	-	-

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

	S. No	Feed Back for researchers	Feedback for line department
Ī	1	Mustard PPS-01 has good yield and high	Line deptt. should provide seeds at distt.
		oil content	Godowns and should provide subsidy on seed.
	2	Lentil Var. UMA Pod has more grain and good yield.	Line deptt. should provide seeds at distt. Godowns .

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Seasmum Variety pragati has higher no. of capsule/plants and higher no. of branches and high yield.
2	Mustard PPS-01 has more no. of siliqua /plant and higher no. of length siliqua and more no. of seeds /plant with higher test weight over check
3	Pigeon Pea Var . NDA-02
4	Blackgram Ballabh Urd
5	Lentil Var. UMA has more no. of pods/plants , more no. of seeds/plant and higher test weight.

Extension and Training activities under FLD

SI.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	10	Field days	211	05/01/2023,16/03/2023, 09/05/2023, 10/07/2023,9/08/2023,1 0/9/2023,15/9/2023 10/10/2023,17/11/2023, 28/11/2023
2	Farmers Training	07	Farmers Training	182	10/03/2023,6/04/2023,17/0 5/2023,15/06/2023,21/07/2 023,05/08/2023,13/09/202 3,
3	Media coverage	12	Media coverage	-	All readers
4	Training for extension functionaries	03	Training for extension functionaries	64	12/03/2023,08/05/2023, 24/08/2023,26/10/2023,15. 11.2023

	ea	p		SJ		Parameters name (No. of branches,	Result	t of ma	in para	ameter	ŝe		Yield	(q/ha))	yield	Econo	mics of d (Rs./	emonstra ha)	ation	E	onomics (Rs./		š
	Area	ogy rate	Ň	me	_	No. of tillers, No.	De	mo pl	ot		Itag		Demo)		in			_				L L	
Сгор	Thematic	technology demonstrated	Variety	No. of Farmers	Area (ha)	of pods or grains per plant, duration (days), No. of plants/sq mt.)	High	Low	Average	Check plot	% Advantage	High	Low	Average	Check	% Increase	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Sesamum	VE	HYV	GJT-5	50	20	Capsule/plant	48.1	38.5	44.3	36.5	21.3	6.9	5.5	6.4	5.2	23.0	20512	50112	29600	2.44	18600	40716	22116	2.18
						Length of capsule(cm)	2.8	2.2	2.7	2.09	29.1													
						Seed/capsule	66.8	53.5	62.5	50.8	23.0													
						Weight of 1000 seeds	3.4	3.0	3.4	3.	28													
						Yield(qt/ha)	6.9	5.5	6.4	5.2	23.0													
Mustard	VE	HYV	PPS-1	125	50	Siliqua /plant	403	305	325	258.6	25.6	12.5	10.5	11.4	8.5	45.3	32214	73530	41316	2.28	30046	54225	27179	1.80
						Siliqua length (cm)	4.8	4.2	4.6	4.0	15													
						Number of seed /siliqua	10.5	8.6	8.9	8.4	5.9													
						Wt. of 1000 seeds	4.9	4.0	4.9	4.0	22.5													
						Yield(qt/ha)	19.0	10.5	17.3	11.9	45.3													
Mustard	VE	HYV	RH-725	100	40	On going																		
Toria	VE	HYV	Uttara	25	10	On going																		

Performance of Cluster Frontline demonstrations (Jan, 2023 – Dec. 2023) **Cluster Frontline demonstrations on oilseed crops**

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	Seasmum Variety GJT-5 has good yield and resistant against disease &	Line deptt. should provide seeds at distt. Godowns and should provide subsidy on
	pest.	seed.
2	Mustard PPS-01 has good yield and high oil content	Line deptt. should provide seeds at distt. Godowns and should provide subsidy on
		seed.

Technical feedback on specific technologies demonstrated in FLDs

S. No	Fee	d Back																						
1																								
2	Mu	stard PP	S-01 ha	as mo	ore r	o. of siliqua /pla	nt and	highe	r no. o	of length	n siliqu	a and	more	e no. (of see	ds /pla	nt with	higher	test wei	ght ov	er cheo	ck		
Cluster F	rontli	ine dem	onstra	tion	on	pulse crops																		
						Parameters name	Rest	ılt of ma	ain para	meter			Yield	(q/ha)		_	Econ	omics of d		tion	F		of check	
	ea	, p		SIS		(No. of branches, No. of tillers, No.	Г	emo plo	ot		3c		Demo			yield		(Rs./	ha)			(Rs./	ha)	
Сгор	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	of pods or grains per plant, duration (days), No. of plants/sq mt.)	High	Low	Average	Check plot	% Advantage	High	Low	Average	Check	% Increase in yield	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Pigeonpea	VE	HYV+ weedici de	NDA-2	7	2.0	Number of primary branches plant-1	17.4	14.3	20.1	15.6	28.85	14.4	11.8	13.4	11.3	18.58	28755	88440	59685	3.07	27350	74580	47230	2.72
						Number of secondary branches plant-1	32.3	25.1	29.4	23.8	23.53													
						Pods plant-1	154.6	129.8	137	115	19.13													
						Seeds pod-1	3.45	3.00	3.22	2.84	13.38													
						100- seed weight (g)	7.06	6.66	6.85	6.5	5.38													
						Seed yield (q/ ha- 1)	14.4	11.8	13.4	11.3	18.58													
Blackgram	VE	HYV+we edicide	Ballabh Urd	3	1.0	Pods/Plant	24.3	20.9	22.9	18.1	26.51	10.27	8.54	9.12	7.87	15.88	18425	60192	41767	3.26	17985	51942	33957	2.88
						Seeds/Pod	6.8	6.1	6.4	5.8	10.34													
						Test weight (g)	38.8	37.1	38.1	36.4	4.67													
						Seed yield (qt./h)	10.27	8.54	9.12	7.87	15.88													
Lentil	VE	HYV	L-4717	38	15	Pods/Plant	211.1	194.6	200.8	194.6	3.20	19.5	14.7	17.3	14.66	18.49	44492	103800	59308	2.33	43895	87600	43705	1.99
						Seeds/Pod	1.8	1.5	1.6	1.48	12.8													
						Test weight (g)	28.5	20.9	25.9	20.74	25.0													
						Seed yield (qt./h)	19.5	14.7	17.3	14.6	18.4													
Horsegram																								

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)	

S. No	Feed Back for researchers	Feedback for line department									
1	Pigeon Pea Var NDA-02	Line deptt. should provide seeds at distt. Godowns									
2	Blackgram Var. Ballabh Urd	Line deptt. should provide seeds at distt. Godowns									
3	Lentil Var. L-4717Pod has more grain and good yield.	Line deptt. should provide seeds at distt. Godowns .									
Technic	Technical feedback on specific technologies demonstrated in FLDs										

S. No	Feed Back
1	Pigeon Pea Var. NDA-02 has more no. of pods/plants , more no. of seeds/plant and higher test weight.
2	Blackgram Var. Ballabh Urd has more no. of pods/plants, more no. of seeds/plant and higher test weight.
3	Lentil Var. L-4717 has more no. of pods/plants, more no. of seeds/plant and higher test weight.

FLD on NICRA Project & Other crop

	2a					Parameters name (No. of branches,			in para	meter	e		Yield	(q/ha)	•	yield	Econo	mics of d (Rs./l		ation	Ec	onomics (Rs./		:k
	Area	ate ate	y	me	la)	No. of tillers, No.		emo plo	t		tag		Demo			in y			_	_			_	-
Сгор	Thematic	technology demonstrated	Variety	No. of Farmers	Area (ha)	of pods or grains per plant, duration (days), No. of plants/sq mt.)	High	Low	Average	Check plot	% Advantage	High	Low	Average	Check	% Increase	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals																								
Paddy																								
Short Duration Variety	VE	HYV	CO-51	30	12	Plant height	100	95	101	98	3.06	55.23	48.2	53.1	40.2	32.08	55320	108324	53004	1.95	54985	82000	27015	1.49
						Days taken to maturity	155	140	150	145	3.44													
						No of panicle/m ²	364	323	325	310	4.83													
						No of fertile grain /panicle	168	145	151	128	17.96													
						yield	55.23	48.2	53.1	40.2	32.08													
Coarse Rice																								
Scented Rice	VE	HYV	Pusa Narendra Kala Namak- 01	35	14	Plant height	103	100	101	165	18.4	46.8	35.2	42.2	22.6	41.45	56812	234000	177188	4.11	54123	113000	58877	2.08

						Days taken to	147	141	145.2	170	-38.7													
						maturity No of panicle/m ²																		
						No of fertile grain	305 158.8	250 142.3	299.3 155.6	180 110	-14.58 66.27													
						/panicle yield	46.8	35.2	42.2															
Wheat	VE	HYV	DBW-187	12	5	On Going	40.8	35.2	42.2	22.0	41.45													
Wileat	٧Ľ	111 V		12	5	-																		
Wheat	VE	HYV	DBW-303	40	16	On Going																		
Wheat Timely sown	VE	HYV	DBW-222	110	24	Number of spike/m ²	292.56			257.21		51.28	43.98	47.49	38.98	21.83	45125	100916	55791	2.23	42155	82832	78617	1.96
						Length of spike	10.83	10.2	10.82	9.90	9.29													
						Grain/spike	42.45	40.73	42.10	39.05	7.81													
						Test weight	39.50	38.93	39.19	38.80	1.00													
						Yield(q/ha)	51.28	43.98	47.49	38.98	21.83													
Wheat Late Sown																								
Barley	VE	HYV	RD-2907	10	4.0	No of effective tillers/m ²	330.89	289.96	304.87	249.50	22.19	45.31	40.94	42.49	37.95	11.96	31200	73720	42520	2.36	29540	65756	36216	2.22
						Ear length	9.80	8.68	8.14	8.04	1.24													
						Grain/ear	45.89	45.56	42.83	40.10	6.80													
						Test weight	42.87	37.64	39.65	30.83	28.60													
						Yield(q/ha)	45.31	40.94	42.49	37.95	11.96													
Barley	VE	HYV	RD-2907	25	6.0	On going																		
Fodder																								
Crops Sorghum (F)																								
Cowpea (F)																								
Maize (F)																								
Napier	VE	HYV	JHN-06	15	0.25	-	-	-	-	-	-	794	668	731	-	-	32713	96847	64131	2.96	-	-	-	-
	VE	HYV	JHN-06	15	0.25	On Going																		

Berseem																								
Oat (F)	VE	HYV	JHO-822	26	2.6	-	-	-	-	-	-	380	306	343	275	19.82	22760	41975	19215	1.84	21665	33104	11451	1.53
Oat (F)	VE	HYV	Kent	16	1.5	Ongoing																		

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

** BCR= GROSS RETURN/GROSS COST

FLD on Farm Implements and Machinery in NICRA

Name of the implement	Сгор	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	File observ (output hou	ation /man	% change in major parameter	Labor r	eduction	(man days)		Cost red ha or Rs		c.)
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparat ion	Labour	Irrigat ion	Total
Super Seeder	Wheat	Sowing of wheat through Super seeder	20	8.0	Yeild	35.20	28.00	25.00	5	-	-	5	1500	-	-	1500
Seed Drill	Paddy	Sowing of paddy by Seed Drill	25	10.0	Going on	-	-	-	-	-	-	-	-	-	-	-

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		-
3	Wheat Var. DBW-222 has good yield	Line deptt. should provides the seeds in government godowns.
4	Barley Var. RD-2907 has produced more yield than wheat.	Line deptt. should provides the seeds in government godowns.
5		
6		
7	HYV oats var.JHO-822 has more cuttings. It increased milk yield .	Line deptt. should provides the seeds in government godowns with subsidy.
Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	
3	Wheat Var. DBW-222 has bold grain and more yield.
4	Barley Var. RD-2907 has produced more no. of ear bearing tillers, more no. of grain per ear and higher test weight. The var. has performed good in heat wave.
5	
6	HYV oats var.JHO-822 has 3-4 cuttings.

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/	Major parameters		% change in major parameter	eggs/biru/						Economics of check (Rs.)			
				Birds, etc)	Demo	Check		Demo	Check			Net Return			Gross Return		BCR (R/C)
Cattle																	
		Deworming+feed ing of Mineral mixture.	50	50	FLD going on	-	-	-	-	-	-	-	-	-	-	-	-
	Upgradation of desi goat breed	Barbari goat	05		FLD going on	-	-	-	-	-	-	-	-	-	-	-	-
Vaccinati on																	

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

** BCR= GROSS RETURN/GROSS COST

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	After consuming min. mix. Physical appearance has been improved	Deptt. of animal husbandry should provide min. mix to live stock rearers at
	and market price has increased.	subsidized rate.

