ANNUAL PROGRESS REPORT

(January-2023 to Dec.-2023)

KRISHI VIGYAN KENDRA GHAZIABAD

Directorate of Extension

SardarVallabhbhai Patel University of Agriculture & Technology, Meerut

PROFORMA FOR PREPARATION OF ANNUAL REPORT (Jan-2023-Dec-2023)

APR SUMMARY

(Note: While preparing summary, please don't add or delete any row or columns)

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	85	1371	336	1707
Rural youths	07	80	15	95
Extension functionaries	21	263	85	348
Sponsored Training				
Vocational Training				
Total	**113**	**1714**	**436**	**2150**

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds			
Pulses			
Cereals	25	8.0	
Vegetables	50	6.0	
Other crops	72		72
Hybrid crops			
Total	**147**	**14.0**	**72**
Livestock & Fisheries	55		150
Other enterprises			
Total	**55**		**150**
Grand Total	**202**	**14.0**	**222**

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	06	23	23
Livestock	02	08	08
Various enterprises	03	23	23
Total			
Technology Refined	**11**	**54**	**54**
Crops			
Livestock			
Various enterprises			
Total			
Grand Total			

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	1838	11347
Other extension activities		
Total	**1838**	**11347**

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Awar eness	Other enterpri se	Total
Ghaziabad	Text only	30	08	02			16	**56**
	Voice only	14	04	06			11	**35**
	Voice & Text both	44	12	08			27	**91**
	Total Messages	**88**	**24**	**16**	**0**	**0**	**54**	**182**
	Total farmers Benefitted	**88**	**24**	**16**	**0**	**0**	**54**	**182**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	205.59	970303
Planting material (No.)	32800	13390
Livestock Production (No.) Egg+Meat		
Fishery production (No.)		

7. Soil, water & plant Analysis

Samples	Source of Sample	No of Sample	Total health card issued	Value Rs.
Soil sample	Farmers	1105	1105	41830
Water	Farmers	02	02	60
Manure	Farmers	04	04	600
Total		**1111**	**1111**	**42490**

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	02
2	Conferences	04
3	Meetings (NEP, IARI)	01
4	Trainings for KVK officials	02
5	Visits of KVK officials	18
6	Book published	01
7	Training Manual	02
8	Book chapters	02
9	Research papers	02
10	Lead papers	01
11	Seminar papers	03
12	Extension folder	02
13	Proceedings	09
14	Award & recognition	03

15	On going research projects	03

ANNUAL PROGRESS REPORT
((Jan.2023 to Dec. 2023)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Muradgram Pur pursi Murad Nagar, Ghaziabad- 201 206 UP			ghaziabadkvk@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
SVPUA & T Modipuram, Meerut-250110 (UP)	0121-2888540, 2888511	0121-2888511	desvpuat2014@gmail.com

1.3. Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Arvind Kumar (Officer –in-Charge)		7355274516	**ghaziabadkvk@gmail.com**

4. Year of sanction: 1992

1.5. Staff Position (as on Dec, 2023)

Sl. No.	Sanctioned post	Name of the incumbent	Design -ation	Discip-line	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman-ent /Temp-orary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Programme Coordinator	**Vacant**										
2	Subject Matter Specialist	Dr. Sarita Joshi	SMS /Prof	Home Science		211800.00	26.08.1995	Permanent	Gen	9871134441	54	saritajoshi156@yahoo.com
3	Subject Matter Specialist	Dr. Pramod Kumar	SMS /Astt.Prof	Animal Science		92600.00	23.06.2008	Permanent	OBC	8630295699	52	pramodk201070@rediffmail.com
4	Subject Matter Specialist	Dr. D.K. Sachan	SMS /Astt.Prof	Agronomy		104100.00	27.06.2008	Permanent	OBC	9868258098	58	sachandharmendra66@gmail.com
5	Subject Matter Specialist	Dr. Pallavi Chaudahry	SMS / T-6	Horticulture		57200.00	02.07.2022	Permanent	SC	9458505049	36	pallavichaudharyhort@gmail.com
6	Subject Matter Specialist	Akansha Singh	SMS / T-6	Soil Science		57200.00	30.08.2022	Permanent	Gen	8127689583	29	dr.akanshasingh16@gmail.com
7	Subject Matter Specialist	**Vacant**										
8	Programme Assistant	Dr.C.P Gupta	Programme Assistant	Ext.		90300.00	20.12.1995	Permanent	Gen	9415482746	54	cpdeepali@gmail.com
9	Computer Programmer	Sh. Pushapandra Kr. Rathi	Programme Assistant	Computer		57200.00	26.12.2008	Permanent	OBC	9411477406	43	pushrathi1978@gmail.com
10	Farm Manager	Dr. Rakesh Kumar	Programme Assistant	Plant Breeding		57200.00	24.07.2008	Permanent	Gen	7599151951	55	rakeshnagina@gmail.com
11	Accountant / Superintendent	Sh Praveen Kumar Agarwal	Office Supdt/ Accountant	Accountant		57200.00	26.12.2008	Permanent	Others		43	
12	Stenographer	**Vacant**										
13	Driver	**Vacant**										
14	Driver	Sh. Kanwar Pal	Driver	Driver		34300.00	27-07-2007	Permanent	OBC		42	
15	Supporting staff	Sh. Sanjeev Kumar	Clerk/ disc.	Clerk/ disc.		34300.00	24.07.2007	Permanent	Gen		52	
16	Supporting staff	Sh. Neeraj Kumar Yadav	Peon/Security Gauard			34300.00	09-12-2003	Permanent	OBC		43	

1.6. Total land with KVK (in ha) : 17.56

S. No.	Item	Area (ha)
1	Under Buildings	1.26
2.	Under Demonstration Units	0.16
3.	Under Crops	5.0
4.	Orchard/Agro-forestry	Nil
5.	Others (Barren land-Saline)	10.60

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	-	510.00	43.65	--	-	-
2.	Farmers Hostel	ICAR	-	300.00	22.92	--	-	-
3.	Staff Quarters (6)	ICAR	-	400.00	26.72	--	-	-
4.	Demonstration Units (6)	ICAR	-	160.00	11.06	--	-	-
		ICAR	-	2000 running meter	38.43	--	-	-
5	Fencing	-	-	-	8.26	--	-	-
6	Rain Water harvesting system	ICAR	-	300.00	2.34	--	-	-
7	Threshing floor	ICAR	-	60.00	3.63	--	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero	2009	507000.00	163329	Very poor condition, in NCR region the vehicle is not allowed to run according to NGT rules.
Tractor	2005	3,44,500	6500 Hrs	Tranfer to Muradabad –II
	2022	700000	50 Hrs	Good Condition , Under RKVY
Motar cycle	2006	40,871	65556	Very Poor condition
Bicycle	2007	2375	-	Very Poor condition
Motar Cycle	2010	50000	45230	Good condition condition

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Steel Almirah (Two)	16.04.1996	4550.00	Poor conditions
Senior Office Table (One)		3201.00	Poor conditions
Office Table (Seven)		14840.00	Poor conditions
Office Table (One)		1030.00	Poor conditions
Office Chair with foam seat back (Eight)		4064.00	Poor conditions

Office Chair (22)		6248.00	Poor conditions
Steel bench (Two)		754.00	Poor conditions
Total		**34687.00**	
Discount ½%		173.45	
		34573.55	
Trade Tax @ 15%		5177.05	
Grand Total		**39690.60**	
Typewriter (Hindi) One	14.06.1996	9908.35	Poor condition
Ceiling Fan (Two)	28.04.1999		Poor condition
Zero Till ferti seed drill	13.11.1999		Poor condition
Tractor drawn Sugar can cutter planter (Two Row)	03.02.2000		Poor condition
Xerox Machine	19.02.2000		Poor conditions
One Computer, with Table & Chair (old)	13.03.2000		Poor conditions
Ceiling Fan (Six)	23.03.2002	5658.00	Poor condition
Computer P4, HP 6089,Slide Projector, Screen	25.03.2004		Poor condition
Inverter Sukan 760VA, Battery 12 V/165Ah	31.03.2004	10000.00	Poor condition
H.P.Digital Camera	31.03.2004	19656.00	Poor condition
H.P.Scanner	31.03.2004	15500.00	Good condition
Steel Almirah, Book case	31.03.2005	10856.00	Good condition
Tractor Sonalika	15.07.2005	344500.00	Good condition
HP laserjet Printer	21.12.2005	9999.00	Poor condition
Motor Cycle Hero Honda	31.03.2006	40871.00	Good condition
O.H.P.	13.06.2007		Good condition
Herro 14 disk lift baring,Cultivator 11 Tyne spring loaded, Bund maker Leveler 7 fut	27.09.2006	49035.00	Good condition
Book case1675X840X305mm (Two)	22.03.2007	7258.00	Good condition
Panasonic LCD Multimedia Projector	30.03.2007	64125.00	Good condition
S.D. Memory Card Complete with Grd Reader	30.03.2007	4000.00	Good condition
U.P.S. Microtek 800 VA 135378	25.05.2007	2490.00	Poor condition
U.P.S.	13.06.2007		Poor condition
Tractor trolly	06.08.2009	122018.00	Good condition
Furniture (Adam. Building)	23.03.2009	280131.00	Good Condition
Furniture (Farmer hostel)	23.03.2009	259006.00	Good Condition
Utensil etc	25.03.2009	33695.00	Good condition
A.C. 1.5 ton	25.03.2009	22500.00	Good condition

1.8. A). Details SAC meeting held on 09.11.2023

S.N	Name of designation	Suggestion by the SAC Members	Action taken
1.	Dr.P.K Singh , Director Extension, Sardar Vallabhbhai Patel Univ. of Agriculture. & Technology, Meerut	1. Soil sample testing target not completed so enhance foucus on soil testing and soil health card distribution. 2. In soil Science discipline need to increase no. of training and beneficeries . 3. In ploy house nursery work is not in proper way and involvement of farmers in nursery raising is low so polyhouse maintain properly for nursery raising and distributed to farmers on paid basis.	1. Contacted different department and CFLD incharge to Enhance soil testing. 2. In Action Plan 2023 no of training programme increased. 3. In comimg season polyhouse maintain accordingly.
2.	Dr. JagPal Chairmen, FARMER	. Need microbial multiplication and application on farmer's field. It is also suggested that KVK may collobrate with FARMER institution for operating Bio-Control lab etc.	In Swachata Abhiyan and Natural farming compaign foucus given on organic and natural product application.
3.	Dr.P.K Singh , Director Extension, Sardar Vallabhbhai Patel Univ. of Agriculture. & Technology, Meerut	Suggested that CFLD/ FLD should be conduct on Comprehensive mode and good practice.	In Action Plan 2023 CFLD/ FLD plan accordingly .
4.	Sh. Himanshu LDM , Ghaziabad	Suggested that focus on training in Financial litracy and collaborate RUDSET programme.	KVK involved in RUDSET training programme and financial litracy programme.
5.	Sh. Chanchal Gautam DDM NABARD	1. Suggested that more focus given on less water intensive crops and Millets production awareness programme. 2. FPO members should involve in KVK training programme.	1. In 2023 more foucs given on Millet production. 2. Special training programme schedule for FPO members and also facilitate to participation in KVK training programme.
6.	Dr.P.K Singh , Director Extension, Sardar Vallabhbhai Patel Univ. of Agriculture. & Technology, Meerut	Suggested that develop technology folder / litrecture on all aspects and distribute to farmers.	KVK develop and publish Krishi Takniki Panchang-2023 on millets , Biofortified natural farming , IPM, IFS, livestocks etc. Around 300 copies distributed to farmers, officials, Extension functionaries.
7.	Smt. Sushma Sood BSA, Ghaziabad	Suggested that popularize the Khet Talab and Smridhi Yojna.	In different programme like gosthi, training programme , Mela etc. this scheme told to farmers for adoption.
8.	Dr. Rahul V.O , Muradnagar	1. Suggested that Kadaknath production and mineral mixture supplementation in animals should be encouraged. 2. Need goat farming training for employment generation.	1. Demo./ OFT on Kadak nath production and mineral mixture conducted by KVKfor farmers motivation. 2. In Action Plan 2023 goat farming enterprise included.
9.	Sh. Subash Malik Organic Farmers	Suggested that one farmers group formulate on orgnic / Natural farming.	KVK prepare list of organic and natural farming farmers for group formulation.
10.	Smt. Suman Sharma Director , RUDSET	KVK can incorporate in different RUDSET training programme.	KVK organize exposure visit and training of Krishi Aajivika Sakhi in collobration with RIRD/ RUDSET.
11.	Sh. R.K. Srivastav Astt. Director , Fisheries Ghaziabad	Suggestted that more emphasis given on composite Fish Farming / Fish based IFS and project for KVK campus.	KVK facilitate the farmers to adopt integrated fish farming and project prepration is under progress.
12.	Sh. Abhishik Sharma Business Leader UPL	Suggested that UPL may help in food grain stotage safety programme through training , media, hoardings etc.	In KVK Campus one Big hoanding and 6 digital board placed on Grain Storage. One farmers workshop with 50 farmers conducted.
13.	Sh. Sunder Chauhan CEO, FPO	Suggested that more focus given in loni block for training and demonstration.	In future two training programme scheduled for Loni block.
14.	Sh. Charan Singh SDAEO, Modinagar	More emphasis given on training and visit programme on natural farming.	KVK regurlary organize compaign, training programme and exposure visit on natural farming.
15.	Neetu Kaushik Women Enterpreneur Modinagar	Suggested that Create awareness on value addition startup on Millet, Jaggery product through training , visit etc.	KVK Plan special programme on Millets, Jaggery value addition.

16.	Smt. Manju Kashyap Fish Farmer	Suggested that more emphasis given on fish based farming system training programme.	KVK develop fish based IFS module at KVK campus and schedule training programme on Integrated Fish Farming.
17.	Dr.P.K Singh , Director Extension, Sardar Vallabhbhai Patel Univ. of Agriculture. & Technology, Meerut	According to Kharif Production KVK farm progress is very poor and noticeable. Suggested that Farm production should be above district awardee farmers productivity if fall than fix responsibility.	KVK farm progress in Rabi is under practice.
18.	Dr.P.K Singh , Director Extension, Sardar Vallabhbhai Patel Univ. of Agriculture. & Technology, Meerut	1. Suggested that one project submitted on value addition , Millets and women empowerment as soon as possible. 2. At KVK Farm Dragon fruit , Intensive fruit orchard should be established and enhance revolving fund resources. 3. Suggested Project formulate on IFS and submit to NFDB. 4. More emphasis given on soil health management / soil testing. 5. CFLD conduct should be based on cluster village approach and need field activities , Field day etc. for wide popularization . It is also suggested that comparative photographs with Geo tagging is must for CFLD progress report. 6. Suggested that more emphasis given on floriculture and economic viable vegetable production in integrated way.	1. KVK take action very soon. And SMS Home Science take initiation in future. 2.KVK Farm Manager and SMS Horticulture prepare proposal and submit very soon. 3.SMS Animal Science prepare project and submit very soon. 4. SMS Soil Science plan accrodindly 5. CFLD incharge instruct to implementation of instructions. 6. SMS horticulture make plan accordingly.
19.	Sh. Harish Chand ADO(PP)	Suggested that more emphasis given on natural farming components, Fly trap, and Bio Agents.	KVK Plan natural and organic demonstration on farmers field and create awareness through compaign.

2. DETAILS OF DISTRICT (2023)

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

S. No	Farming system/enterprise
1	Crop Production.+ Dairy
2	Crop Production + Dairy +Horticulture (Olericulture and Floriculture)
3.	Crop Production + Dairy +Horticulture + Apiculture
4.	Crop Production + Dairy +Horticulture+ Apiculture +Poltry/Fishries/Mushroom.Vermi compost
5.	Aqua culture – Poltry – Banana – Vegetables / Dairy

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

S. No	Agro-climatic Zone	Characteristics
1	Western Plain Zone	Average rain fall 795 mm. Maximum temp. 37^0-$42^{0\,C}$ Minimum temp. 4.5^0C-6.9^0C Relative Humidity- 32-85% Soil-Sandy Loam , Loam, Clay Cropping Intensity -157%

2.3 Soil type/s

S. No.	Soil type	Characteristics			Area in (ha)
		pH	(N P K)	Crop	
1	Loam to Sandy Loam (AES I)	7.5-8.5	187.38, 53.7, 7.46	Sugarcane, Wheat, Paddy,	79910.00
2.	Sandy Loam (AESII)	7.0-7.5	99.49, 33.12 9.27	Sugarcane, Wheat, Paddy, Mustard, Sorghum	82954.00

3.	Sandy/Sandy Loam (AESIII)	7.5-8.0	125.71, 39.29 8.16	Sugarcane, Wheat, Paddy, Sorghum(Fodder)	80192.00
4.	Alkaline/Saline (AESIV)	8.7-9.7	129.27, 51.88 5.08	Wheat, Paddy, Vegetable, Sorghum (Fodder)	26911.00

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

	Crop	Area(ha)	Production(Qtl)	Productivity(Qtl/ha)
Kharif	Paddy	24794	626540	25.27
	Bajra	326	5720	17.55
	Maize	1803	49950	27.26
	Sorghum	8	70	8.21
	Urd	595	3290	5.52
	Moong	36	-	3.74
	Arhar	2218	17090	7.71
Rabi	Wheat	76121	3060710	40.21
	Barly	589	21170	35.95
	Chickpea	5	50	9.89
	Pea	13	160	12.03
	Lentil	234	2060	8.82
	Rape seed &Mustard	2431	26920	11.08
	Potato	4249	963090	226.13
Zaid	Urd	93	570	6.13
	Moong	118	810	6.89
	Maize	49	750	15.32
	Sugarcane	63396	33975180	535.92

2.5. Weather data

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)
		Maximum	Minimum	
April-22	0	40.92	21.62	41.5
May-22	1.5	41	23	43.5
June-22	2.8	40.4	25.5	55.4
July-22	9.8	33.9	23	81
August-22	1.4	33.6	25.2	80
Sept.-22	10.4	34	24	52.8
Oct. 22	19.90	28.8	23.0	65
Nov.-22	2.10	22.0	18.0	62
Dec.-22	9.5	18.0	16.0	70
Jan.23	0.50	16.0	14.0	85
Feb.23	18.47	22.0	16.0	80
March-23	4.96	29.5	18.0	60

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

Category	Population	Production	Productivity
Cattle	91901		
Crossbred	55825		
Indigenous	36076		
Buffalo	475763		
Sheep	911		

Crossbred	127		
Indigenous	784		
Goats	50823		
Pigs	9149		
Crossbred	2322		
Indigenous	6827		
Poultry			
Hens	40459		
Turkey and others	1380		
Category	**Population**	**Production**	**Productivity**
Fish	73.12 area in ha.	352 Quintal	-
	16.00	862 Quental	-

2.7 Details of Operational area / Villages

Sl. No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust area
1.	Modinagar	Murad nagar	Rawali Dhendha, Noorpur, Basantpur Saithli	Paddy, Urd, Pigeon pea Wheat, Mustard, Sugarcane Vermin compost Nutrition garden Paddy, Urd.	• Pod borer in Chickpea & Pigeon pea • Top borer and white grub in Sugarcane • Inadequate nutrients in take in daily diets • Stem borer & Bacterial blight in Basmati Rice.	To transfer technology and knowledge of new fungicide, insecticide, pesticide To transfer the improve technology for reducing infestation of insect & pest. Balance Nutrition in rural women & children.
2.	Ghaziabad	Raja pur	Chitora, Kushalia Kannuja, Kallu ghari	Paddy, Urd, Pigeon pea, Wheat, Mustard, Pea, Beekeeping, Vermi-compost,	• Stem borer & Bacterial blight in Basmati Rice • Pod borer in Chickpea & Pigeon pea • Top borer and white grub in Sugarcane	• Low in take of proper nutrients in diet • To transfer the improve technology for reducing infestation of insect & pest
		Bhoj pur	Amirpur-Badhayla, Kalchhina, Talahta	Sugarcane, Paddy,Green gram,poultry	• Unbalanced Use of fertilizer in Sugarcane ,Paddy wheat , • Insect and disease problem in sugarcane, paddy	• Intigrated Nutrient Managenment • Intigrated pest Management • Pulses production

		Loni	Mevla Bhatti, Sirora, SamsherPur	Paddy, Wheat, Jowar, Green gram,Poultry	• Unbalanced Use of fertilizer in Sugarcane ,Paddy wheat • Insect and disease problem in paddy	• Intigrated Nutrient Managenment • Intigrated pest Management • Pulses production

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Pulses	Introduction of high yielding,YMV resistant varieties of Green gram and Black gram , IPM for pod borer control.
Oilseed	INM for higher and quality production and introduction of new varieties
Paddy	IPM for stem borer, sheath blight and blast management, INM
Sugarcane	INM for higher production and soil health.,IPM for white grub and early top borrer
Nutritional gardening	Introduction of exotic veg. and fruits plants
Vegetables	Introduction of improved & hybrid varieties.
Soil health	Organic matter enhancement through Green manuring, soil sampling,
Livestock	Feed &fodder management, animal health service, desi poultry, Repeat breeding in dairy animals

2.9 Intervention/ Programmes for the doubling the farmers income – during 2022 **Demonstrations**

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**
Intercropping System(Kharif-Rabi-Zaid) –Livestock etc.							
Zaid (Sugarcane mono crop)	875.0		875.0	89000.00	195375	3.2 :1	
After Interventions							
Zaid (Sugarcane + 13french bean)	945.0	195.0	1273.0	99500.00	314225	4.15:1	

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**
Mono Cropping System(Kharif-Rabi-Zaid) –Livestock etc.							
Sugarcane(zaid)	720.0	Nil	Nil	137500	96500	1.7:1	
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**
Zaid sugarcane intercropped with green gram	820.0	6.2	934.5	142500	161213	2.13:1	

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
Relay Cropping System(Kharif-Rabi-Zaid) –Livestock etc.							

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
Relay Cropping System(Kharif-Rabi-Zaid)-Livestock etc.							

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 System(Kharif-Rabi-Zaid)-Livestock etc.							

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 System(Kharif-Rabi-Zaid) –Livestock etc.							

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-Rabi-Zaid) – Livestock etc.							

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
IFS System(Kharif-Rabi-Zaid) –Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *
Note- Same format may be used for OFT.

I. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during Jan 2023 to Dec-2023

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
12	11	50	52	200	202	200	**222**

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	**80**	85	1600	1707	1500	1838	10000	11347
Rural youth	**05**	07	75	95				
Extn. Functionaries	**15**	21	300	348				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
300	205.59	NSC	**20000**	32800	69

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Thematic areas	***Crop***	***Name of the technology assessed***	***No. of trials***	***No. of farmers***
Varietal assessment	Tomato	High yielding variety of Tomato.	01	03
	Strawberry	High yielding variety of Strawberry.	01	04
Integrated Nutrient Management	Rice	Low yield of basmati rice due to old varieties sustainable for insect pest and diseases .	01	05
	Rice	*Overdose of nitrogenous fertilizers in the wheat field to increase its yield*	01	03
Integrated Pest Management	Rice	Effective management of Brown Plant Hopper in Paddy	01	03
Integrated Crop Management/ Cropping system				
	Rice	PB-1637 improved neck blast resistant version of PB-1.	01	05
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Others (Pl. specify) - nutritional security	Nutritional security	Assessment of role of SHG for income generation through preparation from different pulses and vegetable Badi.	01	10
		Assessment of the effective supplementation of fortified wheat flour for improvement of nutritional status of farm women.	01	10
		Low work efficiency and high drudgery of farm women during weeding in Cauliflower	01	03
Total			**09**	**46**

Summary of technologies assessed under livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Disease Management				
Evaluation of Breeds	Poultry	Assesment of dual purpose poultry breeds	01	03
Feed and Fodder management	Buffello/ Cow	Assesment of different feed supplements	01	05
Nutrition Management				
Production and Management				
Others (Pl. specify)				
Total			**02**	**08**

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers

I.B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops by KVKs

Thematic areas	Crop	Name of the technology refined	No. of trials	No. of farmers
Integrated Nutrient Management				
Varietal Evaluation				
Integrated Pest Management				
Integrated Crop Management				
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries				
Total				

Summary of technologies refined under various livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology refined	No. of trials	No. of farmers
Disease Management				
Evaluation of Breeds				
Feed and Fodder management				
Production and Management				
Total				

Summary of technologies refined under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

OFT:- 1

Problem definition :- Lower yield in tomato due to no used of high yielding variety.