S. No	Feed Back
1	The buffalo consuming more ration and increase milk yield. After feeding of min. mix and deworming tab. Buffalo conceives at proper time.
2	

FLD on Fisheries

Category	Themati	Name of the	No. of	No.of	Major pa	rameters	% change	in major		Econor	mics of de	nonstratio	Economics of check (Rs.)				
Category	c area	technology demonstrated	Farmer	units	Demons ration	Check	in major parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Common Carps																	
Composite																	
fish culture																	
																	<u> </u>
Feed																	
Manageme nt																	

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

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

S. No	Feed Back
1	
2	

FLD on Other enterprises

Category	Name of the technology	No. of Farmer	No.of units	Major para	ameters	% change in major	Other p	arameter	Econom	nics of dem Rs./	onstration unit	(Rs.) or	(Rs.) or Rs./unit			
	demonstrated			Demo	Check	parameter	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oyster Mushroom																
Button Mushroom																
Apiculture																
Maize Sheller																
Value Addition																
Value Addition																
Vermi Compost																

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

S. No	Feed Back
1	
2	

FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Check

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	observ (output	in major		observation in major (output/man parameter				Cost reduction (Rs./ha or Rs./Unit etc.)			c.)
						Demo	Check		Land preparatio n	-	Weedin g	Total	Land preparat ion	Labou r	Irrigati on	Total

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department									
1											
2											
Technical feed	back on specific technologies demonstrated in FLI	Ds									
S. No	Feed Back										
1											
2											

FLD on Other Enterprise:	Kitchen Gardening
--------------------------	--------------------------

Category and Crop	Thematic area	Name of the	No. of Farm	No. of Units			% chang	Other parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
		technology demonstra ted	er		Demons ration	Check	e in yield	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Seasonal Vegetable	Food and Nutritional Security	Nutri- garden	10	10	940	710	32.3%	-	-	8700	19230	10530	2.21	8200	15210	7010	1.85
Seasonal Vegetable	Food and Nutritional Security	Nutri- garden	10	10	Going on	-	-	-	-	-	-	-	-	-	-		

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1	Farm women responded that they were unable to eat fresh vegetable in routine way due to high price of vegetable, but now we are able to consume fresh vegetable.	Line deptt of distt. Should provide seed from govt. down.
2		

S. No	Feed Back
1	Farm women has produced various type of vegetables and consume that will suply micro nutrients, vitamins, minerals extra.
2	

Yield (q/ha) Economics of demonstration (Rs./ha) Technology demonstrated Hybrid No. of Area % Increase Demo Crop BCR Gross Gross Variety Farmers (ha) in yield Net Return Check High Low (R/C) Cost Return Average Oilseed crop Pulse crop Cereal crop Vegetable crop Fruit crop Other (specify)

FLD on Demonstration details on crop hybrids (Details of Hybrid FLDs implemented during 2023)

Note : Remove the Enterprises/crops which have not been shown

Farmers reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. No	Feed Back for researchers	Feedback for line department
1		
2		

S. No	Feed Back
1	
2	

III. Natural Farming

1) Crop Harvesting Details

				С	rop Details Unde	r Demonstr	ation						
		Na	tural farmin	g				Farmer's Pra	ctice		Date of	Date of	
Name of KVK	Name of Crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)	Name of crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)	Sowing	Harvesting	
Basti	Wheat	DBW-222	0.4	27.95	24121	Wheat	HD-2967	0.4	40.3	40202	8/12/2022	19/04/2023	
Basti	Wheat	DBW-222	0.4	26.39	27004	Wheat	PBW- 373	0.4	38	45007	11/12/2022	20/04/2023	
Basti	Wheat	DBW-222	0.4	25.35	26689	Wheat	HD-3086	0.4	36.5	44483	7/12/2022	11/04/2023	
Basti	Wheat	DBW-222	0.4	28.86	25743	Wheat	HD-2967	0.4	41.6	42905	6/12/2022	19/04/2023	
Basti	Wheat	DBW-222	0.4	27.95	24799	Wheat	HD-3086	0.4	40.3	41332	8/12/2022	20/04/2023	
Basti	Wheat	DBW-222	0.4	26.26	27682.2	Wheat	DBW- 222	0.4	37.8	46137	11/12/2022	11/04/2023	
Basti	Wheat	DBW-222	0.4	24.05	27367	Wheat	DBW- 222	0.4	34.6	45613	7/12/2022	19/04/2023	
Basti	Wheat	DBW-222	0.4	24.83	26421	Wheat	PBW- 373	0.4	35.8	44035	6/12/2022	20/04/2023	
Basti	Wheat	DBW-222	0.4	23.79	25021	Wheat	HD-3086	0.4	34.3	41702	7/12/2022	11/04/2023	
Basti	Wheat	DBW-222	0.4	28.73	27904	Wheat	HD-2967	0.4	41.4	46507	6/12/2022	19/04/2023	
Basti	Wheat	DBW-222	0.4	24.57	27589	Wheat	DBW- 187	0.4	35.4	45983	8/12/2022	20/04/2023	
Basti	Wheat	DBW-222	0.4	24.05	26643	Wheat	HD-3086	0.4	34.6	44405	11/12/2022	21/04/2023	
Basti	Wheat	DBW-222	0.4	24.83	27682	Wheat	HD-2967	0.4	35.8	46137	7/12/2022	11/04/2023	
Basti	Wheat	DBW-222	0.4	18.59	27367	Wheat	Desi- Banshi	0.4	26.8	45613	11/12/2022	19/04/2023	
Basti	Wheat	DBW-222	0.4	28.73	26421	Wheat	DBW- 222	0.4	41.4	44035	12/12/2022	20/04/2023	
Basti	Wheat	DBW-222	0.4	26.78	25021	Wheat	PBW- 373	0.4	38.6	41702	8/12/2022	11/04/2023	

2) Preliminary Soil Data of Natural Farming Field

Name of	Soil data of		Soil A	nalysis			Micron	utrients			Mic	crobial Analysis		
KVK	Demonstrated/KVK Plot	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Organic Carbon (%age)	Ca (Kg/ha)	Mg (Kg/ha)	Zn (Kg/ha)	Others	Bacterial count (Nos.)	Fungi (Nos.)	Actinomycetes (Nos.)	Phosphorus Solubilizer (Nos.)	N Fixers (Nos.)
Basti	Demonstrated	202	15.2	190	0.47	19.4	14	22.5		3.51×10^8	3.66x10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	165	9	184	0.2	11.4	32.7	19.5		3.18×10^8	3.74x10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	191	12.6	176	0.17	8.4	26.7	20.5		3.61×10^8	2.86×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	215	14.6	200	0.31	7.4	20.2	16.1		2.95×10^8	2.33×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	275	17.89	212	0.36	5.9	19.5	12.3		3.33×10^8	2.99×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	154	14.5	246	0.4	6.4	18.3	13.4		4.16×10^8	3.85×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	169	18.2	255	0.69	6.3	20.7	14		3.58×10^8	3.66×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	191	9	242	0.29	7.6	21.2	15.5		3.37×10^8	2.98×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	248	14.9	246	0.36	10.9	14.5	22.5		3.25×10^8	2.37×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	251	9	206	0.18	4.9	19.2	22.5		3.22×10^8	3.25×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	200	11.9	122	0.26	9.9	17.7	19.5		4.2×10^8	3.91×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	206	11.2	120	0.4	11.4	15.2	23		3.41×10^8	2.92×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	215	8.5	135.5	0.14	23.4	28.7	13.3		3.36×10^8	2.69×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	176	12.5	150.5	0.41	12.9	16.7	26		3.55×10^8	2.82×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	198	16.5	182	0.29	8.4	20.7	25.5		3.11×10^8	4.14×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	Demonstrated	218	17.	174	0.31	7.4	16.5	22		3.89×10^8	3.88×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-
Basti	AT KVK Plot	247	14	245	0.37	10.2	14.6	22.1		3.26×10^8	2.37×10^8			
									-	cfu/g soil	cfu/g soil	-	-	-

3) Details of Demonstrations Conducted under Natural Farming Project

S. No.	Name of KVK	Name of village	Name of farmer	Mobile no. of farmer	Area under demonstration on Natural Farming (ha)	
1	KVK Basti	Pachari Kala	Bijendra Bahadur Pal	8795798979	0.4	
2	KVK Basti	Matera Bahadurpur	Rakesh Kumar Pandey	8795798979	0.4	
3	KVK Basti	Khutehna Gaur	Yogendra Singh	8601043918	0.4	
4	KVK Basti	Kharika Devri	Agyaram Verma	8299664133	0.4	
5	KVK Basti	Dhaurhara	Perma nnand Singh	9838250446	0.4	
6	KVK Basti	Barsav Dubaulia	9451079823	0.4		
7	KVK Basti	Manwa Saltaua	Amit Vikram Tripathi	7355379750	0.4	
8	KVK Basti	Gaura Basti Sadar	Ram murti Mishra	9889387997	0.4	
9	KVK Basti	Govindpura Basti Sadar	Atma Prasad Pathak	7905466344	0.4	
10	KVK Basti	Charthi Bhatt	Dinesh Verma	9451027716	0.4	
11	KVK Basti	Banskhor Kala	Siraj Ahmad	9451027716	0.4	
12	KVK Basti	Bhelwal Bahadurpur	Arvind Singh	9838669367	0.4	
13	KVK Basti	Katya	Gopal Singh	9792178484	0.4	
14	KVK Basti	Parsajagir Basti Sadar	Ram Charitra	9919769215	0.4	
15	KVK Basti	Dubauliya	Ahmad Ali	9838712422	0.4	
16	KVK Basti	Nagpur Harriya	Smt Krishnawati	9554022661	0.4	

Sl. No.	Name of the District	Name of the Farmers	No. of desi (indigenous) cows	Land holding (ha)	Crops Grown	Crops Grown No. of Years in Natural Farming Farming Farming Farming Years in Natural Farming Yea		Crops Grown under Natural Farming	Any significant achievements under natural farming
1	Basti	Atma Prasad Pathak	4	1.50	Rice Wheat, Mustard	3	0.4	Rice Wheat, Mustard	-
2	Basti	Yogendra Singh	2	1.00	Rice Wheat, Mustard	3	0.4	Rice Wheat, Mustard	-
3	Basti	Amit Vikram Tripathi	2	1.50	Rice Wheat, Mustard	2	0.4	Rice Wheat, Mustard	-
4	Basti	Rajendra Singh	3	1.00	Rice Wheat, Mustard	4	0.4	Haldi	-

4) Information of Farmers already Practicing Natural Farming

5) Natural Farming Nodal officer & Associated Scientists

S.No.	Name of KVK	Name of Head/SMS	Discipline/Subject	Mobile No.
1.	Hariom Mishra	SMS	Agronomy	8004499791
2.	Dr. Vinod Bahadur	SMS	Genetics and Plant breeding	7235073921
3.	Dr. Prem Shanker	SMS	Plant Protection	9616297380

VI. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	Actual Title of	No. of]	Participan	ts	Cuerd Tetal		
(May be specific	training conducted	courses		Others	m (1		SC/ST			Grand Tota	
to any given KVK)			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management	Weed management technique in cereal,										
	pulses and oil seed										
	-	2	24	4	28	13	8	21	37	12	49
Resource	crops Direct Seedling of	2	24	4	20	13	0	21	57	12	43
Conservation											
Technologies	rice, Zero Tillage of		10							_	~-
-	Wheat	1	12	3	15	6	4	10	18	7	25
Cropping Systems	Intercropping										
	technique of Urd and										
	Moong with spring		10		47	_	•	•	10	-	05
	planted sugarcane	1	13	4	17	5	3	8	18	7	25
Crop	Crop Diversification										
Diversification	in important way out										
	for doubling farmer's	_	_	_	~	_	_	_	~	_	~
	income	0	0	0	0	0	0	0	0	0	0
Integrated Farming	Integrated Crop										
	management in										
	Paddy	1	13	3	16	6	3	9	19	6	25
Micro	-										
Irrigation/irrigation		0	0	0	0	0	0	0	0	0	0
Seed production	Seed production	İ	İ			İ					
	technique of cereal,										
	millets crop ,pulses										
	and oil seed crops	3	41	10	51	17	7	24	58	17	75
Nursery	Nursery raising		<u> </u>		<u> </u>	/	,			/	, ,
management	technique in rice crop	1	15	3	18	6	1	7	21	4	25
Integrated Crop	Integrated Crop	1	10		10		•	'		- T	20
Management	•										
munugement	management in		40	_	00		4	-		_	0-
G 11 0	Paddy & wheat	1	18	2	20	4	1	5	22	3	25
Soil & water	Cultivation of cover		10	~				_	~		~-
conservation	crops	1	19	3	22	2	1	3	21	4	25
Integrated nutrient	Technique of green		10	_		_	_	_		_	~ ·
management	Manuring	1	16	6	22	6	3	9	22	9	31
Production of				_	_		_	_		_	-
organic inputs		0	0	0	0	0	0	0	0	0	0
Others (pl specify)	Natural Farming	_					_				
	technique	3	43	13	56	15	7	22	56	22	78
Total		15	214	51	265	80	38	118	292	91	383
II Horticulture											
a) Vegetable			1			1	1	1	1	1	
Crops											
Production of low	-		1			1				1	
value and high											
valume crops		1	16	6	22	6	3	9	22	9	31
Off-season	Production technique			-		-	-	-		-	•••
vegetables	off seasoncauliflower	1	15	3	18	6	1	7	21	4	25
Nursery raising	Nursery raising										
raisery fulsing	technique of chilli										
	,tomato, brinjal	1	16	6	22	6	3	9	22	9	31
Exotic vegetables	-	0	0	0	0	0	0	0	0	0	0
-		0	0	0	0	0	0	0	0	0	U
Export potential	-	0	0	0	0	0	0	0	0	0	0
vegetables		U	0	0	U	0	0	0	0	U	U
Grading and standardization	-	0	0	0	0	0	0	0	0	0	0
Protective											
Protective	-	0	0	0	0	0	0	0	0	0	0

cultivation											
Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total (a)	-	1	16	6	22	6	3	9	22	9	31
b) Fruits											
Training and	Training and Pruning										
Pruning	technique in mango &										
	guava	1	15	4	19	4	2	6	19	6	25
Layout and	Layout and										
Management of	Management of										
Orchards	mango & litchi	1	16	-	0.1	2	2	-	10	-	26
Cultivation of Fruit	orchard	1	16	5	21	3	2	5	19	7	26
Cultivation of Fruit	Cultivation technique of mango & papaya	1	18	3	21	7	2	9	25	5	30
Management of	Management	1	10	5	21	/	2	,	23	5	50
young	technique of young										
plants/orchards	mango orchard	1	14	2	16	6	2	8	20	4	24
Rejuvenation of	Rejuvenation										
old orchards	technique of mango										
	old orchards	1	18	3	21	7	2	9	25	5	30
Export potential	-										
fruits		0	0	0	0	0	0	0	0	0	0
Micro irrigation	-										
systems of		0	0	0	0	0	0	0	0	0	0
orchards		0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	-	1	16	5	21	3	2	5	19	7	26
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total (b)	-	6	97	22	119	30	12	42	127	34	161
		0	97	22	119	50	12	42	127	54	101
c) Ornamental Plants											
Nursery	-										
Management	_	1	18	3	21	7	2	9	25	5	30
Management of	Management		10	U		,				0	20
potted plants	technique of potted										
	plants rose, marigold										
	etc.	0	0	0	0	0	0	0	0	0	0
Export potential of	-										
ornamental plants		0	0	0	0	0	0	0	0	0	0
Propagation	-										
techniques of		0	0	0	0	0	0	0	0	0	0
Ornamental Plants		0	0	0	0	0	0	0	0	0	0
Others (pl specify) Total (c)	-	0	0 18	0 3	0 21	0 7	0 2	0 9	0 25	0 5	0 30
d) Plantation		1	18	3	21	/	<u>_</u>	9	25	5	- 30
crops											
Production and											
Management											
Management		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
technology Processing and											
technology		0	0	0	0	0	0	0	0	0	0
technology Processing and value addition Others (pl specify)		0	0			0					
technology Processing and value addition Others (pl specify) Total (d)		0	0	0	0	0	0	0	0	0	0
technology Processing and value addition Others (pl specify) Total (d) e) Tuber crops		0	0	0	0	0	0	0	0	0	0
technology Processing and value addition Others (pl specify) Total (d) e) Tuber crops Production and	Production and	0	0	0	0	0	0	0	0	0	0
technology Processing and value addition Others (pl specify) Total (d) e) Tuber crops Production and Management	Management	0	0	0	0	0	0	0 0 0	0	0	0
technology Processing and value addition Others (pl specify) Total (d) e) Tuber crops Production and	Management technique of potato	0 0 0	0 0 0	0 0 0	0 0 0	0	0 0 0	0	0 0 0 0	0 0 0	0 0 0
technology Processing and value addition Others (pl specify) Total (d) e) Tuber crops Production and Management technology	Management	0 0 0 1	0 0 0 14	0 0 0 3	0 0 0 17	0 0 0 4	0 0 0	0 0 0 5	0 0 0 0	0 0 0	0 0 0 22
technology Processing and value addition Others (pl specify) Total (d) e) Tuber crops Production and Management technology Processing and	Management technique of potato	0 0 0	0 0 0	0 0 0	0 0 0	0	0 0 0	0 0 0	0 0 0 0	0 0 0	0 0 0
technology Processing and value addition Others (pl specify) Total (d) e) Tuber crops Production and Management technology Processing and value addition	Management technique of potato	0 0 0 1	0 0 0 14 0	0 0 0 3 0	0 0 0 17 0	0 0 0 4	0 0 0 1	0 0 0 5 0	0 0 0 18 0	0 0 0 4 0	0 0 0 22 0
technology Processing and value addition Others (pl specify) Total (d) e) Tuber crops Production and Management technology Processing and value addition Others (pl specify)	Management technique of potato	0 0 0 1 0 0	0 0 0 14 0 0	0 0 0 3 0 0	0 0 0 17 0 0	0 0 0 4 0 0	0 0 0 1 0 0	0 0 0 5 0 0	0 0 0 18 0 0	0 0 0 4 0 0	0 0 0 22 0 0
technology Processing and value addition Others (pl specify) Total (d) e) Tuber crops Production and Management technology Processing and value addition Others (pl specify) Total (e)	Management technique of potato	0 0 0 1	0 0 0 14 0	0 0 0 3 0	0 0 0 17 0	0 0 0 4	0 0 0 1	0 0 0 5 0	0 0 0 18 0	0 0 0 4 0	0 0 0 22 0
technology Processing and value addition Others (pl specify) Total (d) e) Tuber crops Production and Management technology Processing and value addition Others (pl specify) Total (e) f) Spices	Management technique of potato	0 0 0 1 0 0	0 0 0 14 0 0	0 0 0 3 0 0	0 0 0 17 0 0	0 0 0 4 0 0	0 0 0 1 0 0	0 0 0 5 0 0	0 0 0 18 0 0	0 0 0 4 0 0	0 0 0 22 0 0
technology Processing and value addition Others (pl specify) Total (d) e) Tuber crops Production and Management technology Processing and value addition Others (pl specify) Total (e) f) Spices Production and	Management technique of potato	0 0 0 1 0 0 1	0 0 0 14 0 14	0 0 0 3 0 0 3	0 0 17 0 17	0 0 0 4 0 0	0 0 0 1 0 0 1	0 0 0 5 0 0	0 0 0 18 0 0	0 0 0 4 0 0 4	0 0 0 22 0 0
technology Processing and value addition Others (pl specify) Total (d) e) Tuber crops Production and Management technology Processing and value addition Others (pl specify) Total (e) f) Spices	Management technique of potato	0 0 0 1 0 0	0 0 0 14 0 0	0 0 0 3 0 0	0 0 0 17 0 0	0 0 0 4 0 0 4	0 0 0 1 0 0	0 0 0 5 0 5 5	0 0 0 18 0 0 18	0 0 0 4 0 0	0 0 0 22 0 0 22

value addition								1			
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total (f)		0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants		-	-								
Nursery management		0	0	0	0	0	0	0	0	0	0
Production and management technology		0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total (g)		0	0	0	0	0	0	0	0	0	0
GT (a-g)		11	176	43	219	59	22	81	235	65	300
III Soil Health and Fertility Management Soil fertility	Vermi composting										
management Integrated water	technique	1	15	2	17	5	2	7	20	4	24
management	-	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	Green manuring +FYM+vermi composting technique	1	15	4	19	4	1	5	19	5	24
Production and use of organic inputs		0	0	0	0	0	0	0	0	0	0
Management of Problematic soils		0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	Control technique of Zinc and Iron deficiency in Rice crop	1	14	6	20	3	2	5	17	8	25
Nutrient Use Efficiency	<u>^</u>	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers		0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	Technique of Soil health testing	2	34	6	40	14	5	19	48	11	59
Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total	-	5	78	18	96	26	10	36	104	28	132
IV Livestock Production and Management											
Dairy Management	Care & managements of dairy animals in different seasons	2	28	12	40	6	4	10	40	10	50
Poultry Management	Backyard Poultry Production	1	15	4	19	4	1	5	19	5	24
Piggery Management	-	0	0	0	0	0	0	0	0	0	0
Rabbit Management	-	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	Preparation of balance ration for milch animals through locally available materials	2	34	6	40	14	5	19	48	11	59
Disease Management	Vaccination in farm animals	2	35	7	42	12	4	16	47	11	58
Feed & fodder technology	Green fodder production round the year	2	28	12	40	6	4	10	40	10	50
Production of quality animal products	Production technique of milk & milk products	1	17	3	20	6	2	8	23	5	28

Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total	-	10	157	44	201	48	20	68	217	52	269
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening	kitchen gardening and nutrition gardening	1	16	4	20	7	3	10	23	7	30
Design and development of low/minimum cost diet	Layout of nutritional gardening	1	14	5	19	6	2	8	20	7	27
Designing and development for high nutrient efficiency diet	Preparation technique high nutrient diet	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	Minimization of nutrient loss in processing in fruits and vegetables	1	15	5	20	4	1	5	19	6	25
Processing and cooking	Preserving the nutrient value of vegetables	2	32	8	40	14	6	20	46	14	54
Gender mainstreaming through SHGs	Training for capacity building of SHG women for better income	1	14	5	19	6	2	8	20	7	27
Storage loss minimization techniques	Control technique grain storage pest	0	0	0	0	0	0	0	0	0	0
Value addition	Value addition fruits crops	2	30	10	40	8	2	10	38	12	50
Women empowerment	Women empowerment in India-empowering women future	1	14	5	19	6	2	8	20	7	27
Location specific drudgery reduction technologies	drudgery reduction technologies for women in agriculture	0	0	0	0	0	0	0	0	0	0
Rural Crafts	-	0	0	0	0	0	0	0	0	0	0
Women and child	-	0	0	0	0	0	0	0	0	0	0
care Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total		9	135	42	177	51	18	69	186	60	240
VI Agril.		-									
Engineering											
Farm Machinary and its	Care & maintenance of farm implements	1	16	4	20	7	3	10	23	7	30
maintenance Installation and maintenance of	-	0	0	0	0	0	0	0	0	0	0
micro irrigation systems Use of Plastics in											
farming practices	-	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	-	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	Repair and maintenance of tractor and diesel engine	1	14	5	19	6	2	8	20	7	27
Small scale processing and value addition		0	0	0	0	0	0	0	0	0	0
Post Harvest		0	0	0	0	0	0	0	0	0	0