Technology Assesed(As the case may be) :- High yielding variety of Tomato .

KVK, Ghaziabad assess or refine (As the case may be) the technology of high yielding variety of tomato variety Nagur and found that the some had enhanced the yield by 59% compared to farmers practice.

Table: Performance of high yielding variety of Tomato.

Technology Option	*No.of trials*	*Yield (qt/ha)*	*Net Returns (Rs./ha)*	*BC Ratio*
T1- Used of old variety (Farmer`s Practice)	**03**	**290**	185000.00	3.5:1
T2- Used of high yielding variety -Nagaur.		462	307700.00	4.8:1

OFT:- 2

Problem definition :- Low yield of strawberrydue to no use of high quality virus free planting material

Technology Assesed(As the case may be) :- Effect of mulching on growth and yield attributes is being examined along with different spacing adopted for best yield and economic return in western region

KVK, Ghaziabad assess or refine (As the case may be) the technology of different mulching and spacing on growth and yield of strawberry under western Uttar Pradesh condition

Table:Assessment of different Mulching and spacing on growth and yield of Strawberry

Technology Option	*No.of trials*	*Yield (qt/ha)*	*Net Returns (Rs./ha)*	*BC Ratio*
T1- Paddy straw mulch with spacing 45x30cm	**04**	Result awaited		
T2- Black polythene mulch with spacing 45x45cm				

Nutritional Management

OFT:- 3 –

Technology	Technology Option	No. of trials	Yield (qt/ha)	Increase in yield(%)	Cost of cultivation (Rs.)	Gross income(Rs.)	*Net Returns (Rs./ha)*	*BC Ratio*	*Technical Feedback*	*Recommend actions*
Assessment of role of SHG for income generation through preparation from different pulses and vegetable Badi.	T_1- Farmer practice – Preparation of Badi from few pulses	*10*	1.5	-	120	150	30	1.25 : 1	Remarkable acceptance of Badi due to easy availability, more nutritional property and help in income generation	Preparation of *Badi* were assessed at different locations in comparison to often in practice. *Badi* with pulses & vegetable + spices was found better in respect of local practice. *Badi* with pulses and vegetable is more nutritional property, tasty, more self life and also add additional income
	T_2- Preparation of Badi from different type of pulses and vegetables.		1.5	-	240	450	210	1.8:1		

Food and Nutritional Security

OFT: 4

Thematic Area	Nutritional Security
Problem diagnosed	**Low Nutritional status and Malnutrition of Farm women**
Title of OFT	**Assessment of the effective supplementation of fortified wheat flour for improvement of nutritional status of Farm Women**
Farmers Practice (T_1)	Wheat flour only (Protein 10-11%, Iron 1.0-1.2 mg/100 gm)
Technology to be demonstrated (T_2)	**Fortified wheat flour (75%)+ Gram Flour (20%) + Barley Flour (5%) for 180 days ((Protein 14-15%, Iron 2.0-2.4 mg/100 gm)**
Source of Technology	NIN, Hyderabad
Year	2012
Critical Input	Gram Flour(80 gm/day) + Barley Flour (20 gram/day)
Expenditure	Rs. 1000/ trial
Parameter observation	**Technical** : i) Energy Adequacy ii) Perceived rate of exertion (Brog's 10 point scale) iii) Haemoglobin level **Social** : i) Availability & Adoption of technology

OFT: 5 **DRUDGERY REDUCTION**

Problem definition: Low work efficiency and high drudgery of farm women during weeding in Cauliflower.

Technology Assessed (as the case may be) : Use of Twin wheel hoe for drudgery reduction and efficiency enhancement of farm women involved in weeding Cauliflower.

Many agriculture operations are performed by women involve a lot of physical strain. Weeding is one of them.Traditionaly khurpi is being used in Baghpat. In order to enhance the efficiency and reducing drudgery, Krishi Vigyan Kendra, Baghpat conducted a trial by introducing twin wheel hoe as T2 (technology option 2) for weeding of Cauliflower against traditional khurpi as farmer practice T1 (technology option 1) on three locations. Results revealed that the activity became less drudgery prone as the perceived exertion has been reduced from severe to mild when work is performed by T2 and The output is increased by 90.08%.

Technology Options	No. of trials	Yield (kg or Q)	Availabili ty/year (Days)	Hb level (g/dl)		Perceived rate of Exertion (%)			*Technical Feedback*	*Recommend actions*
				Pre blood test (Prevailing Practice) (Av.)	Post blood test	Low	Mediu m	High	Increase level of HB	Inproved work capacity joint pain leg cramps absent.
Farmers practice	03	350 gm/ day	180	8.68			Mediu m			
Fortification of Locally available grains		350 gm/ day	180 days		10.22	Low				
Technology Options	No. of trials	Yield (kg or Q)	Availabili ty/year (Days)	Hb level (g/dl)		Perceived rate of Exertion (%)				
				Pre blood test (Prevailing Practice) (Av.)	Post blood test	Low	Mediu m	High		

Result:

Technology	Parameter	Data	Result
T_1:Use of khurpi for weeding onion	Output m*^{2}/hr Average working heart rate (b/min) EER (KJ /min) Rate of perceived exertion (Pain in legs and upper arms) (on 5 point scale)	60.5 105.50 7.97 Very severe pain .9 Due to adoption of aquating posture for many hours.)	The output is increased by 90.08 % when the work is performed by T2(twin wheel hoe) and the activity became less drudgery prone as the perceived exertion has been reduced from very severe (as in case of T1) to mild (as in case of T2.Thus drudgery is minimized.Women farmer showed their interest and willingness for adopting T2.
T_2: Use of twin wheel hoe for weeding onion	Output m*2/hr Average working heart rate (b/min) EER (b/m) Rate of perceived exertion (on 5 point scale) Pain in legs and upper arms) (on 5 point scale)	115 112 9.08 mild	

INTEGRATED CROP MANAGEMENT

OFT:-6

Problem defenation: Low yield of basmati rice due to old varieties sustainable for insect pest and diseases .
Technology Assesed: Newly released basmati var. PB-1718.

Table:- Perfomance of PB-1718

Technology Option	*No.of trials*	*Yield (q/ha)*	*% Increase in yield over farmer's practice*	*Net Return Rs./ha*	*BC Ratio*
T1 PB-1121(farmer practice)	05	*41.27*		*76095*	*1.77:1*
T2- PB1718		*42.70*	*3.5*	*80650*	*1.81:1*

INTEGRATED NUTRIENT MANAGEMENT

OFT:-7

(Soil Science)

Problem definition: *Overdose of nitrogenous fertilizers in the wheat field to increase its yield*
Technology Assessed (as the case may be): *Use of liquid Nano Urea to increase wheat yield*

KVK, Ghaziabad assessed the technology of Nano Urea application in wheat for its better performance in respect of economical yield. Two sprays of this liquid fertilizer were applied @500ml per acre, first at tillering stage (40-45 DAS) and second at head emergence (60-65 DAS) in PBW 303 variety of wheat and the yield enhancement was 7.42% compared to farmer's practice and 50% saving of nitrogenous fertilizer (Urea).

Table: Effect of foliar spray of Nano Ureain enhancing yield in Wheat

Technology Option	*No.of trials*	*Yield (kg./ha)*	*Increase in Yield (%)*	*B:C Ratio*
No UREA foliar spray(Farmers Practice)	*03*	*45.54*	*--*	*1.15*
Foliar spray of NANO UREA @ 500ml per acre at 40 and 60 DAS (Recommended Practice)		*49.2*	*7.43*	*1.84*

PEST AND DISEASE MANAGEMENT

OFT :-8

Technology	*Technology Option*	*No. of trials*	*Yield (q/ha)*	*% Increase in yield over farmer's practice*	*Cost of cultivation (Rs.)*	*Gross income(Rs.)*	*Net Income Rs/ha*	*BC Ratio*	*Technical Feedback*	*Recommend actions*
Evaluation of Corogen @ 150ml /ha +Tricho card @100000egg/ ha for management of *fruit borer in Okra*	T1:- Emedachlopid @ 0.5 ml/lt. water (Farmer practice)	03	135		76000.00	184508.00	108508.00	2.42:1	Tricocard is more economic beneficial as well as low residual effect.	Use of Tricocard is Recommend quality production.
	T2- Tricho card @100000egg/ha at the ime of 1st flowering + *spray of* Corogen @ 150ml /ha & subsequent spray after 10 days		162	16.62	79000.00	232060.00	153060.00	2.94:1		

OFT :-09

Technology	*Technology Option*	*No. of trials*	*Yield (q/ha)*	*% Increase in yield over farmer's practice*	*Cost of cultivation (Rs.)*	*Gross income(Rs.)*	*Net Income Rs/ha*	*BC Ratio*	*Technical Feedback*	*Recommend actions*
Effective management of Brown Plant Hopper in Paddy	T1-Farmer Practice (Imidacloprid 17.8SL @0.250 lit/ha)	03	42.88		94500.00	153196.00	58696.00	1.62:1	Thiomethoxame @250gm/ha is more useful for control in BPH.	Thiomethoxame @250gm/ha is recommended in district.
	T2-Thiomethoxame @250gm/ha		48.60	11.76	98500.00	165120.00	66620.00	1.68:1		

LIVE STOCK ENTERPRISES

OFT :-10
Problem definition: Low income in poultry**.**

Problem Assessed :- Low BC ratio and irregular marketing. due to high mortality, dependence on brolier.

Technology Assessed: assesment of dual purpose poultry breeds.

Table-

Technology option	No, of Trials	Production per unit	Egg Production,	Body weight	Net return (profit) in Rs/unit
T-1 Farmer Practice (Satpuda)	03 (50 chicks/ trial)	**4800 eggs + 40 kg live weight**	160 / year / birds	2 kg / bird	55200.00
T-2 - Kadaknath		**5400 eggs + 36 kg live weight**	180 / year / birds	1.8 kg / bird	90000.00

OFT :-11
Problem definition: Low Conception rate and milk yield in Cows**.**

Problem Assessed :-Due to anoestrous cows shows repeat breeding and low milk yield.

Technology Assessed: Assesment of different feed supplements.