Technology											1
Technology Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total		2	30	9	39	13	5	18	43	<u> </u>	57
VII Plant		2	30	3	39	15	5	10	43	14	57
Protection											
Integrated Pest	Approaches of IPM										
Management	technique in cereal	3	61	10	79	20	9	27	80	72	110
0	crop, oilseed and	3	61	18	79	28	9	37	89	27	116
	pulses crop										
Integrated Disease	Approaches of IDM										
Management	technique in cereal	2	22	9	31	13	5	18	35	14	49
	crop, oilseed and	2	22	9	51	15	5	10	33	14	49
	pulses crop										
Bio-control of	Disease and Insect										
pests and diseases	control technique	2	28	9	37	12	5	17	40	14	54
	through Bio- Agent										
Production of bio											
control agents and	-	0	0	0	0	0	0	0	0	0	0
bio pesticides											
Others (pl specify)	Disease and Insect										
	management through										
	natural agent	3	51	12	63	18	9	27	69	21	90
	(neemastra,agneyastra										
	,brahmastra)										
Total	-	10	162	48	210	71	28	99	233	76	309
VIII Fisheries											
Integrated fish		1	16	5	21	7	4	11	23	9	32
farming		1	10	5	21	'	+	11	23	,	52
Carp breeding and											
hatchery		0	0	0	0	0	0	0	0	0	0
management											
Carp fry and		0	0	0	0	0	0	0	0	0	0
fingerling rearing		0	0	0	0	0	0	U	0	0	0
Composite fish	Production technique										
culture	of Indian & Exotic	1	17	4	21	6	3	9	20	7	27
	carp fishes in culture	1	17	7	21	0	5		20	/	21
	pond										
Hatchery	-										
management and		0	0	0	0	0	0	0	0	0	0
culture of		0	0	0	0	0	0	U	0	0	0
freshwater prawn											
Breeding and	-										
culture of		0	0	0	0	0	0	0	0	0	0
ornamental fishes											
Portable plastic	-	0	0	0	0	0	0	0	0	0	0
carp hatchery		v	Ŭ	v	Ļ	v	v	L Ŭ	L Ŭ	v	
Pen culture of fish	-	0	0	0	0	0	0	0	0	0	0
and prawn									_		
Shrimp farming	-	0	0	0	0	0	0	0	0	0	0
Edible oyster	-	0	0	0	0	0	0	0	0	0	0
	_	0		0		~		, v	Ŭ		
farming		0									
farming Pearl culture	-	0	0	0	0	0	0	0	0	0	0
farming Pearl culture Fish processing		0	0	0	0				-		
farming Pearl culture Fish processing and value addition	-	0	0	0	0	0	0	0	0	0	0
farming Pearl culture Fish processing and value addition Others (pl specify)	-	0 0 0	0 0 0 0	0 0 0	0 0 0	0	0	0	0	0 0	0
farming Pearl culture Fish processing and value addition	-	0	0	0	0	0	0	0	0	0	0
farming Pearl culture Fish processing and value addition Others (pl specify)	- - -	0 0 0	0 0 0 0	0 0 0	0 0 0	0	0	0	0	0 0	0
farming Pearl culture Fish processing and value addition Others (pl specify) Total	- - -	0 0 0	0 0 0 0	0 0 0	0 0 0	0	0	0	0	0 0	0
farming Pearl culture Fish processing and value addition Others (pl specify) Total IX Production of	- - -	0 0 0	0 0 0 0	0 0 0	0 0 0	0	0	0	0	0 0	0
farming Pearl culture Fish processing and value addition Others (pl specify) Total IX Production of Inputs at site Seed Production	- - -	0 0 0	0 0 0 0	0 0 0	0 0 0	0	0	0	0	0 0	0
farming Pearl culture Fish processing and value addition Others (pl specify) Total IX Production of Inputs at site Seed Production Planting material	- - -	0 0 0	0 0 0 0	0 0 0	0 0 0	0	0	0	0	0 0	0
farming Pearl culture Fish processing and value addition Others (pl specify) Total IX Production of Inputs at site Seed Production Planting material production	- - -	0 0 0	0 0 0 0	0 0 0	0 0 0	0	0	0	0	0 0	0
farming Pearl culture Fish processing and value addition Others (pl specify) Total IX Production of Inputs at site Seed Production Planting material production Bio-agents	- - -	0 0 0	0 0 0 0	0 0 0	0 0 0	0	0	0	0	0 0	0
farming Pearl culture Fish processing and value addition Others (pl specify) Total IX Production of Inputs at site Seed Production Planting material production Bio-agents production	- - -	0 0 0	0 0 0 0	0 0 0	0 0 0	0	0	0	0	0 0	0
farming Pearl culture Fish processing and value addition Others (pl specify) Total IX Production of Inputs at site Seed Production Planting material production Bio-agents	- - -	0 0 0	0 0 0 0	0 0 0	0 0 0	0	0	0	0	0 0	0

	including sponsored	63	985	264	1249	361	148	509	1353	402	1749
GRAND TOTAL		60	005	204	4040	204	4.40	500	4252	400	4740
Total											
Others (pl specify)											
Integrated Farming Systems											
management											
Nursery											
technologies		ļ									
Production											
XI Agro-forestry											
Total											
Others (pl specify)											
issues											
WTO and IPR											
farmers/youths											
development of											
Entrepreneurial											
social capital											
Mobilization of											
SHGs											
Management of											
Formation and											
Group dynamics											
development											
Leadership											
Group Dynamics											
Building and											
X Capacity											
Total											
Others (pl specify)											
Apiculture											
Production											
Mushroom											
feed											
Production of Fish											
fodder											
livestock feed and											
Production of											
implements											
Small tools and											
sheets											
colonies and wax											
Production of Bee-			-								
Production of fry and fingerlings											
production											
Organic manures											
production											
Vermi-compost											

Farmers' Training including sponsor	ed training programmes (off campus)
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Thematic area	Actual Title of	No. of	Participants								
(May be specific to	training conducted	courses		Others			SC/ST		Grand Total		
any given KVK)			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management	Weed management technique in wheat and rice crops	1	18	6	24	4	1	5	22	7	29
Resource Conservation Technologies	Zero Tillage of Wheat	1	16	4	20	5	2	7	21	6	27
Cropping Systems	Intercropping technique of Urd and Moong with spring planted sugarcane	1	15	5	20	4	2	6	19	7	26
Crop Diversification	Crop Diversification in important way out	1	13	4	17	6	2	8	19	6	25

	for doubling farmer's										
Integrated Farming	income Integrated Crop		ł		ł						
integrated Farming	management in Paddy	1	14	5	19	7	1	8	21	6	27
Micro	-	0	0	0	0	0	0	0	0	0	0
Irrigation/irrigation		Ű	Ű		ů	Ű	Ŷ	Ű	Ű	ů	Ű
Seed production	Seed production technique of cereal, millets crop ,pulses and oil seed crops	2	28	8	36	12	4	16	40	12	52
Nursery management	Nursery raising technique in rice crop	1	13	4	17	6	2	8	19	6	25
Integrated Crop Management	Integrated Crop management in Paddy & wheat	0	0	0	0	0	0	0	0	0	0
Soil & water conservatioin	Cultivation of cover crops	1	16	5	21	3	1	4	19	6	25
Integrated nutrient management	Technique of green Manuring	1	15	5	20	4	3	7	19	8	27
Production of organic inputs	-	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	Natural Farming technique	1	13	4	17	6	2	8	19	6	25
Total	-	11	161	50	211	57	20	77	218	70	288
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume	-	1	13	4	17	6	2	8	19	6	25
crops Off-season vegetables	Production technique off season cauliflower	1	14	2	16	6	2	8	20	4	24
Nursery raising	Nursery raising technique of chilli ,tomato, brinjal	1	16	6	22	6	3	9	22	9	31
Exotic vegetables	-	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	-	0	0	0	0	0	0	0	0	0	0
Grading and	-	0	0	0	0	0	0	0	0	0	0
standardization		0	0	0	0	0	0	0	0	0	0
Protective cultivation Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total (a)	-	3	-	12	-	-	7 7	25		-	-
		3	43	12	55	18	/	25	61	19	80
b) Fruits Training and Pruning	Training and Pruning technique in mango & guava	1	15	4	19	4	2	6	19	6	25
Layout and Management of Orchards	Layout and Management of mango & litchi orchard	1	13	7	20	5	0	5	18	7	25
Cultivation of Fruit	Cultivation technique of mango & papaya	1	16	3	19	5	3	8	21	6	27
Management of young plants/orchards	Management technique of young mango orchard	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	Rejuvenation technique of mango old orchards	1	18	3	21	7	2	9	25	5	30
Export potential fruits	-	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	-	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	-	1	13	7	20	5	0	5	18	7	25
Others (pl specify)	i	0	0	0	0	0	0	0	0	0	0

Total (b)	-	5	75	24	99	26	7	33	101	31	132
c) Ornamental Plants											
Nursery Management	-	0	0	0	0	0	0	0	0	0	0
Management of potted plants	Management technique of potted plants rose, marigold etc.	1	18	3	21	7	2	9	25	5	30
Export potential of ornamental plants		0	0	0	0	0	0	0	0	0	0
Propagation techniques of		0	0	0	0	0	0	0	0	0	0
Ornamental Plants		-				-	~		~		
Others (pl specify)	-	0	0	0 3	0	0	0	0 9	0	0 5	0
Total (c)	-	1	18	3	21	7	2	9	25	5	30
d) Plantation crops Production and Management technology		0	0	0	0	0	0	0	0	0	0
Processing and value addition		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total (d)		0	0	0	0	0	0	0	0	0	0
e) Tuber crops											
Production and Management technology		0	0	0	0	0	0	0	0	0	0
Processing and value addition		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total (e)		0	0	0	0	0	0	0	0	0	0
f) Spices		0	•		•	0	U		0		
Production and Management technology		0	0	0	0	0	0	0	0	0	0
Processing and value addition		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total (f)		0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants											
Nursery management		0	0	0	0	0	0	0	0	0	0
Production and management technology		0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total (g)		0	0	0	0	0	0	0	0	0	0
GT (a-g)		9	136	39	175	51	16	67	187	55	242
III Soil Health and Fertility Management											
Soil fertility management	Vermi composting technique	3	45	6	51	15	6	21	60	12	72
Integrated water	-	0	0	0	0	0	0	0	0	0	0
management Integrated Nutrient Management	Green manuring +FYM+vermi composting technique	3	49	10	59	16	7	23	65	17	82
Production and use of organic inputs		0	0	0	0	0	0	0	0	0	0
Management of Problematic soils		0	0	0	0	0	0	0	0	0	0
Micro nutrient	Control technique of	1	14	6	20	3	2	5	17	8	25

deficiency in crops	Zinc and Iron										
	deficiency in Rice crop										
Nutrient Use Efficiency		0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers		0	0	0	0	0	0	0	0	0	0
Soil and Water	Technique of Soil	4	62	10	00	20	0	20	02	27	100
Testing Others (pl specify)	health testing	<u>4</u> 0	62 0	<u>18</u> 0	80 0	20 0	9 0	29 0	82 0	27 0	109 0
Total		11	170	40	210	54	24	78	224	64	288
IV Livestock Production and Management											
Dairy Management	Care & managements of dairy animals in different seasons, Shelter Management of dairy animals	2	24	5	29	7	4	11	31	9	40
Poultry Management	Backyard Poultry Production	1	15	6	21	3	1	4	18	7	25
Piggery Management	-	0	0	0	0	0	0	0	0	0	0
Rabbit Management Animal Nutrition	- Preparation of balance	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	ration for milch animals through locally available materials	1	16	4	20	5	0	5	21	4	25
Disease Management	Vaccination in farm animals, control of Endo & Ecto paracite in farm animals	2	26	16	42	8	2	10	34	18	52
Feed & fodder technology	Green fodder production round the year	2	28	10	38	8	2	10	36	12	48
Production of quality animal products	Technique of Clean milk production	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total	-	8	109	41	150	31	9	40	140	50	190
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening	kitchen gardening and nutrition gardening	1	16	4	20	7	3	10	23	7	30
Design and development of low/minimum cost diet	Layout of nutritional gardening	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	Preparation technique high nutrient diet	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	Minimization of nutrient loss in processing in fruits and vegetables	2	30	10	40	8	2	10	38	12	50
Processing and cooking	Preserving the nutrient value of vegetables	1	16	4	20	7	3	10	23	7	30
Gender mainstreaming through SHGs	Training for capacity building of SHG women for better income	1	14	5	19	6	2	8	20	7	27
Storage loss minimization	Control technique grain storage pest	0	0	0	0	0	0	0	0	0	0

tachniques			1	1	<u> </u>						
techniques Value addition	Value addition fruits		<u> </u>	<u> </u>							
value addition		2	30	10	40	8	2	10	38	12	48
XX 7	crops			 							
Women	Women	1									
empowerment	empowerment in	1	14	5	19	6	2	8	20	7	27
	India-empowering			-		-		-	-		
	women future										
Location specific	drudgery reduction										
drudgery reduction	technologies for	0	0	0	0	0	0	0	0	0	0
technologies	women in agriculture										
Rural Crafts	-	0	0	0	0	0	0	0	0	0	0
Women and child care	_	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total	-	-			-	-			~		
	-	8	120	38	158	42	14	56	162	52	212
VI Agril.											
Engineering											
Farm Machinary and	-	0	0	0	0	0	0	0	0	0	0
its maintenance		0	0	0	0	0	0	0	0	0	0
Installation and	_										
maintenance of micro		0	0	0	0	0	0	0	0	0	0
irrigation systems		Ū	Ŭ	U U		0	Ŭ		Ŭ	0	
Use of Plastics in			┨────	├	<u>+</u>			<u> </u>			<u> </u>
	-	0	0	0	0	0	0	0	0	0	0
farming practices			<u> </u>	 	<u> </u>						
Production of small	-	0	0	0	0	0	0	0	0	0	0
tools and implements		0	0	0	0	0	0	0	0	0	0
Repair and	-										
maintenance of farm			0	0	0	0	0	0	0	0	0
machinery and		0	0	0	0	0	0	0	0	0	0
implements		ł									
Small scale			-		+						
	-	0	0	0	0	0	0	0	0	0	0
processing and value		0	0	0	0	0	0	0	0	0	0
addition		ļ									
Post Harvest	-										
Technology		0	0	0	0	0	0	0	0	0	0
Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total	-	0	0	0	0	0	0	0	0	0	0
VII Plant Protection	_	, v	•		- ×	v	Ū	v	v	v	v
Integrated Pest	Approaches of IPM										
Management	technique in cereal	3	44	16	60	12	6	18	56	22	78
	crop, oilseed and	ł									
	pulses crop			Ļ				ļ			ļ
Integrated Disease	Approaches of IDM	1									
Management	technique in cereal	2	23	8	31	7	3	10	30	11	41
	crop, oilseed and	2	23	0	51	/	3	10	50	11	41
	pulses crop										
Bio-control of pests	Disease and Insect		†	1	1			t			t
and diseases	control technique	2	25	9	34	4	2	6	29	11	40
und discases		2	25	9	54	-	2		29	11	40
	through Bio- Agent			<u> </u>	+						
Production of bio	-	~	_			~	~	_	~	~	~
control agents and bio		0	0	0	0	0	0	0	0	0	0
pesticides				<u> </u>							
Others (pl specify)	Disease and Insect										
	management through	1									
	natural agent	3	45	18	63	15	3	18	60	21	81
	(neemastra,agneyastra										
	,brahmastra)										
Total	,stannasta j	7	92	33	125	23	11	34	115	44	159
	-	'	52	33	125	23		34	113	44	159
VIII Fisheries			<u> </u>	 	<u> </u>						
Integrated fish	-									_	
farming		0	0	0	0	0	0	0	0	0	0
Carp breeding and	-				1						
hatchery management		0	0	0	0	0	0	0	0	0	0
Carp fry and	-		1		1			t			İ
fingerling rearing		0	0	0	0	0	0	0	0	0	0
Composite fish	Production technique									0	
	т гоонспон тесниние		1	1	1	1	1	1	1		1
		1	17	Λ	21	7	2	10	24	7	21
culture	of Indian & Exotic carp fishes in culture	1	17	4	21	7	3	10	24	7	31

	pond										
Hatchery management	-										
and culture of		0	0	0	0	0	0	0	0	0	0
freshwater prawn		Ű	Ŭ	Ŭ	Ŭ	Ŭ	Ũ	Ŭ	Ŭ	Ũ	Ū
Breeding and culture	-										
of ornamental fishes	_	0	0	0	0	0	0	0	0	0	0
Portable plastic carp	-										
	-	0	0	0	0	0	0	0	0	0	0
hatchery											
Pen culture of fish and	-	0	0	0	0	0	0	0	0	0	0
prawn									<u>^</u>		0
Shrimp farming	-	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	-	0	0	0	0	0	0	0	0	0	0
Pearl culture	-	0	0	0	0	0	0	0	0	0	0
Fish processing and	-	0	0	0	0	0	0	0	0	0	0
value addition		0	0		U	0		0	0		0
Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total		1	17	4	21	7	3	10	24	7	31
IX Production of											
Inputs at site											
Seed Production		0	0	0	0	0	0	0	0	0	0
Planting material		-						-		-	-
production		0	0	0	0	0	0	0	0	0	0
Bio-agents production		0	0	0	0	0	0	0	0	0	0
Bio-pesticides		-	-		-	-		-	-		-
production		0	0	0	0	0	0	0	0	0	0
Bio-fertilizer								<u> </u>	ļ		
production	-	0	0	0	0	0	0	0	0	0	0
Vermi-compost	-	0	0	0	0	0	0	0	0	0	0
production		-	-	-	-	-	-	-	-	-	-
Organic manures	-	0	0	0	0	0	0	0	0	0	0
production											
Production of fry and	-	0	0	0	0	0	0	0	0	0	0
fingerlings		Ŭ	0	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	0
Production of Bee-	-										
colonies and wax		0	0	0	0	0	0	0	0	0	0
sheets											
Small tools and	-	0	0	0	0	0	0	0	0	0	0
implements		0	0	0	0	0	0	0	0	0	0
Production of	-										
livestock feed and		0	0	0	0	0	0	0	0	0	0
fodder											
Production of Fish	_			^o	^o		0			0	
feed		0	0	0	0	0	0	0	0	0	0
Mushroom Production	-	0	0	0	0	0	0	0	0	0	0
Apiculture	-	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total	_	0	0	0	0	0	0	0	0	0	0
X Capacity Building		U	U	U	U	U	U	U	U	U	U
and Group											
and Group Dynamics											
								ļ	ļ		
Leadership	-	0	0	0	0	0	0	0	0	0	0
development				0	0	0	0	0	0	0	0
Group dynamics	-	0	0	0	0	0	0	0	0	0	0
Formation and	-	0	0	0	0	0	0	0	0	0	0
Management of SHGs		-	-				-	-	-		-
Mobilization of social	-	0	0	0	0	0	0	0	0	0	0
capital		Ŭ.	Ŭ				~				
Entrepreneurial	-										
development of		0	0	0	0	0	0	0	0	0	0
farmers/youths											
WTO and IPR issues	-	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0
XI Agro-forestry											
Production	-					6	6	6	6		
technologies		0	0	0	0	0	0	0	0	0	0
Nursery management	-	0	0	0	0	0	0	0	0	0	0
i and i munugement	1	v	U U	U U	U U	U U	0	0	0	0	0

Integrated Farming Systems	-	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	-	0	0	0	0	0	0	0	0	0	0
Total	-	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	-	53	772	245	1017	254	90	344	1026	335	1359

Farmers' Training including sponsored training programmes – CONSOLIDATED (On + Off

campus)

Thematic area	Actual Title of	No. of					Participa	nts			
(May be specific	training conducted	courses		Others			SC/ST			Grand To	
to any given KVK)			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management	Weed management technique in cereal, pulses and oil seed crops	3	42	10	52	17	9	26	59	19	78
Resource Conservation Technologies	Direct Seedling of rice, Zero Tillage of Wheat	2	28	7	35	11	6	17	39	13	52
Cropping Systems	Intercropping technique of Urd and Moong with spring planted sugarcane	2	28	9	37	9	5	14	37	14	51
Crop Diversification	Crop Diversification in important way out for doubling farmer's income	1	13	4	17	6	2	8	19	6	25
Integrated Farming	Integrated Crop management in Paddy	2	27	8	35	13	4	17	40	12	52
Micro Irrigation/irrigation		0	0	0	0	0	0	0	0	0	0
Seed production	Seed production technique of cereal, millets crop ,pulses and oil seed crops	5	69	18	87	29	11	40	98	29	127
Nursery management	Nursery raising technique in rice crop	2	28	7	35	12	3	15	40	10	50
Integrated Crop Management	Integrated Crop management in Paddy & wheat	1	18	2	20	4	1	5	22	3	25
Soil & water conservation	Cultivation of cover crops	2	35	8	43	5	2	7	40	10	50
Integrated nutrient management	Technique of green Manuring	2	31	11	42	10	6	16	41	17	58
Production of organic inputs											
Others (pl specify)	Natural Farming technique	4	56	17	73	21	9	30	75	28	103
Total	teeninque	26	375	101	476	137	58	195	510	161	671
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops		2	29	10	39	12	5	17	41	15	56
Off-season	Production technique	2	29	5	34	12	3	15	41	8	49

vegetables	off season cauliflower										
Nursery raising	Nursery raising			-							
8	technique of chilli ,tomato, brinjal	2	32	12	44	12	6	18	44	18	62
F (11											
Exotic vegetables	-										
Export potential vegetables	-										
Grading and standardization	-										
Protective	-										
cultivation Others (pl specify)	-										
Total (a)	-	6	90	27	117	36	14	50	126	41	167
b) Fruits											
Training and Pruning	Training and Pruning technique in mango & guava	2	30	8	38	8	4	12	38	12	50
Layout and	Layout and										
Management of Orchards	Management of mango & litchi orchard	2	29	12	41	8	2	10	37	14	51
Cultivation of Fruit	Cultivation technique of mango & papaya	2	34	6	40	12	5	17	46	11	57
Management of	Management										
young plants/orchards	technique of young mango orchard	1	14	2	16	6	2	8	20	4	24
Rejuvenation of old orchards	Rejuvenation technique of mango old orchards	2	36	6	42	14	4	18	50	10	60
Export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques		2	29	12	41	8	2	10	37	14	51
Others (pl specify)						-					
Total (b)	-	11	172	46	218	56	19	75	228	65	293
c) Ornamental Plants											
Nursery		1	18	3	21	7	2	9	25	5	30
Management		-	10	5	~1	,	-	5	25		50
Management of potted plants	Management technique of potted plants rose, marigold etc.	1	18	3	21	7	2	9	25	5	30
Export potential of ornamental plants											
Propagation											
techniques of Ornamental Plants											
Others (pl specify)											
Total (c)	-	2	36	6	42	14	4	18	50	10	60
d) Plantation crops											
Production and Management technology	Production and Management technique of potato crops	1	14	3	17	4	1	5	18	4	22
Processing and value addition											

Others (pl specify)											
Total (d)		1	14	3	17	4	1	5	18	4	22
e) Tuber crops		-	14	3	1/	4	-	5	10	4	22
Production and											
Management											
technology											
Processing and											
value addition											
Others (pl specify)											
Total (e)											
f) Spices											
Production and											
Management											
technology											
Processing and											
value addition											
Others (pl specify)											
Total (f)											
g) Medicinal and											
Aromatic Plants											
Nursery											
management											
Production and					1			1			1
management											
technology											
Post harvest											
technology and											
value addition											
Others (pl specify)											
Total (g)											
GT (a-g)	-	20	312	82	394	110	38	148	422	120	542
III Soil Health											
and Fertility											
Management											
Soil fertility	Vermi composting	2	20			4.0			40		10
management	technique	2	30	4	34	10	4	14	40	8	48
Integrated water	-										
management											
Integrated Nutrient	Green manuring										
Management	+FYM+vermi	1	17	3	20	6	3	9	23	6	29
	composting technique	1	17	3	20	0	3	9	23	0	29
Production and use											
of organic inputs											
Management of											
Problematic soils											
Micro nutrient	Control technique of										
deficiency in crops	Zinc and Iron										
	deficiency in Rice										
	crop										
Nutrient Use											
Efficiency			↓ ↓		-						
Balance use of											
fertilizers											
Soil and Water	Technique of Soil	2		40			_	~ ~	<u></u>		~ ~
Testing	health testing	3	48	12	60	17	7	24	65	19	84
04 (1 10)			┨───┤		-			 			
Others (pl specify)	-		07	10	111			4-	100		1.11
Total		6	95	19	114	33	14	47	128	33	161
IV Livestock											
Production and											
Management											
											1
Dairy Management	Care & managements	2	20	11	40	10	~	10	40	17	CF
	Care & managements of dairy animals in different seasons	3	38	11	49	10	6	16	48	17	65