Table-

Technology option	No, of Trials	Production per unit	Milk Production,	Conception rate	Net return (profit) in Rs/unit
T-1 Farmer Practice (Choker + Cake)	05 (1 Animal / trial)	**2576 ltr/year/animal**	9.2 ltr/day/animal	60 %	**128800.00**
T-2 - UMMB		**2744 ltr/year/animal**	9.8 ltr/day/animal	80 %	**137200.00**

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2023 and recommended for large scale adoption in the district

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S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Crop production							
1	Rice	INM	Balanced use of fertilizers in Rice 120:60:60:25(N:P:K:Zn)	Trainings,Goshthies,group discussions, Radio/T.V. Talks, Extension literatures and indivisual contacts	10	100	35
2							
3.							
Horticulture							
1	Red Cabbage	Varietals Performance	High yielding variety premero	Demonstration, training	03	05	0.5
2	Cauliflowr	INM	Use of Micronutrient (boron)	Demonstration, training	05	10	2.0
3	Chrysanthemum	Varietals Performance	High yielding variety of white star/yellow star	Demonstration, training	02	05	1.0
4	Merigold	Varietals Performance	High yielding variety of pusa narangi	Demonstration, training	03	05	1.0
Live Stock Production							
1	Poultry	Feed management	Balance Feed management	Method demonstration & Literature	03	20	-
Home Science							
1.	Kitchen Garden	House hold food security	Improved variety seed of vegetable	Method demonstration	10	20	0.8
2.	Value Addition	Value Addition	Value addition in mango	Method demonstration	05	05	-
Plant Protection							
1.	Paddy (control of stem borer)	IPM	Application of cartaf hydrochloride @ 18kg/ha + Tricocard @ 5 cards/acre	Method demonstration & Literature	05	25	10.0

2.	Wheat (Yellow rust control)	IDM	Seed treatment through vitavax 75 WP@ 3g/kg seeds+ Spray of Tabuconazole 0.1%	Method demonstration & Literature	04	10	4.0

b. Details of FLDs implemented during 2022 (Information is to be furnished in the following)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
Crop Production										
1.	Rice	INM	Balanced use of fertilizers in Rice 120:60:60:25(N:P:K:Zn)	Kharif 2022	4.0	4.0		10	10	
2.										
3.										
4.										
5.										
5.										
6.										
5.										
Horticulture										
1	Red Cabbage	Varietals Performance	High yielding variety of premero	Rabi 21-22	1.0	0.5	-	05	05	
2	Cauliflower	INM	Balance use of fertilizer(boron)	Kharif 2022	2.0	2.0	01	09	10	NA
3	Chrysanthemum	Varietals Performance	High yielding variety of white star/yellow star	Kharif 2022	1.0	1.0	01	04	05	NA
4	Merigold	Varietals Performance	High yielding variety of pusa narangi	Zaid 2022	1.0	1.0	02	03	05	NA
Live Stock Production										
1	Oat	Feed & fodder management	New improved vaeity-Kent	Rabi 21-22	1.0	1.0	06	04	10	No
2	Dairy	Livestock management	Feeding of mineral mixture @ 50 g/day/animal+Dewormer	Rabi 21-22	20 Animal	15 Animal	05	10	15	
Home Science										
1	Kitchen Garden	House Hold food security	Improved variety seed	Kharif-2022	0.02	0.02	-	06	06	No
2	Kitchen Garden	House Hold food security	Improved variety seed	Rabi-21-22	0.02	0.02	-	06	06	No
3.	Value addition	Value addition	Mango pickle mango+Tenti+Moringa	Kharif 22						
Plant Protection										

1	Paddy (control of stem borer)	IPM	Application of cartaf hydrochloride @ 18kg/ha + Tricocard @ 5 cards/acre	Kharif 2022	10	10	05	20	25	No
2	Wheat (Yellow rust control)	IDM	Seed treatment through vitavax 75 WP@ 3g/kg seeds+ Spray of Tabuconazole 0.1%	Rabi-21-22	4	10	02	08	10	No

Details of farming situation

	Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
					N	P	K					
Crop Production												
1.	Rice	Kharif 2022	Irrigated	Loam	L-M	M	M	Wheat	01-07.06.22	-	457	47
2	Lentil (CFLD)	Rabi 2021-22	Irrigated	Loam	L-M	M	M	Rice,Sorghum (Fodder)	01-12.11.2021	22-30.03.2022	66	5
3.	Black gram(CFLD)	Summer 2022	Irrigated	Loam	L-M	M	M	Mustard, Sugarcane, Wheat	06-15.04.2022	-	0	0
4	Green gram(CFLD)	Summer 2022	Irrigated	Loam	L-M	M	M	Mustard, Sugarcane, Wheat	06-15.04.2022	-	0	0
5	Black gram(CFLD)	Kharif 2022	Irrigated	Loam	L-M	M	M	Wheat, Sorghum (Fodder)	22-28.08.2022	-	457	47
Horticulture												
	Okra	Zaid-2022	Irrigated	Loam	L	L	M	Cauliflower	15-30.02.2022	10-20.02.2022	60	02
2.	Cauliflower	Kharif 2022	Irrigated	Sandy Loam	L	L	M	Okra	01-15.07.2022	-	480	36
3	Banana	Kharif 2022	Irrigated	Sandy Loam	L	L	M	Cucumber	01-12.07-2022	-	480	36
4	Bottle guard	Zaid 2022	Irrigated	Loam	L	L	M	Potato	25 Feb,7 to March 2022	Awaited	20	02
Live Stock Production												

1	Dairy	Rabi 21-22	Irrigated	Sandy Loam	M	M	L	-	15-12-22	-	30	05
Plant Protection												
17	Paddy (control of stem borer)	Kharif 2022	Irrigated	Sandy Loam	M	M	L	Jawar	11-07-22	-	600	17
18	Wheat (Yellow rust control)	Rabi 21-22	Irrigated	Sandy Loam	M	M	L	Sugarcane	22-11-22	-	30	2

Technical Feedback on the demonstrated technologies

S. No	Crop	Feed Back
Crop Production		
1.	Rice	Percentage of unfilled grains wa higher,deficiency of other macro and micro nutrientsis seemed to be workout .
2	Lentil (CFLD)	Infestation of wilt observed
3.	Summer Black gram(CFLD)	5-10% infestation of YMV observed ,no of pods observed low as compared to no of flowers set
4	Summer Green gram(CFLD)	10-20% infestation of YMV observed
5	Kharif Black gram(CFLD)	10-15% infestation of YMV observed ,More veg. growth low pods observed
6.		
Horticulture		
1	Red Cabbage	Compact and high yielding variety
2	Cauliflower	White and compact head
3	Chrysanthemum	Attractive and high marketable demand
4	Bottle guard	High yielding variety
Plant Protection		
1	Paddy (control of stem borer)	Infestation of stem borer in paddy can be control through bio-control and it good for environment.
2	Wheat (Yellow rust control)	Yellow rust incidence in wheat can be minimized through seed treatment as well as folier application of fungicide even in susceptible varieties.
Home Science		
1	Kitchen Garden	Available seasonal fresh vegetable through out the year and yield will be increased upto 30%
Live Stock Production		
1	Dairy	It is used to help for increase milk production and improve the fertility of animals and health

Farmers' reactions on specific technologies

S. No	Crop	Feed Back
1.	Rice	Appreciated for higher yield ,less pests infestation.
2	Lentil (CFLD)	Problem of wilt but good return
3.	Summer Black gram(CFLD)	High infestation of Bihar Hairy Catterpillar even at three to five leaves stage, problem of Niel Gay
4	Summer Green gram(CFLD)	High infestation of Bihar Hairy Catterpillar even at three to five leaves stage problem of Niel Gay
5	Kharif Black gram(CFLD)	More veg. growth low pods
6.		
Horticulture		
7	Okra	Use of high yielding variety challage green.
8	Cauliflower	Use of high yielding variety HYV-626.
9	Banana	INM in Banana.
10	Bottle guard	Balance use of fertilizer.
Plant Protection		
11	Paddy (control of stem borer)	Bio-control agent i.e. tricocards availability is limiting factors for control of stem borer in paddy
12	Wheat (Yellow rust control)	Vary good result of seed treatment was observed but folier application is difficult due to lack labour availability.
Home Science		
13	Kitchen Garden	80% farmers are interested in growing nutrition garden
Live Stock Production		
14	Dairy	To improve the health and milk production

Extension and Training activities under FLD

Crop Production

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
					-
					-

Plant Protection

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks

Horticulture

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
					-
					-

Home Science

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks

Live Stock Production

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo plot			Check plot		Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
							High	Low	Average			High	Low	Average										
Groundnut																								
Sesamum																								

Mustard																								
Toria																								
Linseed																								
Sunflower																								
Soybean																								

* 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		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	
2	

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo plot			Check plot		Demo												
							High	Low	Average			High	Low	Average	Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Pigeonpea																								
Blackgram																								
Greengram																								
Chickpea																								
Fieldpea																								
Lentil																								
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		
2		

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	
2	

FLD on Other crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo plot					Demo												
							High	Low	Average	Check plot		High	Low	Average	Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals																									
Paddy																									
	INM	Application of balanced fertilizers for nutrient management in Rice	PB 1509	15	4	No. of tillers	38	11	24	18	33.33	50.6	44.2	47.4	43.8	8.2	92000	264000	172000	1.87:1	91000	246000	155000	1.53:1
	INM	Balance use of fertilizer	PB 1509	10	4	No. of tillers effictive / m2	315	230	270	260	21.15	46.85	39.14	41.98	40.9	2.6	98500	176580	78580	1.8:1	95500	172000	77300	1.8:1
Waterlogged Situation																									
Coarse Rice																									

Scented Rice																								
Wheat																								
Wheat Timely sown																								
Wheat Late Sown																								
Mandua																								
Barley																								
Maize																								
Amaranth																								
Millets																								
Jowar																								
Bajra																								
Barnyard millet																								

Finger millet																								
Vegetables																								
Bottlegourd	INM	Potash 60kg/ha	Vardh	5	1	No of Fruits	16	12	14	11	27.3	319	286	362.5	265	14.1	67000	241600	174600	3.6:1	65000	212000	147000	3.2:1
Bittergourd																								
Cowpea																								
Spongegourd																								
Petha																								
Tomato																								
Frenchbean																								
Capsicum																								
Chilli																								
Brinjal																								

Vegetable pea																								
Softgourd																								
Okra	Varietal	HYV	Challenge Green	5	1	No of Pods	26	18	22	18	22.2	148.5	135.6	142	112.5	26.22	65000	213000	148000	3.2:1	63000	168950	105750	2.6:1
Colocasia (Arvi)																								
Broccoli																								
Cucumber																								
Onion	Varietal	Varietal demonstration	Pusa Red	10	1	Result Awaited																		
Coriender																								
Lettuce																								
Cabbage																								
Cauliflower	Varietal	Varietal demonstration	Pusa Sharad	10	1	Result Awaited																		

Carrot	Varietal	Varietal demonstration	Rudhra	10	1	Result Awaited																				
Flower crops																										
Marigold																										
Bela																										
Tuberose																										
Gladiolus																										
Fruit crops																										
Mango	INM	Balanced use of fertilizer in Mango	Dasheri / Chausa	10	1	Result Awaited																				
Strawberry																										
Guava																										
Banana																										
Papaya																										

Muskmelon																								
Watermelon																								
Spices & condiments																								
Ginger																								
Garlic																								
Turmeric																								
Commercial Crops																								
Sugarcane																								
Potato	INM	Boron (20%) @ 2kg/ha (Foliar Spray)	Kufri Mohan	10	2	No of tubes / plants	14	8	11	10	10	470	410	440	410	7.3	92000	264000	172000	1.87: 1	91000	246000	155000	2.70:1
Medicinal & aromatic plants																								
Mentholment																								
Kalmegh																								

Ashwagandha																								
Fodder Crops																								
Sorghum (F)																								
Cowpea (F)																								
Maize (F)																								
Lucern																								
Berseem																								
Oat (F)																								

* 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		

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	
2	

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)/day/animal				Economics of check (Rs.)/ day/animal			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle																	
Buffalo																	
Buffalo Calf																	
								-	-	-	-	-	-	-	-	-	-
Dairy	Feed and fodder	Mineral mixture supplemantation in milch animal.	15	30	**13.5**	8.5	37	6.2 (Fat %)	5.5 (Fat %)	315	607.5	292.5	1.92:1	290	382.5	92.5	1.3:1
	Animal Health	Deworming (Ivermachtin)	20	100	**11.4**	9.2	99.5	Low worms in festitaion	High worms in festitaion	340	570.0	230.0	1.67:1	305.0	460.0	155.0	1.5:1
	Feed and fodder	Evalution of Makhan Grass	20	20	Awaited												
Poultry																	
Sheep & Goat																	
Fodder																	

* 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 Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demons Ration	Check		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																	
Feed Management																	

FLD on Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.) or Rs./unit				Economics of check (Rs.) or Rs./unit			
				Demo	Check		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	Use of Preservative (1gm of KMS/litre)	22		Shelf life 6 month	Shelf life 15 days	1100			48/750 ml	138/ 750 ml	90/ 750 ml	1.9:1				

FLD on Women Empowerment

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

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units Area (ha)	Yield (Kg)		% change in yield	Other parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Nutri Garden	Nutritional food security	Growing of season foods and vegetables. (Rabi, Zaid & Kharif)	50	50	332	80	342	1. 315(duration days) 2. Saving per annum 8840	85	1120	9960	884	7.8:1	600	2250	550	3.7:1

FLD on Demonstration details on crop hybrids

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

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

III. Natural Farming

1) Crop Harvesting Details

Name of KVK	Crop Details Under Demonstration										Date of Sowing	Date of Harvesting
	Natural farming					Farmer's Practice						
	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)		
Ghaziabad	Rice	PB-1509	0.4	28	85500	Rice	1509	0.4	29	98000	16.07.2022	05.10.2022
Ghaziabad	Mustard	RH-749	0.4	Result Awaited								

2) Preliminary Soil Data of Natural Farming Field

Name of KVK	Soil data of Demonstrated/KVK Plot	Soil Analysis				Micronutrients				Microbial Analysis				
		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.)
Ghaziabad		below 280	below 20	130	0.39									

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	Ghaziabad	Kallugrahi	Subhas	9871533996	0.4
2					
3					

4) Information of Farmers already Practicing Natural Farming

Sl. No.	Name of the District	Name of the Farmers	No. of desi (indigenous) cows	Land holding (ha)	Crops Grown	No. of Years in Natural Farming	Area Covered under Natural Farming	Crops Grown under Natural Farming	Any significant achievements under natural farming
1	Ghaziabad	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2									
3									

5) Natural Farming Nodal officer & Associate Name

S.No.	Name of KVK	Name of Head/SMS	Discipline/Subject	Mobile No.
	Ghaziabad	Dr. Pramod Kumar	Animal Science	8630295699

6) Preliminary Soil Data of Natural Farming Field

Name of KVK	Soil data of Demonstrated/KVK Plot	Soil Analysis				Micronutrients				Microbial Analysis				
		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.)

IV. Drone Project

1) Details of Drone Training

S.No	Name of the Institute/KVK	No. of Drone Alloted	No. of Drones Received	No. of Trainees	Name of RPTOs (Pilot)	Designation of Trainee	Mob No. of Trainee	Email Id of Trainee	Training Institute	Training Status Done/Scheduled	Passport No. of the Trainee	Training Schedule	Remarks about Training Schedule

2) Details of Nodal officers under Drone Project

S.No	Name of the Institute	Name of Nodal Officer	Contact No.	Email

3) Expenditure regarding Agri-Drone

S. No.	Name of KVK, ICAR Institute and AU	No. of Drones allotted	No. of Drones Purchased	Funds for purchase of Drones@ Rs.10.0 lakh/drone	Funds for conducting demonstration Rs.@ 0.03 lakh/demo Rs. In lakh	Total funds released (Rs. In Lakh)	Funds utilized for purchase of Drones (Rs. In Lakh)	Funds utilized for conducting demonstration (Rs. In Lakh)	Total Fund Utilized (Rs. In Lakh)	Balance (Rs. In Lakh)	Percentage Utilization of Released Budget	Target Area under demonstration (ha)	Area under herbicidal spray (ha)	Area under insecticidal spray (ha)	Area under fertilizer spray (ha)	Area under nano-fertilizer spray (ha)	Total target achieved under demonstration (ha)

V. DAMU Project

Project Details

1. Name of Damu, District, ATARI zone and Year

DAMU Name :

Name of Blocks:

Year of start of AAS at DAMU:

2. Name and address with landline and mobile numbers along with STD code (also provide e-mail address) of head of ATARI, Project Coordinator, Head of the Krishi Vigyan Kendra (KVK)

Designation	Name	Address	STD code Telephone no. & Fax	Email-id
Head of ATARI				
Head of KVK				
Project Coordinator (PC)				
SMS				
Agromet Observer (AO)				

5. Date of start of Agromet Advisory Bulletins:

6. Nearest Air, Tv And Railway Station (provide the road distance from DAMU)

I) Air Station :

II) TV Station :

III) Railway Station:

7. Status of Agro-AWS

7.1 Date of installation of AWS :

7.2 List of instruments presently available in working condition:

7.3 Instruments to be replaced/repaired indicating type of defect:

7.4 Please provide frequency of observation, exposure conditions of the site etc.

7.6 Number of years of data records available:

7.8 Whether the observatory is periodically inspected, maintained and calibrated by IMD (If yes, please indicate the latest data of inspection by the IMD)

7.9 Details of soil moisture observations taken, if any (please provide frequency and depths of observation etc.)

8. Details of Agromet Advisory Services

i. How many times the weather forecasts were received during the year:

ii. When do you receive the forecasts from MC/RMC?

iii. How many AAS bulletins were prepared and disseminated to the farmers in the year?

iv. How many AAS bulletins were prepared using Agromet-DSS in English and regional languages?

v. List the modes of mass communication adopted for AAS dissemination:

vi. Details of broadcast on AIR and TV (name of station broadcast frequency, time slot provided etc.) (Audio tape of the recent broadcast):

vii. Give list of farmers awareness programmes conducted like Krishi / Kishan Melas, training, participation in national day parades etc. and photograph of Farmer's Awareness Programme (no of Farmer attended)

viii. No of SMS sent through Kisan Portal and how many farmers were benefitted during the year

ix. List of other organizations receiving Agromet advisories:

9. Verification results of District and Block level weather forecast

10. Economic impact of Agromet advisory services:

11. Mobile APP based Agromet advisory services for farmers:

12. Feedback from progressive farmers:

VI. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management					0			0	0	0	0
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification											
Integrated Farming											
Micro Irrigation/irrigation											
Seed production											
Nursery management											
Integrated Crop Management											
Soil & water conservatioin											
Integrated nutrient management	Scientific cultivation of Mustard	1	15		15	5		5	20	0	20
Production of organic inputs											
Others (pl specify)											
Total		**1**	**15**	**0**	**15**	**5**	**0**	**5**	**20**	**0**	**20**
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops	1. Cucerbitaceous crop cultivation through machan technology 2. Tomato cultivation through bower technology 3. Scientific cultivation of carrot 4 Improved packages and prctices of Bulb crops.5 INM in Patato crop.	1	18		18	2		2	20	0	20
Off-season vegetables					0			0	0	0	0
Nursery raising	1. Raising quality planting materials of vegetables crops 2. Vegetable nursery production technique of low cost polyhouse.	1	17		17	3		3	20	0	20
Exotic vegetables					0			0	0	0	0
Export potential vegetables					0			0	0	0	0
Grading and standardization					0			0	0	0	0
Protective cultivation					0			0	0	0	0
Others (pl specify)	Major diseases and pest of brinjal , okra and their control measures				0			0	0	0	0
Total (a)		2	35	0	35	5	0	5	40	0	40
b) Fruits											
Training and Pruning					0			0	0	0	0
Layout and					0			0	0	0	0

Management of Orchards											
Cultivation of Fruit	1. Scientific cultivation of banana	1	17		17	3		3	20	0	20
Management of young plants/orchards	1. Establishment of new orchard :Principles ,layout and management 2.Use of micro and macro nutrient management in Mango. 3. INM in mango crop				0			0	0	0	0
Rejuvenation of old orchards					0			0	0	0	0
Export potential fruits					0			0	0	0	0
Micro irrigation systems of orchards					0			0	0	0	0
Plant propagation techniques					0			0	0	0	0
Others (pl specify)	1. Microgreens cultivation and their Importance	1	16		16	4		4	20	0	20
Total (b)		2	33	0	33	7	0	7	40	0	40
c) Ornamental Plants											
Nursery Management					0			0	0	0	0
Management of potted plants					0			0	0	0	0
Export potential of ornamental plants					0			0	0	0	0
Propagation techniques of Ornamental Plants					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (c)		0	0	0	0	0	0	0	0	0	0
d) Plantation crops											
Production and Management technology					0			0	0	0	0
Processing and value addition					0			0	0	0	0
Others (pl specify)					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
Processing and value addition					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (e)		0	0	0	0	0	0	0	0	0	0
f) Spices											
Production and Management technology					0			0	0	0	0
Processing and value addition					0			0	0	0	0
Others (pl specify)					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
Production and management technology	1. Scientific cultivation of medicinal and aromatic plants				0			0	0	0	0

Post harvest technology and value addition					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (g)		0	0	0	0	0	0	0	0	0	0
GT (a-g)		**4**	**68**	**0**	**68**	**12**	**0**	**12**	**80**	**0**	**80**
III Soil Health and Fertility Management											
Soil fertility management					0			0	0	0	0
Integrated water management					0			0	0	0	0
Integrated Nutrient Management	1. Nutrient Management in fruit crop, 2. INM in Rice Crop, 3. INM in Kitchen Garden, 4. INM in pulses, 5. INM in Sugarcane	3	55	0	55	5	0	5	60	0	60
Production and use of organic inputs	1. Importance and use of organic fertilizers, 2. Production and Marketing of Vermi Compost	1	20	0	20	0	0	0	20	0	20
Management of Problematic soils	Management and reclamation of problematic soils				0			0	0	0	0
Micro nutrient deficiency in crops					0			0	0	0	0
Nutrient Use Efficiency					0			0	0	0	0
Balance use of fertilizers	Calculation method of nutrient required form fertilizer applied in crop field	1	17	0	17	4	0	4	21	0	21
Soil and Water Testing	Method of soil sample collection from crop field	1	20	0	20	0	0	0	20	0	20
Others (pl specify)					0			0	0	0	0
Total		**6**	**112**	**0**	**112**	**9**	**0**	**9**	**121**	**0**	**121**
IV Livestock Production and Management											
Dairy Management	1. Deworming 2. Cow based natural farming. 3.Mgt. of repeat breeder animals	4	62	6	68	12		12	74	6	80
Poultry Management	Poultry management for karaknath	2	32		32	8		8	40	0	40
Piggery Management	1.Feed management in piggery.	3	45	5	50	10		10	55	5	60
Rabbit Management					0			0	0	0	0
Animal Nutrition Management	1. Feed mgt. of dairy calves 2.Importance of UMMB	1	18		18	2		2	20	0	20
Disease Management	Causes & remedies of infertility in milch animals	2	38		38	2		2	40	0	40
Feed & fodder technology	1.Importance of perennial fodder crops in IFS module	5	82	8	90	8	2	10	90	10	100
Production of quality animal products	1.Integration of dairy in IFS module	1	16		16	4		4	20	0	20
Others (pl specify)	1. Layout of IFS 2. Improve techniques of goatry	4	72		72	8		8	80	0	80
Total		**22**	**365**	**19**	**384**	**54**	**2**	**56**	**419**	**21**	**440**

V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening	1. Nutrition Importance of Fruit and vegetable and cultivation of nutri garden.	1		17	17		3	3	0	20	20
Design and development of low/minimum cost diet	1. Nutritional Impotance of Nutricereal . 2. Prepration of Poshak Thali				0			0	0	0	0
Designing and development for high nutrient efficiency diet					0			0	0	0	0
Minimization of nutrient loss in processing	1. Ways of cooking / processing of food to preserve nutrients.				0			0	0	0	0
Processing and cooking	1. Soybeans, its processing and value addition.	1		17	17		3	3	0	20	20
Gender mainstreaming through SHGs					0			0	0	0	0
Storage loss minimization techniques					0			0	0	0	0
Value addition	1. Value addition of fruits and vegetables. 2. Value addition of Aonla.	2		42	42		8	8	0	50	50
Women empowerment					0			0	0	0	0
Location specific drudgery reduction technologies	1. Use of drudgery reduction tools technologies for farm women.				0			0	0	0	0
Rural Crafts					0			0	0	0	0
Women and child care	1. Nutrition during different life span.				0			0	0	0	0
Others (pl specify)	1. Macrame craft 2. Fortification of locally available foods.	1		18	18		7	7	0	25	25
Total		**5**	**0**	**94**	**94**	**0**	**21**	**21**	**0**	**115**	**115**
VI Agril. Engineering											
Farm Machinary and its maintenance					0			0	0	0	0
Installation and maintenance of micro irrigation systems					0			0	0	0	0
Use of Plastics in farming practices					0			0	0	0	0
Production of small tools and implements					0			0	0	0	0
Repair and maintenance of farm machinery and implements					0			0	0	0	0
Small scale processing and value addition					0			0	0	0	0
Post Harvest Technology					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