Poultry Management	Backyard Poultry Production	2	30	10	40	7	2	9	37	12	49
Piggery Management											
Rabbit Management											
Animal Nutrition Management	Preparation of balance ration for milch animals through locally available materials	3	50	10	60	19	5	24	69	15	84
Disease Management	Vaccination in farm animals	4	61	23	84	20	6	26	81	29	110
Feed & fodder technology	Green fodder production round the year	4	56	22	78	14	6	20	76	22	98
Production of quality animal products Others (pl specify)	Production technique of milk & milk products	1	17	3	20	6	2	8	23	5	28
Total	_	17	252	79	331	76	27	103	334	100	434
V Home Science/Women		17	252	75	331	70	27	105	554	100	434
empowerment Household food security by kitchen gardening and nutrition gardening	kitchen gardening and nutrition gardening	2	32	8	40	14	6	20	46	14	60
Design and development of low/minimum cost diet	Layout of nutritional gardening	1	14	5	19	6	2	8	20	7	27
Designing and development for high nutrient efficiency diet	Preparation technique high nutrient diet	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	Minimization of nutrient loss in processing in fruits and vegetables	3	45	15	60	12	3	15	57	18	75
Processing and cooking	Preserving the nutrient value of vegetables	3	48	12	60	21	9	30	69	21	84
Gender mainstreaming through SHGs	Training for capacity building of SHG women for better income	2	28	10	38	12	4	16	40	14	54
Storage loss minimization techniques	Control technique grain storage pest	0	0	0	0	0	0	0	0	0	0
Value addition	Value addition fruits crops	4	60	20	80	16	4	20	76	24	100
Women empowerment		2	28	10	38	12	4	16	40	14	54
Location specific drudgery reduction technologies	drudgery reduction technologies for women in agriculture	0	0	0	0	0	0	0	0	0	0

Rural Crafts											
Women and child											
care											
Others (pl specify)											
Total VI Agril.		17	255	80	335	93	32	125	348	112	454
Engineering											
Farm Machinary and its maintenance	Care & maintenance of farm implements	1	16	4	20	7	3	10	23	7	30
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices		0	0	0	0	0	0	0	0	0	0
Production of small tools and implements		0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	Repair and maintenance of tractor and diesel engine	1	14	5	19	6	2	8	20	7	27
Small scale processing and value addition											
Post Harvest Technology											
Others (pl specify)				-							
Total VII Plant	-	2	30	9	39	13	5	18	43	14	57
Protection											
Integrated Pest Management	Approaches of IPM technique in cereal crop, oilseed and pulses crop	6	105	34	139	40	15	55	145	49	194
Integrated Disease Management	Approaches of IDM technique in cereal crop, oilseed and pulses crop	4	45	17	62	20	8	28	65	25	90
Bio-control of pests and diseases	Disease and Insect control technique through Bio- Agent	4	53	18	71	16	7	23	69	25	94
Production of bio control agents and bio pesticides											
Others (pl specify)	Disease and Insect management through natural agent (neemastra,agneyastra ,brahmastra)	6	96	30	126	33	12	45	129	42	171
Total		20	299	99	398	109	42	151	408	141	549
VIII Fisheries Integrated fish											
farming Carp breeding and hatchery											
management Carp fry and											
fingerling rearing Composite fish	Production technique										
culture	of Indian & Exotic	2	34	8	42	13	6	19	44	14	58

	carp fishes in culture pond										
	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 (pl specify)											
Total		2	34	8	42	13	6	19	44	14	58
IX Production of		İ			İ			İ			
Inputs at site											l
Seed Production											
Planting material		1	1			1					[
production											
Bio-agents											
production											
Bio-pesticides			1								
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											l
feed		-									
Mushroom											l
Production											
Apiculture		ļ		ļ	ļ	ļ					
Others (pl specify)		<u> </u>									
Total		<u> </u>			ļ	<u> </u>					ļ
X Capacity											l
Building and											l
Group Dynamics											
Leadership											l
development											
Group dynamics						<u> </u>					
Formation and											
Management of											l
SHGs											
Mobilization of											
social capital											1
Entrepreneurial											
development of											1
1	i			1	·			i	i	i	,

farmers/youths										
WTO and IPR										
issues										
Others (pl specify)										
Total										
XI Agro-forestry										
Production										
technologies										
Nursery										
management										
Integrated Farming										
Systems										
Others (pl specify)										
Total										
GRAND TOTAL	119	1790	509	2299	626	245	871	2416	754	3170

Training for Rural Youths including sponsored training programmes (On campus)

Thematic area	Actual Title					No. of	f Particip	ants			
(May be specific to	of training	No. of		General			SC/ST		G	rand Tot	al
any given KVK)	conducted	Course	Μ	F	Total	Μ	F	Total	Μ	F	Total
Nursery Management	Nursery										
of Horticulture crops	raising	2	28	10	38	12	4	16	40	14	54
	technique										
Training and pruning											
of orchards											
Protected cultivation											
of vegetable crops											
Commercial fruit											
production											
Integrated farming											
Seed production	Seed										
	Production	2	24	12	36	8	6	14	32	18	50
	of Kharif					_			_	-	
	crops										
Production of organic											
inputs											
Planting material											
production											
Vermi-culture Mushroom											
Production											
Bee-keeping	Bee keeping	2	34	8	42	13	6	19	44	14	58
Sericulture	вее кеерінд	Z	54	0	42	15	0	19	44	14	38
Repair and											
maintenance of farm											
machinery and											
implements											
Value addition	Value										
value addition	addition										
	Murabba &	2	28	8	36	8	6	14	36	14	50
	Aonla										
Small scale											
processing											
Post Harvest											
Technology											
Tailoring and											
Stitching											
Rural Crafts											
Production of quality											
animal products											

Dairying											
Sheep and goat	Goat rearing	1	14	4	18	2	0	2	16	4	20
rearing		1	14	+	10	2	0	2	10	+	20
Quail farming											
Piggery											
Rabbit farming											
Poultry production	Poultry production	2	30	10	40	4	0	4	34	10	44
Ornamental fisheries	-										
Composite fish											
culture											
Freshwater prawn											
culture											
Shrimp farming											
Pearl culture											
Cold water fisheries											
Fish harvest and											
processing											
technology											
Fry and fingerling											
rearing											
TOTAL		11	158	52	210	47	22	69	202	74	276

Training for Rural Youths including sponsored training programmes (Off campus)

	Actual					No. of	Particip	ants			
Thematic area	Title of	No. of	6	eneral			SC/ST		(Grand To	otal
(May be specific to any given KVK)	training conducte d	Courses	М	F	Total	М	F	Total	М	F	Total
Nursery Management											
of Horticulture crops											
Training and pruning											
of orchards											
Protected cultivation											
of vegetable crops											
Commercial fruit											
production											
Integrated farming											
Seed production	Seed										
	productio	1	13	2	15	8	2	10	21	4	25
	n										
Production of organic											
inputs											
Planting material											
production											
Vermi-culture											
Mushroom	Mushroo										
Production	m										
	productio	1	14	6	20	6	2	8	20	8	28
	n										
	techniques										
Bee-keeping	-	1	13	2	15	8	2	10	21	4	25
Sericulture											
Repair and											
maintenance of farm											
machinery and											
implements											
Value addition											
Small scale											

processing											
Post Harvest											
Technology											
Tailoring and											
Stitching											
Rural Crafts											
Production of quality											
animal products											
Dairying	Commerci al daring	2	34	6	40	6	4	10	34	6	40
Sheep and goat rearing		2	26	4	30	16	4	20	42	8	50
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Composite fish											
culture											
Freshwater prawn culture											
Shrimp farming											
Pearl culture											
Cold water fisheries											
Fish harvest and											
processing											
technology											
Fry and fingerling											
rearing											
Any other											
(pl.specify)											
TOTAL	-	7	100	20	120	44	14	58	138	30	168

Training for Rural Youths including sponsored training programmes – CONSOLIDATED (On + Off

campus)

Thematic area	Actual Title	No. of				No. of	Participa	ants			
(May be specific to	of training	Courses		General			SC/ST			Grand To	tal
any given KVK)	conducted	Courses	Μ	F	Total	Μ	F	Total	Μ	F	Total
Nursery Management of Horticulture crops	Nursery technique of Hort. crop	2	28	10	38	12	4	16	40	14	54
Training and pruning of orchards	Training and pruning of orchards										
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming	IFS Module										
Seed production	Seed production technique of Cereal crops	3	37	14	41	16	8	24	53	22	75
Production of organic inputs											
Planting material production											
Vermi-culture	Vermi Composting										
Mushroom Production	Button Mushroom	1	14	6	20	6	2	8	20	8	28

	Production										
Bee-keeping	Bee Keeping	3	41	10	51	16	8	24	57	18	75
Sericulture											
Repair and maintenance											
of farm machinery and											
implements											
Value addition	Value										
	addition	2	20	0	26	0	6	14	26	1.4	50
	Murabba &	2	28	8	36	8	6	14	36	14	50
	Aonla										
Small scale processing											
Post Harvest											
Technology											
Tailoring and Stitching											
Rural Crafts											
Production of quality											
animal products											
Dairying	Dairing in										
	milch	2	34	6	40	6	4	10	40	10	50
	animals										
Sheep and goat rearing	Goat rearing	3	40	8	48	18	4	22	58	12	70
	technique	5	-10	0	40	10	-	22	50	12	70
Quail farming											
Piggery											
Rabbit farming											
Poultry production	Poultry	2	30	10	40	4	0	4	34	10	44
	production	2	50	10	10		Ŭ		51	10	
Ornamental fisheries											
Composite fish culture											
Freshwater prawn											
culture											
Shrimp farming				ļ	ļ						
Pearl culture				ļ	ļ						
Cold water fisheries	ļ				L						
Fish harvest and											
processing technology											
Fry and fingerling											
rearing											
Any other (pl.specify)											
TOTAL	-	18	258	72	330	91	36	127	349	108	457

Training programmes for Extension Personnel including sponsored training programmes (on campus)

	Actual Title of		No. of Participants									
Thematic area	training conducted	No. of	(Genera	al	5	SC/ST	Γ	Gr	and T	otal	
(May be specific to any given KVK)		Cours es	Male	Female	Total	Male	Female	Total	Male	Female	Total	
Productivity enhancement in field												
crops												
Integrated Pest Management												
Integrated Nutrient management	INM in Kharif Crops	1	15	5	20	3	2	5	18	2	20	
Rejuvenation of old orchards												
Protected cultivation technology												
Production and use of organic inputs												
Care and maintenance of farm machinery and implements	Care & mentinence of farm implements	1	18	6	23	5	2	7	22	8	30	
Gender mainstreaming through SHGs												
Formation and Management of												
SHGs												
Women and Child care												

Low cost and nutrient efficient diet designing											
Group Dynamics and farmers organization											
Information networking among farmers											
Capacity building for ICT application											
Management in farm animals	vaccination in farm animals	1	14	6	20	3	2	5	17	8	25
Livestock feed and fodder production	Green fodder production and their conservation	1	12	3	15	3	2	5	15	5	20
Household food security	Kitchen Gardening	1	0	15	15	0	5	5	0	20	20
Any other (pl.specify)											
TOTAL		5	59	35	93	14	13	27	72	43	115

Training programmes for Extension Personnel including sponsored training programmes (off campus)

Thematic area	Actual Title of				N	o. of	Parti	cipant	s		
(May be specific to any given	training conducted		(Jenera	al		Male Female Total	Т	Gra	and T	otal
KVK)		No. of Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field											
crops											
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old orchards	Rejuvenation of Mango & Guvava Orchards	1	17	5	22	6	2	8	23	7	30
Protected cultivation technology											
Production and use of organic inputs											
Care and maintenance of farm machinery and implements											
Gender mainstreaming through SHGs											
Formation and Management of SHGs											
Women and Child care											
Low cost and nutrient efficient diet designing											
Group Dynamics and farmers organization											
Information networking among farmers											
Capacity building for ICT application											
Management in farm animals	Feeding management of dairy animals	1	17	5	22	3	2	5	20	7	27
Livestock feed and fodder											

production										
Household food security										
Any other (pl.specify)										
TOTAL	2	34	10	44	9	4	13	43	14	57

Training programmes for Extension Personnel including sponsored training programmes –

CONSOLIDATED (On + Off campus)

	Actual Title of				N	o. of	Parti	icipan	ts		
	training conducted		(Gener	al		SC/S	Г	Gra	and T	otal
Thematic area (May be specific to any given KVK)		No. of Course	Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops											
Integrated Pest Management											
Integrated Nutrient management	INM in Kharif crops	1	15	5	20	3	2	5	18	2	20
Rejuvenation of old orchards	Rejuvenation of Mango & Guvava Orchards	1	17	5	22	6	2	8	23	7	30
Protected cultivation technology											
Production and use of organic inputs											
Care and maintenance of farm machinery and implements	Care & mentinence of farm implements	1	18	6	23	5	2	7	22	8	30
Gender mainstreaming through SHGs											
Formation and Management of SHGs											
Women and Child care											
Low cost and nutrient efficient diet designing											
Group Dynamics and farmers organization											
Information networking among farmers											
Capacity building for ICT application											
Management in farm animals	Feeding management of dairy animals	1	17	5	22	3	2	5	20	7	27
Livestock feed and fodder production	Green fodder production and their conservation	1	12	3	15	3	2	5	15	5	20
Household food security	Kitchen Gardening	1	0	15	15	0	5	5	0	20	20
Any other (pl.specify)	Vaccination in farm animal	1	14	6	20	3	2	5	17	8	25
TOTAL	-	7	93	45	137	23	17	40	115	57	172