VII Plant Protection	1. IPM in mango orchard 2. IPM in solanaceous vegetables 3. IPM in zaid pulses 4. IPM in potato crop 5.IPM in cabbage and cauliflower	2	34		34	6		6	40	0	40
Integrated Pest Management	1 IDM in bitter gourd 2. Diseases management in paddy nursery 3. IDM in mustard	1	15		15	5		5	20	0	20
Integrated Disease Management	1.Natural farming techniques 2. Use of Trico card in sugarcane 3. Methods of safe grain storage	1	13		13	7		7	20	0	20
Bio-control of pests and diseases					0			0	0	0	0
Production of bio control agents and bio pesticides					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**2**	**28**	**0**	**28**	**12**	**0**	**12**	**40**	**0**	**40**
VIII Fisheries											
Integrated fish farming					0			0	0	0	0
Carp breeding and hatchery management		0			0			0	0	0	0
Carp fry and fingerling rearing		0			0			0	0	0	0
Composite fish culture					0			0	0	0	0
Hatchery management and culture of freshwater prawn					0			0	0	0	0
Breeding and culture of ornamental fishes					0			0	0	0	0
Portable plastic carp hatchery					0			0	0	0	0
Pen culture of fish and prawn					0			0	0	0	0
Shrimp farming					0			0	0	0	0
Edible oyster farming					0			0	0	0	0
Pearl culture					0			0	0	0	0
Fish processing and value addition					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IX Production of Inputs at site											
Seed Production					0			0	0	0	0
Planting material production					0			0	0	0	0
Bio-agents production					0			0	0	0	0
Bio-pesticides production					0			0	0	0	0
Bio-fertilizer production					0			0	0	0	0
Vermi-compost production					0			0	0	0	0
Organic manures production					0			0	0	0	0
Production of fry and					0			0	0	0	0

fingerlings											
Production of Bee-colonies and wax sheets					0			0	0	0	0
Small tools and implements					0			0	0	0	0
Production of livestock feed and fodder					0			0	0	0	0
Production of Fish feed					0			0	0	0	0
Mushroom Production					0			0	0	0	0
Apiculture					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics											
Leadership development					0			0	0	0	0
Group dynamics					0			0	0	0	0
Formation and Management of SHGs					0			0	0	0	0
Mobilization of social capital					0			0	0	0	0
Entrepreneurial development of farmers/youths					0			0	0	0	0
WTO and IPR issues					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XI Agro-forestry											
Production technologies					0			0	0	0	0
Nursery management					0			0	0	0	0
Integrated Farming Systems					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL		**42**	**622**	**113**	**735**	**98**	**23**	**121**	**720**	**136**	**856**

Farmers' Training including sponsored training programmes (off campus)

Thematic area (May be specific to any given KVK)	**Actual Title of training conducted**	**No. of courses**	**Participants**								
			Others			**SC/ST**			**Grand Total**		
			Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
I Crop Production											
Weed Management	0	0	0	0		0	0	0	0	0	0
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification											
Integrated Farming											
Micro Irrigation/irrigation											
Seed production											
Nursery management											
Integrated Crop Management											
Soil & water conservatioin											
Integrated nutrient management	Scientific cultivation of Mustard	1	17	0	17	3	0	3	20	0	20

Production of organic inputs											
Others (pl specify)											
Total		1	17	0	17	3	0	3	20	0	20
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops	1. Cucerbitaceous crop cultivation through machan technology 2. Tomato cultivation through bower technology 3. Scientific cultivation of carrot 4 Improved packages and prctices of Bulb crops.5 INM in Patato crop.	4	65		65	15		15	80	0	80
Off-season vegetables					0			0	0	0	0
Nursery raising	1. Raising quality planting materials of vegetables crops 2. Vegetable nursery production technique of low cost polyhouse.	1	18		18	2		2	20	0	20
Exotic vegetables					0			0	0	0	0
Export potential vegetables					0			0	0	0	0
Grading and standardization					0			0	0	0	0
Protective cultivation					0			0	0	0	0
Others (pl specify)	Major diseases and pest of brinjal , okra and their control measures	1	16		16	4		4	20	0	20
Total (a)		6	99	0	99	21	0	21	120	0	120
b) Fruits											
Training and Pruning					0			0	0	0	0
Layout and Management of Orchards					0			0	0	0	0
Cultivation of Fruit	1. Scientific cultivation of banana				0			0	0	0	0
Management of young plants/orchards	1. Establishment of new orchard :Principles ,layout and management 2.Use of micro and macro nutrient management in Mango. 3. INM in mango crop	3	48		48	12		12	60	0	60
Rejuvenation of old orchards					0			0	0	0	0
Export potential fruits					0			0	0	0	0
Micro irrigation systems of orchards					0			0	0	0	0
Plant propagation techniques					0			0	0	0	0
Others (pl specify)	1. Microgreens cultivation and their Importance				0			0	0	0	0
Total (b)		3	48	0	48	12	0	12	60	0	60
c) Ornamental Plants											
Nursery Management					0			0	0	0	0
Management of potted plants					0			0	0	0	0
Export potential of ornamental plants					0			0	0	0	0
Propagation techniques of Ornamental Plants					0			0	0	0	0

Others (pl specify)					0			0	0	0	0
Total (c)		0	0	0	0	0	0	0	0	0	0
d) Plantation crops											
Production and Management technology					0			0	0	0	0
Processing and value addition					0			0	0	0	0
Others (pl specify)					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
Processing and value addition					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (e)		0	0	0	0	0	0	0	0	0	0
f) Spices											
Production and Management technology					0			0	0	0	0
Processing and value addition					0			0	0	0	0
Others (pl specify)					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
Production and management technology	1. Scientific cultivation of medicinal and aromatic plants	1	17		17	3		3	20	0	20
Post harvest technology and value addition					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total (g)		1	17	0	17	3	0	3	20	0	20
GT (a-g)		**10**	**164**	**0**	**164**	**36**	**0**	**36**	**200**	**0**	**200**
III Soil Health and Fertility Management											0
Soil fertility management					0			0	0	0	0
Integrated water management					0			0	0	0	0
Integrated Nutrient Management	1. Nutrient Management in fruit crop, 2. INM in Rice Crop, 3. INM in Kitchen Garden, 4. INM in pulses, 5. INM in Sugarcane	2	39	0	39	2	0	2	41	0	41
Production and use of organic inputs	1. Importance and use of organic fertilizers, 2. Production and Marketing of Vermi Compost	1	19	0	19	1	0	1	20	0	20
Management of Problematic soils	Management and reclamation of problematic soils	2	40	0	40	0	0	0	40	0	40
Micro nutrient deficiency in crops					0			0	0	0	0
Nutrient Use Efficiency					0			0	0	0	0
Balance use of fertilizers	Calculation method of nutrient required form fertilizer applied in crop field	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	Method of soil sample collection from crop	2	40	0	40	0	0	0	40	0	40

	field										
Others (pl specify)					0			0	0	0	0
Total		**7**	**138**	**0**	**138**	**3**	**0**	**3**	**141**	**0**	**141**
IV Livestock Production and Management											
Dairy Management	1. Deworming 2. Cow based natural farming. 3.Mgt. of repeat breeder animals	2	35		35	5		5	40	0	40
Poultry Management	Poultry management for karaknath				0			0	0	0	0
Piggery Management	1.Feed management in piggery.				0			0	0	0	0
Rabbit Management					0			0	0	0	0
Animal Nutrition Management	1. Feed mgt. of dairy calves 2.Importance of UMMB	1	19		19	1		1	20	0	20
Disease Management	Causes & remedies of infertility in milch animals				0			0	0	0	0
Feed & fodder technology	1.Importance of perennial fodder crops in IFS module	2	30		30	10		10	40	0	40
Production of quality animal products	1.Integration of dairy in IFS module				0			0	0	0	0
Others (pl specify)	1. Layout of IFS 2. Improve techniques of goatry	3	45		45	15		15	60	0	60
Total		**8**	**129**	**0**	**129**	**31**	**0**	**31**	**160**	**0**	**160**
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening	1. Nutrition Importance of Fruit and vegetable and cultivation of nutri garden.	1		17	17		3	3	0	20	20
Design and development of low/minimum cost diet	1. Nutritional Impotance of Nutricereal . 2. Prepration of Poshak Thali	2		34	34		6	6	0	40	40
Designing and development for high nutrient efficiency diet					0			0	0	0	0
Minimization of nutrient loss in processing	1. Ways of cooking / processing of food to preserve nutrients.	1		18	18		2	2	0	20	20
Processing and cooking	1. Soybeans, its processing and value addition.	1		17	17		3	3	0	20	20
Gender mainstreaming through SHGs					0			0	0	0	0
Storage loss minimization techniques					0			0	0	0	0
Value addition	1. Value addition of fruits and vegetables. 2. Value addition of Aonla.	2		34	34		6	6	0	40	40
Women empowerment					0			0	0	0	0
Location specific drudgery reduction technologies	1. Use of drudgery reduction tools technologies for farm women.	1		17	17		3	3	0	20	20
Rural Crafts					0			0	0	0	0
Women and child care	1. Nutrition during different life span.	1		18	18		2	2	0	20	20
Others (pl specify)	1. Macrame craft 2.	1		18	18		2	2	0	20	20

	Fortification of locally available foods.										
Total		**10**	**0**	**173**	**173**	**0**	**27**	**27**	**0**	**200**	**200**
VI Agril. Engineering											
Farm Machinary and its maintenance					0			0	0	0	0
Installation and maintenance of micro irrigation systems					0			0	0	0	0
Use of Plastics in farming practices					0			0	0	0	0
Production of small tools and implements					0			0	0	0	0
Repair and maintenance of farm machinery and implements					0			0	0	0	0
Small scale processing and value addition					0			0	0	0	0
Post Harvest Technology					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection	1. IPM in mango orchard 2. IPM in solanaceous vegetables 3. IPM in zaid pulses 4. IPM in potato crop 5.IPM in cabbage and cauliflower	3	42		42	18		18	60	0	60
Integrated Pest Management	1 IDM in bitter gourd 2. Diseases management in paddy nursery 3. IDM in mustard	2	28		28	2		2	30	0	30
Integrated Disease Management	1.Natural farming techniques 2. Use of Trico card in sugarcane 3. Methods of safe grain storage	2	36		36	4		4	40	0	40
Bio-control of pests and diseases					0			0	0	0	0
Production of bio control agents and bio pesticides					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**7**	**106**	**0**	**106**	**24**	**0**	**24**	**130**	**0**	**130**
VIII Fisheries											
Integrated fish farming					0			0	0	0	0
Carp breeding and hatchery management					0			0	0	0	0
Carp fry and fingerling rearing					0			0	0	0	0
Composite fish culture					0			0	0	0	0
Hatchery management and culture of freshwater prawn					0			0	0	0	0
Breeding and culture of ornamental fishes					0			0	0	0	0
Portable plastic carp hatchery					0			0	0	0	0
Pen culture of fish and prawn					0			0	0	0	0
Shrimp farming					0			0	0	0	0
Edible oyster farming					0			0	0	0	0
Pearl culture					0			0	0	0	0
Fish processing and value addition					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