Table. Sponsored training programmes

<i>Table. Sponsorea train</i>	Actual Title of	No. of				No. of	f Parti	cipant	s		
	training conducted	Course	(General			SC/ST	-		Grand [Fotal
Thematic area (May be specific to any given KVK)	conducted		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and											
management Increasing production and productivity of crops	Production technique of kharif crops	1	36	10	46	4	3	7	40	13	53
Commercial production of vegetables											
Production and value addition											
Fruit Plants							1	1			
Ornamental plants				1	1		1	1	1		
Spices crops					1						
Soil health and fertility management	Importance of Green manuring and organic farming	1	27	7	34	11	0	11	38	7	45
Production of Inputs at site											
Methods of protective cultivation	Cultivation techniques of vegetables in polyhouse	1	31	9	40	10	0	10	41	9	50
Others (pl. specify)	-										
Total	-	3	94	26	120	25	3	28	119	29	148
Post harvest											
technology and value addition											
Processing and value addition											
Others (pl. specify)											
Total											
Farm machinery Farm machinery, tools and implements											
Others (pl. specify)											
Total Livestock and fisheries											
Livestock production and management	Feeding management of farm animals	1	24	6	30	12	0	12	42	6	48
Animal Nutrition Management											
Animal Disease Management											
Fisheries Nutrition				1	1				1		
Fisheries Management					1		1	1			
Others (pl. specify)								_			
Total		1	24	6	30	12	0	12	42	6	48
Home Science							ſ				

Household nutritional security	Awareness Training programme on measures good agriculture practices and food saftey	1	71	8	79	14	5	19	85	13	98
Economic empowerment of women	Employment generation through SHG	1	0	39	39	0	11	11	0	50	50
Drudgery reduction of											
women											
Total		2	71	47	118	14	16	30	85	63	148
Agricultural											
Extension											
Capacity Building and											
Group Dynamics											
Others (pl. specify)											
Total											
GRAND TOTAL		6	220	88	308	61	19	80	287	107	394

Name of sponsoring agencies involved-

1. Department of Agriculture, Horticulture, Animal Husbandry U.P. & NIPHM -Ministry of Agriculture

Details of vocational training programmes carried out by KVKs for rural youth

Thematic area	Actual Title of	No. of	No. of Participants								
(May be specific to any given KVK)	training conducted	Course	General			SC/ST			Grand Total		
green in (in)	conducted		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management											
Commercial floriculture											
Commercial fruit production	Commercial fruit production	1	13	2	15	3	2	5	16	4	20
Commercial vegetable production	Commercial vegetable production	1	16	4	20	4	1	5	20	5	25
Integrated crop management											
Organic farming											
Others (pl. specify)											
Total		2	29	6	35	7	3	10	36	9	45
Post harvest technology and value addition											
Value addition	Vale addition in aonla	1	16	3	19	7	2	9	23	5	28
Others (pl. specify)											
Total		1	16	3	19	7	2	9	23	5	28
Livestock and fisheries											
Dairy farming	Dairy farming	1	10	5	15	3	2	5	13	7	20
Composite fish culture											
Sheep and goat rearing	Goat rearing	1	13	5	18	4	2	6	17	7	24

Piggery											
Poultry farming											
Others (pl. specify)											
Total		2	23	10	33	7	4	11	30	14	44
Income generation activities											
Vermicomposting											
Production of bio-agents, bio-pesticides,											
bio-fertilizers etc.											
Repair and maintenance of farm machinery											
Rural Crafts											
Seed production	Seed production in cereal crops	1	13	4	17	5	1	6	18	5	23
Sericulture											
Mushroom cultivation											
Nursery, grafting etc.											
Tailoring, stitching, embroidery, dying etc.											
Agril. para-workers, para- vet training											
Others (pl. specify)											
Total		1	13	4	17	5	1	6	18	5	23
Agricultural Extension											
Capacity building and											
group dynamics											
Others (pl. specify)											
Total			-								
Grand Total		6	81	23	104	26	10	36	107	33	140

IV. Extension Programmes

Activities	No. of Programme	No. of farmers	No. of Extension Personnel			
Kisan Sarathi	74	2911				
Advisory services	15	464	02			
Diagnostic visits	43	219	12			
Field day	09	231	03			
Group discussions	01	09	02			
Kisan gosthi	08	1045	28			
Film Show	03	176	03			
Self-help groups	02	15	0			
Kisan mela	04	2025	16			
Exhibition	03	915	05			
Scientists' visit to farmers field	71	412	03			
Plant/animal health camps	02	84	02			
Farm science club	01	14	01			
Ex-trainees Sammelan	03	31	04			
Farmers' seminar/workshop	02	20	0			
Method demonstrations	01	39	0			
Celebration of important days	05	449	05			
Special day celebration	06	33	02			
Exposure visits	15	250	08			
Women's Club Meet	02	52	05			
Total - 20	270	9394	116			
Other Extension Activities:

Particulars	Number
Electronic media	02
Extension literature	07
News letter	01
News paper coverage	35
Research Paper	02
Technical articles	08
Technical bulletins	02
Technical reports	04
Radio talks	02
TV talks	02
Animal health camps (Number of animals treated)	44
Total – 11	109

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs rganized Technology Week	Types of Activities	No. of Activities	Number of Participant	Related crop/livestock technology
				Kharif & Rabi
	Gosthies	04	165	Kisan Gosthi
				Cereal Pulses,
				Oilseed& live
	Lectures organised	04	225	Stock
				Agriculture related
	Exhibition	01	215	Technology
				Mushroom, bee
				keeping & natural
	Film show	02	115	farming
	Fair	0	0	-
Date 01-01-2023 to	Farm Visit	02	104	both
30-09-2023	Diagnostic Practical's	02	46	Crops & live Stock
30 07 2023				Goat rearing,
				mushroom
				production, Bee
				keeping,Productio
				n technique of
				Rabi & kharif
	Distribution of Literature (No.)	02	132	crops
				Paddy, wheat,
	Distribution of Seed (q)	01	39	mustard
				Vegetable, Fruit
	Distribution of Planting materials			& napier grass
	(No.)	02	251	sapling

Bio Product distribution (Kg)	1	38 kg	Vermin compost
Bio Fertilizers (q)	0	0	-
Distribution of fingerlings	0	0	-
Distribution of Livestock			Barbari goat and
specimen (No.)	1	03	Kadak Nath
Total	22	38 KG/1295	

IX. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

Production of seeds by the KVKs

Сгор	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Paddy	Pusa Narendra Kala Namak-01		38.0	247000	
	wheat	DBW-187, DBW-303		325	812500	-
	Barley	RD-2907		13.5	54000	-
Oilseeds	Till	GJT-5		5.50	55000	
	Groundnut	TAG 37A		1.50	22500	
	Mustard	RH 725,PPS-01		5.05	60600	
	Soyabeen	JS-2034		0.80	8150	-
Pulses	Urd	Ballabh Urd-1		1.50	18000	
	Pigeon Pea		Standing crop	-	-	
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others	MILLETS	JWAR-CSB-13, Bajra- MPMH17		5.00	32500	
Total				395.85	1310250	

Сгор	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial						
Vegetable seedlings	Pointed Guard	Narendra Parval 307,604	-	4250	106250	394
	Tomato	Kashi Adarsh, Pusa Rohini	-	3089	6178	192
	Capsicum	Super Wonder	-	1520	3040	164
	Cauliflower	Kashi Gobhi 25, Madhuri	-	3260	6520	73
	Brinjal	Kashi Sandesh	-	3022	6044	95
	Cabbage	BC-90	-	3442	6884	142
	Brokley	-	Late crona	1050	2100	26
Fruits	Mango	Dashari, Gaurjeet Amrapali Arunima, Arunika, Tomy at Kins	-	1395	72515	131
	Papaya	Pusa Nanha, Red Lady	-	541	10820	71
	Guava	Thai pink, Lucknow -49	-	503	17605	78
	Sahjan	PKM1 &2	-	1148	22960	79
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices	Chilli	Kashi Anmol		5540	11080	163
Tuber						
Fodder crop saplings						
Forest Species	Semal			2923	5846	231
i orest optices	Mahogini	Indian Mahogani		1865	37300	195
	Bamboo	-		3000	30000	314
Others						
T / 1				26540	245442	2240
Total				36548	345142	2348

Production of Planting material by KVK

Production of Bio-Products

	Name of the bio-product	Quantity	Value (Rs.)	No. of Farmers
Bio Products		Kg		
Bio Fertilisers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others –	Vermi compost	55	550	11
Total		55	550	11

Table: Production of livestock materials

	Name of the breed	Number	Value (Rs.)	No. of Farmers
Particulars of Live stock				
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Goatry	Barbary	10	60000	10
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)	Kadaknath	90	54500	15
Piggery				
Piglet				
Others (Pl.specify)				
Fisheries				
Indian carp				
Exotic carp				
Others (Pl. specify)	Table size Indian & exotic carps	51.0 Kg	9180	-
Total		100/51 kg	123680	25

X. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples tested	Soil Health card distributed	No. of Village Covered
Soil	2454	3011	91
Total	2454	3011	91

XI. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted
Basti	Not conducted

XII. NEWS LETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution
Krishi Vigyan Deep	1000

XIII. PUBLICATIONS

Category	Number
Research Paper	03
Technical bulletins	02
Technical reports	06
Book chapter	01
Popular article	10
Magazene	01
Folder	04

XIV. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO- IRRIGATION SYSTEM- N. A.

XV. INTERVENTIONS ON UNSEASONAL RAINFALL/HEAT WAVE ETC.

Crops/cultivars	Area (ha)	Extent of damage	Recovery of damage through KVK initiatives if any
Paddy CO-51	12.0	10%	Recommendation of Life saving irrigation
Wheat DBW-187,252	20.0	22%	Recommended to farmers for 01 extra irrigation
Total	32.0	-	

Introduction of alternate crops/varieties

Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds		
Pulses		
Cereals	32.0	80
Vegetable crops		
Tuber crops		
Total	32.0	80

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No. of participants
Total		

Animal health Camps Organized

Number of camps	No.of animals	No. of farmers
01	95	67
Total	95	67

Seed distribution in drought hit states

Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Total			

Large scale adoption of resource conservation technologies

Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Sowing of wheat by super seeder	127	321
DSR- Direct Seeded Rice	184	402
Total	311	723

Awareness campaign-

	Meetings Gosthies		Field days Farm		Farmers fair Exhibition		tion	Film show				
	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of
		farmers		farmers		farmers		farmers		farmers		farmers
Total												

XVI. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
ANDUAT,Kumarganj Ayodhya	Natural Farming,Soil Fertility, Smart Agriculture	03	120	25
Total		03	120	25

B. HRD activities organized in identified areas for KVK Staff by ATARI

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
-	-	-	-
Total			

XI. CASE STUDIES/SUCCESS STORY & DFI Success Story of Governor Awardee Women Farmer

Mushroom Production	Generation Occupation	
Name of farm women	: Smt. Krishnawati	
Husband name	: Lt. Sri Ram Lal	
Address	: Vill: Nagpur,Post Etwa Kungai,	
	Block Harraiya DisttBasti	
Age	: 48 yrs.	
Education	: 5 th standard	
Land holding	: 0.01 ha	
1. Category: Button Mu	shroom Production with value addition a	and

- **1. Category**: Button Mushroom Production with value addition and women empowerment.
- **2. Background:** Smt. Krishnawati is a very poor and landless women farmer. She never walk out in front of challenges. She has seven members in her family. She started Button Mushroom Production from one shed (50x22 sq.ft.) by local material bamboo, wheat and paddy straw etc. The Total input cost is Rs. 85,000.



- **3. Training and motivational support:** She decided to go to Krishi Vigyan Kendra, Basti to meet Scientist. They advice her to attend training of Button Mushroom cultivation at the KVK in year 2013- 14 after the training she become start Button Mushroom Production from 1 shed.
- 4. Impact in the area: Status of entrepreneur before and after KVK Intervention

Before Intervention	After Intervention
1. 01 shed	06 sheds
2. 0.2 acre land	0.50 acre land purchased
3. Income Rs. 72,000 only annually	Income Rs. 8,00,000 only annually
4. Thatched house	Maintain house with motor cycle, TV, mobile, Pakka house

Horizontal spread of units: 150 farm families are engaged with 500-600 rural youths engaged and Other transport agencies and business man and entrepreneur involves in the mushroom production system.

5. Awards & recognitions: She received many times University, ICAR and Governor Awards.

Hon'ble Governor, U.P. also provided Rs. 1.0 lac as reward for her best performance in mushroom production for district Basti. Kendra also promotes her for excellent performance of her mushroom unit.





राज्यपाल ने महिला किसान को सम्मानित किया। संवाद न्यूज एजेंसी

संवाद न्यूज एजेंसी हर्रेया। आचार्थ नरेंद्र देव कृषि एवं प्रीधोगिक विश्वविद्यालय कुमारगंज, अयोध्या के 22वें दीक्षांत समारोह में जिले की कृष्णावती को भी सम्मानित किया गया। उन्हें यह सम्मान मशरूम उत्पादन के लिए दिया गया। नरेंद्र देव कृषि विश्वविद्यालय के दीक्षांत समारोह में मिला सम्मान

उत्पादन का हब बन चुका है। इस क्षेत्र के करीब 165 परिवार इस उत्पादन में लगे हुए हैं। कृष्णावर्त को राज्यपाल आनंदीबेन पटेल ने



6. Contributing/enabling Factors -

The 125 farmers have been motivated and started the Mushroom Production and started the Mushroom Production with 4-10 shed as on average in nearby area. Ultimately the area is a well known as "Mushroom Hub". The surrounding village has been established as *Mushroom Hub* and it inspired several other landless farmers and farm women of the district for the upliftment of their socio economic condition.

<u>Success S</u>	Story of District Level Awardee Farmer							
	Success Story on Bee Keeping							
Name	: Dinesh Kumar Verma S/o Lalta Prasad							
Details of Farmer	: Vill Charthi Bhatt Post-Roopgarh							
	Block : Vikramjot,							
	Distt- Basti - 272131							
Mobile No.	: 9451097716							



Situation and Analysis: Dinesh Kumar Verma is 33 years old rural youth

belongs to a very poor family, he has 1.0 acre land holding and 6 members in his family. He has no extra income source, so he could not be able to support easily to his family.

Beekeeping is a domestic small enterprise in eastern region of Uttar Pradesh and marginal and landless farmers, women laborers and unemployed youth can get more benefits in less time with this enterprise. The weather of eastern Uttar Pradesh is favorable for beekeeping, so here there are wide possibilities of honey production due to the year round cultivation of many agricultural and horticultural crops by bee keepers. Keeping this scenario in mind, KVK scientists promoted bee keeping the district through various extension modules. This business benefits beekeepers throughout the year by marketing honey wax, royal jelly, propolis pollen, bee venom, bee lineage etc. and indirectly through pollination, the production of quality crops and seeds also increases.

Plan, Implement, Support and Linkage KVK: He came in contact with Krishi Vigyan Kendra, Basti in 2016. Scientists of KVK Basti suggested him to take the training on beekeeping. He learned technique and skill of bee keeping in training and demonstration at KVK Basti to generate more income for support my family. He started bee keeping in 2016 with investment of Rs. 20,000.00 with 10 boxes to rear the beekeeping. After then he started his business of honey.





Output: He Continuously got consultancy and made touch with scientist of Krishi Vigyan Kendra, Basti. Then he started bee keeping with 10 Bee boxes and he purchased some colony from his own source.

Outcome: He started bee keeping with 10 boxes in year 2016 and got Rs. 12,000.00 in first year. He achieved the confidence and established entrepreneur with a net annual income of about Rs. 1,20,000.00 with 40 boxes.

Year	No. of	Yield (kg)	Rate (Rs)	Gross Return	Rearing	Net Return	B:C ratio
	Boxes			(Rs)	Cost (Rs)	(Rs)	
2016	10	200	200	40000	28000	12000	1.43
2017	15	270	230	62100	34500	27600	1.80
2018	20	360	250	90000	40000	50000	2.25
2019	30	540	275	148500	62000	86500	2.40
2020	35	630	300	189000	79000	110000	2.39
2021	40	720	310	223200	96000	127200	2.33

Economic Return of Dinesh Kumar Verma

Impact:

He is an example for the unemployed youths and landless farmers. Ultimately as a result he got several awards like as & Farm an Food Award 2016 & 2021 etc. The success of Dinesh Kumar Verma landmark in the field of Bee Keeping and by looking at other 34 farmers adopted the Bee Keeping as significant enterprise in the nearby area in distt. Basti.

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Success Story of University and District Level Awardee Farmer

Name of farmer: Dhruv Narain Chaudhary Address: Vill- ,Po-Bedipur, Block- Parasrampur, Basti Mobile No. : 9918616970 Age: 52 Yrs Education: Graduate Size of land holding (in acre): 15.0



Effect of DFI Intervention

1) Before Intervention

Component Descrip	otion		Benchmark (Baseline period 2016-17)					
Component	Component Names		Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)			
Fields Crops	Paddy	5.0	69.20	96880	45000			
Fields Crops	Mustard	1.0	5.45	13625	8760			
Fields Crops	Wheat	5.0	73.50	117600	65000			
Fields Crops	Sugarcane	4.0	722.0	162450	85150			
Horticultural crops	Potato	1.00	100.50	70350	40000			
Livestock	Cow	10	7000 Ltr	210000	120000			
Livestock	fodder	1.0	175.0	35000	20000			
Other Intervention	Dairy and Dairy products	01	-	500000	300000			
Total					683910			

2) Status in 2020

Component I	Description		Period 2	% increase over base year			
Component	Names	Area (Acre) /Number	Production (Q/Liter /No.)	Gross Income (Rs.)	Net Income (Rs.)	Productio n	Income
Fields Crops	Paddy	7.0	112.0	208320	115000	15.6	155.0
Fields Crops	Mustard	1.0	7.50	33750	21400	37.6	144.0
Fields Crops	Wheat	7.0	121.50	239963	151500	40.0	133.0
Horticultura l crops	Sugarcane	5.0	995.0	3134252	210000	25.0	146.0
Horticultura l crops	Potato	1.00	110.0	110000	70000	9.45	75.0
Livestock	HNB/Sudan chari	1.00	180.00	54000	32000	2.85	108.0
Livestock	cow	15	12000 lit	420000	250000	50.0	60.0
Other Intervention	Dairy and Dairy products	02		1300000	750000		150.0
Total					1599900		133.9

Brief: Farmer used to get annual income of Rs. 683910.00 from 2016-17 etc. he faced problems like lack of organized marketing system, unavailability of high yielding fish fingerlings in local area and poor quality of fish as food item. Middleman takes full advantage of the unorganized farmers etc. With DFI Intervention like Varietal Evaluation using high yielding variety of crops and fish fingerlings, livestock management and other enterprises like as fish farming etc., he is getting annual income of Rs. 1599900.00





<u>Krishi Vigyan Kendra- Basti (U.P.)</u> <u>Success Story of women farmer Social Reformer</u>

- Name and address: Smt. Anjani Singh w/o Pradeep Singh vill. & Post-Katya, Block- Basti-Sadar, Distt.- Basti. Mob. No.- 8948091489
- **2. Category**: Agriculture/Animal husbandry/ value addition/ empowerment/ social sciences.
- **3. Background** She is having 8 acre land & growing wheat, Paddy, Sugercane, Til, Urad & vegetables. She is having 3 cow & 3 buffalos. In spite of these she is participating in many food processing operations like packaging, storage & spending considerable time in household activities & management of animals.
- 4. Training and motivational support KVK Basti provided her training in the field of Fruit & vegetable preservation, stitching of the garments knitting, care of milching animals. She is selling milk & khoya. At the present she is running 8 self help group & acting as "SAMUH SAKHI". She is selling her products under the umbrella of "DURGA AJIVIKA SELF HELP GROUP" & earning Rs. 20,000/Month.
- **5. Impact in the area** After getting self satisfaction from earning money. She attracted more number of rural women for employment in the field of value & Animal Husbandry.
- **6.** Awards & recognitions She is awarded by two certificates by Uttar Pradesh Gramin Ajivika Mission on 16-10-2020 & 29-11-2020 for her good work.





7. Contributing/enabling Factors She is working as Samuh Sakhi of all these 8 self help Group- Durga Ajivika, Kali Ajivika, Jai Mata, Laxmi, Shankar, Naitik, Ujjwala, Jyoti. To see her work more than 10 rural women adopted the business of value addition and purchase the mulching animals for selling of milk.







XIX. Achievement of Special programme. (Jan 2023- Dec. 2023)

1) Achievement of skill development training funded by DAC&FW- Not conducted

2) Activities performed under NARI programme

Table-7.1: Details of activities performed under NARI programme

Nutriti	onal Garden	Bio-fort	ified crops	Value addition		Training programmes		Extensio	n activities
No of Established	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries
05	05	01	03	01	17	02	34	02	37

Table-7.2: Details of Bio-Fortified Crops used for nutritional security under NARI programme

Category	Bio Fortified Crop	Variety	Area (ha)	No of Beneficiaries
Cereal	Maize			
	Rice	CR Dhan 310	1.0	05
	Wheat			
Millet	Finger millet			
	Pearlmillet			
	Sorghum			
Oilseed	Groundnut			
	Mustard			
Pulses	Lentil			
	Lathyras			
Vegetable	Cauliflower			
Tuber	Sweet Potato			
Total			1.0	05

3) Achievements of Soil, water, plant and manure samples analyzed by KVKs and soil health cards issued

Sample	No. of Samples in lakh	No. of Farmers in lakh	No. of Villages in lakh	Amount realized (Rs. in lakhs)	No. of Soil Health Cards issued (lakhs)
Soil	0.02454	0.03011	0.00091	-	
Water	-	-	-	-	0.03011
Plant	-	-	-	-	0.03011
Manure	-	-	-	-	
Total	0.02454	0.03011	0.00091	-	0.03011

4) Achievements under NICRA Project

NI	RM	Crop produc	ction	Live	stock & Fishe	eries	Capacity Building		Extension Activities	
Demo	Area (ha)	Demo	Area (ha)	Demo	Area (ha)	No. of animals	No of Courses	Farmers	No. of programmes	Farmers
Demo	meu (mu)	Demo	mea (ma)	Demo	meu (mu)	ummuno	Courses	Turmero	programmes	Turmers
10	1.0	163	65.0	16	1.00	16	5	125	3	155

5) Training -Achievements under ARYA Project

Name of	No. of entrepreneurial No. of Training programs		No. of rural ye	outh trained	No. of youth established units		
entrepreneurial units	units established	organized	Male	Female	Male	Female	
Mushroom production	22	02	32	08	27	01	
Goat farming	20	02	28	12	17	04	
Bee keeping	06	02	40	0	08	0	
Total	48	06	100	20	52	05	

7) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of Programmes	No. of persons participated
1	Toilet maintenance	03	73
2	Road, drain cleaning	05	124
3	Garbage disposal	05	73
4	Door to door awareness	09	178
5	Awareness campaign	10	411
6	Nookkad Drama	-	-
7	School Drama	_	-
8	School rally	02	123
9	Writing paining slogans	-	-
10	Composting	03	79
11	Other	-	-

8) Awards

S.No.	Name of Award received	Name of KVK/farmer	Year of Award	Date on which award received
1.	Pt. Deen Dayal Upadhyay Krishi Vigyan	Krishi Vigyan Kendra- Basti	2021	16.7.2022
	Rashtriya Protsahan Puruskar 2021			
2.	National Level Farm an Food Award 2022	Krishi Vigyan Kendra- Basti	2022	16.1.2023
3.	Smt. Krishnawati, Nagpur	Vill- Nagpur, Po- Harriya, Basti	2022	
4.	Sri .Bijendra Pal	Vill- Pachari Kala, Rudhauli, Basti	2022	
5.	National Level Farm an Food Award 2022,	Vill- Manjaha - Kaptanganj, Vill-	2023	6.01.2023
	Sri Sahebdeen Nishad, Ahmad Ali, Brihaspati	Dubaulia, Vill- Tharauli-Gaura		
	Pandey			

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