IX Production of Inputs at site											
Seed Production					0			0	0	0	0
Planting material production					0			0	0	0	0
Bio-agents production					0			0	0	0	0
Bio-pesticides production					0			0	0	0	0
Bio-fertilizer production					0			0	0	0	0
Vermi-compost production					0			0	0	0	0
Organic manures production					0			0	0	0	0
Production of fry and fingerlings					0			0	0	0	0
Production of Bee-colonies and wax sheets					0			0	0	0	0
Small tools and implements					0			0	0	0	0
Production of livestock feed and fodder					0			0	0	0	0
Production of Fish feed					0			0	0	0	0
Mushroom Production					0			0	0	0	0
Apiculture					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics											
Leadership development					0			0	0	0	0
Group dynamics					0			0	0	0	0
Formation and Management of SHGs					0			0	0	0	0
Mobilization of social capital					0			0	0	0	0
Entrepreneurial development of farmers/youths					0			0	0	0	0
WTO and IPR issues					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
XI Agro-forestry											
Production technologies					0			0	0	0	0
Nursery management					0			0	0	0	0
Integrated Farming Systems					0			0	0	0	0
Others (pl specify)					0			0	0	0	0
Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL		**43**	**554**	**173**	**727**	**97**	**27**	**124**	**651**	**200**	**851**

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management											
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification											
Integrated Farming											
Micro											

Irrigation/irrigation											
Seed production											
Nursery management											
Integrated Crop Management											
Soil & water conservatioin											
Integrated nutrient management	Scientific cultivation of Mustard	2	32	0	32	8	0	8	40	0	40
Production of organic inputs											
Others (pl specify)											
Total		2	32	0	32	8	0	8	40	0	40
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops	1. Cucerbitaceous crop cultivation through machan technology 2. Tomato cultivation through bower technology 3. Scientific cultivation of carrot 4 Improved packages and prctices of Bulb crops.5 INM in Patato crop.	5	83	0	83	17	0	17	100	0	100
Off-season vegetables		0	0	0	0	0	0	0	0	0	0
Nursery raising	1. Raising quality planting materials of vegetables crops 2. Vegetable nursery production technique of low cost polyhouse.	2	35	0	35	5	0	5	40	0	40
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 standardization		0	0	0	0	0	0	0	0	0	0
Protective cultivation		0	0	0	0	0	0	0	0	0	0
Others (pl specify)	Major diseases and pest of brinjal , okra and their control measures	1	16	0	16	4	0	4	20	0	20
Total (a)		8	134	0	134	26	0	26	160	0	160
b) Fruits											
Training and Pruning		0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards		0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	1. Scientific cultivation of banana	1	17	0	17	3	0	3	20	0	20
Management of young plants/orchards	1. Establishment of new orchard :Principles ,layout and management 2.Use of micro	3	48	0	48	12	0	12	60	0	60

	and macro nutrient management in Mango. 3. INM in mango crop										
Rejuvenation of old orchards		0	0	0	0	0	0	0	0	0	0
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		0	0	0	0	0	0	0	0	0	0
Others (pl specify)	1. Microgreens cultivation and their Importance	1	16	0	16	4	0	4	20	0	20
Total (b)		5	81	0	81	19	0	19	100	0	100
c) Ornamental Plants											
Nursery Management		0	0	0	0	0	0	0	0	0	0
Management of potted plants		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 Ornamental Plants		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total (c)		0	0	0	0	0	0	0	0	0	0
d) Plantation crops											
Production and Management technology		0	0	0	0	0	0	0	0	0	0
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											
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	1. Scientific cultivation of medicinal and aromatic plants	1	17	0	17	3	0	3	20	0	20
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)		1	17	0	17	3	0	3	20	0	20
GT (a-g)		**14**	**232**	**0**	**232**	**48**	**0**	**48**	**280**	**0**	**280**
III Soil Health and Fertility Management											
Soil fertility		0	0	0	0	0	0	0	0	0	0

management											
Integrated water management		0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	1. Nutrient Management in fruit crop, 2. INM in Rice Crop, 3. INM in Kitchen Garden, 4. INM in pulses, 5. INM in Sugarcane	5	94	0	94	7	0	7	101	0	101
Production and use of organic inputs	1. Importance and use of organic fertilizers, 2. Production and Marketing of Vermi Compost	2	39	0	39	1	0	1	40	0	40
Management of Problematic soils	Management and reclamation of problematic soils	2	40	0	40	0	0	0	40	0	40
Micro nutrient deficiency in crops		0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency		0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	Calculation method of nutrient required form fertilizer applied in crop field	1	17	0	17	4	0	4	21	0	21
Soil and Water Testing	Method of soil sample collection from crop field	3	60	0	60	0	0	0	60	0	60
Others (pl specify)											
Total		**13**	**250**	**0**	**250**	**12**	**0**	**12**	**262**	**0**	**13**
IV Livestock Production and Management											
Dairy Management	1. Deworming 2. Cow based natural farming. 3.Mgt. of repeat breeder animals	6	97	6	103	17	0	17	114	6	120
Poultry Management	Poultry management for karaknath	2	32	0	32	8	0	8	40	0	40
Piggery Management	1.Feed management in piggery.	3	45	5	50	10	0	10	55	5	60
Rabbit Management		0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	1. Feed mgt. of dairy calves 2.Importance of UMMB	2	37	0	37	3	0	3	40	0	40
Disease Management	Causes & remedies of infertility in milch animals	2	38	0	38	2	0	2	40	0	40
Feed & fodder technology	1.Importance of perennial fodder crops in IFS module	7	112	8	120	18	2	20	130	10	140
Production of quality animal products	1.Integration of dairy in IFS module	1	16	0	16	4	0	4	20	0	20
Others (pl specify)	1. Layout of IFS 2. Improve techniques of goatry	7	117	0	117	23	0	23	140	0	140

Total		**30**	**494**	**19**	**513**	**85**	**2**	**87**	**579**	**21**	**600**
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening	1. Nutrition Importance of Fruit and vegetable and cultivation of nutri garden.	2	0	34	34	0	6	6	0	40	40
Design and development of low/minimum cost diet	1. Nutritional Impotance of Nutricereal . 2. Prepration of Poshak Thali	2	0	34	34	0	6	6	0	40	40
Designing and development for high nutrient efficiency diet		0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	1. Ways of cooking / processing of food to preserve nutrients.	1	0	18	18	0	2	2	0	20	20
Processing and cooking	1. Soybeans, its processing and value addition.	2	0	34	34	0	6	6	0	40	40
Gender mainstreaming through SHGs		0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques		0	0	0	0	0	0	0	0	0	0
Value addition	1. Value addition of fruits and vegetables. 2. Value addition of Aonla.	4	0	76	76	0	14	14	0	90	90
Women empowerment		0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	1. Use of drudgery reduction tools technologies for farm women.	1	0	17	17	0	3	3	0	20	20
Rural Crafts		0	0	0	0	0	0	0	0	0	0
Women and child care	1. Nutrition during different life span.	1	0	18	18	0	2	2	0	20	20
Others (pl specify)	1. Macrame craft 2. Fortification of locally available foods.	2	0	36	36	0	9	9	0	45	45
Total		**15**	**0**	**267**	**267**	**0**	**48**	**48**	**0**	**315**	**315**
VI Agril. Engineering											
Farm Machinary and its maintenance											
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale											

processing and value addition											
Post Harvest Technology											
Others (pl specify)											
Total											
VII Plant Protection	1. IPM in mango orchard 2. IPM in solanaceous vegetables 3. IPM in zaid pulses 4. IPM in potato crop 5.IPM in cabbage and cauliflower	5	76	0	76	24	0	24	100	0	100
Integrated Pest Management	1 IDM in bitter gourd 2. Diseases management in paddy nursery 3. IDM in mustard	3	43	0	43	7	0	7	50	0	50
Integrated Disease Management	1.Natural farming techniques 2. Use of Trico card in sugarcane 3. Methods of safe grain storage	3	49	0	49	11	0	11	60	0	60
Bio-control of pests and diseases		0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		0	0	0	0	0	0	0	0	0	0
Total		**11**	**168**	**0**	**168**	**42**	**0**	**42**	**210**	**0**	**210**
VIII Fisheries											
Integrated fish farming											
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture											
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											
IX Production of Inputs at site											
Seed Production											
Planting material production											
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											

Vermi-compost production											
Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
Mushroom Production											
Apiculture											
Others (pl specify)											
Total											
X Capacity Building and Group Dynamics											
Leadership development											
Group dynamics											
Formation and Management of SHGs											
Mobilization of social capital											
Entrepreneurial development of farmers/youths											
WTO and IPR issues											
Others (pl specify)											
Total											
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems											
Others (pl specify)											
Total											
GRAND TOTAL		**85**	**1176**	**286**	**1462**	**195**	**50**	**245**	**1371**	**336**	**1707**

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

Thematic area (May be specific to any given KVK)	**Actual Title of training conducted**	**No. of Courses**	**No. of Participants**								
			General			**SC/ST**			**Grand Total**		
			Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops		0			0			0	0	0	0
Training and pruning of orchards		0			0			0	0	0	0
Protected cultivation of vegetable crops	Protected cultivation/ nursey of vegetable crops in low tunnel poly house.	1	8		8	2		2	10	0	10
Commercial fruit production		0			0			0	0	0	0
Integrated farming		0			0			0	0	0	0
Seed production		0			0			0	0	0	0

Production of organic inputs		0			0			0	0	0	0
Planting material production		0			0			0	0	0	0
Vermi-culture		0			0			0	0	0	0
Mushroom Production		0			0			0	0	0	0
Bee-keeping	Bee keeping	1	7		7	3		3	10	0	10
Sericulture		0			0			0	0	0	0
Repair and maintenance of farm machinery and implements		0			0			0	0	0	0
Value addition		0			0			0	0	0	0
Small scale processing		0			0			0	0	0	0
Post Harvest Technology		0			0			0	0	0	0
Tailoring and Stitching		0			0			0	0	0	0
Rural Crafts	Macrame Craft.	1		13	13		2	2	0	15	15
Production of quality animal products		0			0			0	0	0	0
Dairying		0			0			0	0	0	0
Sheep and goat rearing	Goat Rearing	2	25		25	5		5	30	0	30
Quail farming		0			0			0	0	0	0
Piggery		0			0			0	0	0	0
Rabbit farming		0			0			0	0	0	0
Poultry production	Poultry Farming	1	15		15			0	15	0	15
Ornamental fisheries		0			0			0	0	0	0
Composite fish culture		0			0			0	0	0	0
Freshwater prawn culture		0			0			0	0	0	0
Shrimp farming		0			0			0	0	0	0
Pearl culture		0			0			0	0	0	0
Cold water fisheries		0			0			0	0	0	0
Fish harvest and processing technology		0			0			0	0	0	0
Fry and fingerling rearing		0			0			0	0	0	0
Any other (pl.specify)	1. Integrated fish farming.	1	15		15			0	15	0	15
TOTAL		**7**	**70**	**13**	**83**	**10**	**2**	**12**	**80**	**15**	**95**

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

Thematic area (May be specific to any given KVK)	**Actual Title of training conducted**	**No. of Courses**	**No. of Participants**								
			General			**SC/ST**			**Grand Total**		
			Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production											
Production of organic inputs											
Planting material production											
Vermi-culture											
Mushroom Production											
Bee-keeping											
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											
Sheep and goat rearing											
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											

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

Thematic area (May be specific to any given KVK)	**Actual Title of training conducted**	**No. of Courses**	**No. of Participants**								
			General			**SC/ST**			**Grand Total**		
			Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops		0			0			0	0	0	0
Training and pruning of orchards		0			0			0	0	0	0
Protected cultivation of vegetable crops	Protected cultivation/ nursey of vegetable crops in low tunnel poly house.	1	8		8	2		2	10	0	10
Commercial fruit production		0			0			0	0	0	0
Integrated farming		0			0			0	0	0	0
Seed production		0			0			0	0	0	0
Production of organic inputs		0			0			0	0	0	0
Planting material production		0			0			0	0	0	0
Vermi-culture		0			0			0	0	0	0
Mushroom Production		0			0			0	0	0	0
Bee-keeping	Bee keeping	1	7		7	3		3	10	0	10
Sericulture		0			0			0	0	0	0
Repair and maintenance of farm machinery and implements		0			0			0	0	0	0
Value addition		0			0			0	0	0	0
Small scale processing		0			0			0	0	0	0
Post Harvest Technology		0			0			0	0	0	0
Tailoring and Stitching		0			0			0	0	0	0
Rural Crafts	Macrame Craft.	1		13	13		2	2	0	15	15
Production of quality animal products		0			0			0	0	0	0
Dairying		0			0			0	0	0	0
Sheep and goat rearing	Goat Rearing	2	25		25	5		5	30	0	30
Quail farming		0			0			0	0	0	0
Piggery		0			0			0	0	0	0
Rabbit farming		0			0			0	0	0	0

Poultry production	Poultry Farming	1	15		15			0	15	0	15
Ornamental fisheries		0			0			0	0	0	0
Composite fish culture		0			0			0	0	0	0
Freshwater prawn culture		0			0			0	0	0	0
Shrimp farming		0			0			0	0	0	0
Pearl culture		0			0			0	0	0	0
Cold water fisheries		0			0			0	0	0	0
Fish harvest and processing technology		0			0			0	0	0	0
Fry and fingerling rearing		0			0			0	0	0	0
Any other (pl.specify)	1. Integrated fish farming.	1	15		15			0	15	0	15
TOTAL		**7**	**70**	**13**	**83**	**10**	**2**	**12**	**80**	**15**	**95**

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops		0			0			0	0	0	0
Integrated Pest Management	1. Nutrient management in Mango.2. Application of bio agent. 3. Use of pesticides in pigeon pea crop.	4	60		60			0	60	0	60
Integrated Nutrient management	1. Rejuvenation of old orchards 2. Tecnological Advancement in Blackgram cultivation.3. Tecnological Advancement in Lentil cultivation 4. 3. Tecnological Advancement in Mustard cultivation	4	75		75			0	75	0	75
Rejuvenation of old orchards	Protected cultivation technology in low tunnel poly house	1	15		15			0	15	0	15
Protected cultivation technology		0			0			0	0	0	0
Production and use of organic inputs	Importance of Organic Inputs for Crop Production	0			0			0	0	0	0
Care and maintenance of farm machinery and implements		0			0			0	0	0	0
Gender mainstreaming through SHGs		0			0			0	0	0	0
Formation and Management of SHGs		0			0			0	0	0	0
Women and Child care	1. Importance of health and hygine . 2. Poshan Thali and its nutrition value .				0			0	0	0	0
Low cost and nutrient efficient diet designing		0			0			0	0	0	0
Group Dynamics and farmers organization		0			0			0	0	0	0
Information networking among farmers		0			0			0	0	0	0
Capacity building for ICT application		0			0			0	0	0	0
Management in farm animals		0			0			0	0	0	0
Livestock feed and fodder production	1. Innovative technquines of animals science 2. Deworming schedule in milch animals 3. Vaccination schedule in milch animals	4	60		60			0	60	0	60
Household food security	1. Cultivation of nutri	0			0			0	0	0	0

	garden.										
Any other (pl.specify)	1. Value addition of Millets. 2.Cultivation Technique of Papaya	2	13	27	40		13	13	13	40	53
TOTAL		**15**	**223**	**27**	**250**	**0**	**13**	**13**	**223**	**40**	**263**

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops		0	0	0	0	0	0	0	0	0	0
Integrated Pest Management		0			0			0	0	0	0
Integrated Nutrient management		0			0			0	0	0	0
Rejuvenation of old orchards		0			0			0	0	0	0
Protected cultivation technology		0			0			0	0	0	0
Production and use of organic inputs		1	8		8	2		2	10	0	10
Care and maintenance of farm machinery and implements		0			0			0	0	0	0
Gender mainstreaming through SHGs		0			0			0	0	0	0
Formation and Management of SHGs		0			0			0	0	0	0
Women and Child care		2		16	16		14	14	0	30	30
Low cost and nutrient efficient diet designing		0			0			0	0	0	0
Group Dynamics and farmers organization		0			0			0	0	0	0
Information networking among farmers		0			0			0	0	0	0
Capacity building for ICT application		0			0			0	0	0	0
Management in farm animals		0			0			0	0	0	0
Livestock feed and fodder production		2	30		30			0	30	0	30
Household food security		1		15	15			0	0	15	15
Any other (pl.specify)		0			0			0	0	0	0
TOTAL		**6**	**38**	**31**	**69**	**2**	**14**	**16**	**40**	**45**	**85**

Training programmes for Extension Personnel including sponsored training programmes – CONSOLIDATED (On + Off campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops		0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	1. Nutrient management in Mango.2. Application of bio agent. 3. Use of pesticides in pigeon pea crop.	4	60	0	60	0	0	0	60	0	60

Integrated Nutrient management	1. Rejuvenation of old orchards 2. Tecnological Advancement in Blackgram cultivation.3. Tecnological Advancement in Lentil cultivation 4. 3. Tecnological Advancement in Mustard cultivation	4	75	0	75	0	0	0	75	0	75
Rejuvenation of old orchards	Protected cultivation technology in low tunnel poly house	1	15	0	15	0	0	0	15	0	15
Protected cultivation technology		0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	Importance of Organic Inputs for Crop Production	1	8	0	8	2	0	2	10	0	10
Care and maintenance of farm machinery and implements		0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs		0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs		0	0	0	0	0	0	0	0	0	0
Women and Child care	1. Importance of health and hygine . 2. Poshan Thali and its nutrition value .	2	0	16	16	0	14	14	0	30	30
Low cost and nutrient efficient diet designing		0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization		0	0	0	0	0	0	0	0	0	0
Information networking among farmers		0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application		0	0	0	0	0	0	0	0	0	0
Management in farm animals		0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	1. Innovative technquines of animals science 2. Deworming schedule in milch animals 3. Vaccination schedule in milch animals	6	90	0	90	0	0	0	90	0	90
Household food security	1. Cultivation of nutri garden.	1	0	15	15	0	0	0	0	15	15
Any other (pl.specify)	1. Value addition of Millets. 2.Cultivation Technique of Papaya	2	13	27	40	0	13	13	13	40	53
TOTAL		**21**	**261**	**58**	**319**	**2**	**27**	**29**	**263**	**85**	**348**

Table. Sponsored training programmes

Thematic area (May be specific to any given KVK)	**Actual Title of training conducted**	**No. of Courses**	**No. of Participants**								
			General			**SC/ST**			**Grand Total**		
			Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Crop production and management											
Increasing production and productivity of crops											
Commercial production of vegetables											
Production and value addition											
Fruit Plants											
Ornamental plants											
Spices crops											
Soil health and fertility management											
Production of Inputs at site											
Methods of protective cultivation											
Others (pl. specify)											

Total											
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											
Animal Nutrition Management											
Animal Disease Management											
Fisheries Nutrition											
Fisheries Management											
Others (pl. specify)											
Total											
Home Science											
Household nutritional security											
Economic empowerment of women											
Drudgery reduction of women											
Others (pl. specify)											
Total											
Agricultural Extension											
Capacity Building and Group Dynamics											
Others (pl. specify)											
Total											
GRAND TOTAL											

Name of sponsoring agencies involved

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management											
Commercial floriculture											
Commercial fruit production											
Commercial vegetable production											
Integrated crop management											
Organic farming											
Others (pl. specify)											
Total											
Post harvest technology and value addition											
Value addition											
Others (pl. specify)											
Total											
Livestock and fisheries											
Dairy farming											
Composite fish culture											
Sheep and goat rearing											

Piggery											
Poultry farming											
Others (pl. specify)											
Total											
Income generation activities											
Vermicomposting											
Production of bio-agents, bio-pesticides,											
bio-fertilizers etc.											
Repair and maintenance of farm machinery											
and implements											
Rural Crafts											
Seed production											
Sericulture											
Mushroom cultivation											
Nursery, grafting etc.											
Tailoring, stitching, embroidery, dying etc.											
Agril. para-workers, para-vet training											
Others (pl. specify)											
Total											
Agricultural Extension											
Capacity building and group dynamics											
Others (pl. specify)											
Total											
Grand Total											

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	1150	1150		1150
Diagnostic visits	190	530		530
Field Day	5	70	5	75
Group discussions	45	685	45	730
Kisan Ghosthi	32	1067	7	1074
Film Show	4	395	8	403
Self -help groups	10	325	6	331
Kisan Mela `	13	2884	35	2919
Exhibition	13	1845	110	1955
Scientists' visit to farmers field	285	285		285
Plant/**animal health camps**				0
Farm Science Club	2	40	2	42
Ex-trainees Sammelan				
Farmers' seminar/workshop	1	72	15	87
Method Demonstrations	32	32	2	34
Celebration of important days	8	310	12	322
Special day celebration	2	172	18	190
Exposure visits	16	780	4	784
Other	30	428	8	436
Total	**1838**	**11070**	**277**	**11347**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD) / youtube	2
Extension Literature	1
News paper coverage	26
Popular articles	9
Radio Talks	
TV Talks	4
Animal health camps (Number of animals treated)	1
Others (pl. specify)/ Digital Poster	18
Total	**61**

Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	30	08	02			16	**56**
	Voice only	14	04	06			11	**35**
	Voice & Text both	44	12	08			27	**91**
	Total Messages	**88**	**24**	**16**	**0**	**0**	**54**	**182**
	Total farmers Benefitted	**88**	**24**	**16**	**0**	**0**	**54**	**182**

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Indendence Week	Quiz competition and rallay	01	81	All crops and livestock
	Farmers meeting	02	53	IFS and Natural Farming
	Tree Plantation	01	25	Trees
	Training and Visit	03	186	All crops and livestock

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

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Paddy	PB-1692		123.59	490568	NSC
Oilseeds	Mustard	RH-749		82	489735	NSC
Commercial crops						
Vegetables						

Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						-
Others						
Green Manuring						
Total				**205.59**	**970303**	

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Number	Value (Rs.)	Number of farmers
Commercial					
Vegetable seedlings	Brinjal	Nav Kiran	240	132.5	8
	Chilli	Armor / Parihot	14275	7137	4
	Tomato	Sona 500	3040	1520	8
	Cabbage	S-92	5644	1411	15
	Cauliflower	Pusa Hybrid-2 / Snow ball K1	781	392.5	12
	Broccoli	Pusa KTS-1	70	35	6
	Capsicum	California Wonder	3300	1600	6
Ornamental plants	*Ficus benajamina*				
	Marigold				
	Poppy				
	Calendula				
	Hollyhock				
	Sweet Alyssum				
	Chrysanthemum				
Medicinal and Aromatic	Aloe vera				
Fruits	Marigold	Pusa Narangi / Pusa Basanti	5450	1162.5	10
Total			**32800**	**13390.5**	**69**

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilisers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others				
Total				

Table: Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)	Kadaknath	50	16000	3
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl.specify)				
Fisheries				
Indian carp				
Exotic carp				
Others (Pl. specify)				
Total				

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	1105	1105		41830
Water	2	2		60
Plant				
Manure	4	4		600
Others (Warmi Wash)				
Total	**1111**	**1111**	**0**	**25950**

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted
KVK Ghaziabad	1(on 09.11.23)

IX. NEWSLETTER

Name of News letter	No. of Copies printed for distribution
Agriculture Tecnology Calender	1000

X. PUBLICATIONS

Category	Number
Research Paper	04
Technical bulletins	02
Technical reports	03
Others (pl. specify)	04

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

Activities conducted				
No. of Training programmes	No. of Demonstration s	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)
-	-	-	-	-

II. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Crops/cultivars	Area (ha)	Number of beneficiaries
Total		

Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds	-	-
Pulses		

Cereals Paddy		
Vegetable crops		
Tuber crops		
Fodder Sorghum		
Total		

Farmers-scientists interaction on livestock management

Livestock components	**Number of interactions**	**No.of participants**
Total		

Animal health camps organised

Number of camps	**No.of animals**	**No.of farmers**
Total		

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**
-	-	-
Total		

Awareness campaign

	Meetings		**Gosthies**		**Field days**		**Farmers fair**		**Exhibition**		**Film show**	
	No.	**No.of farmers**	**No.**	**No.of farmers**	**No.**	**No.of farmers**	**No.**	**No.of farmers**	**No.**	**No.of farmers**	**No.**	**No.of farmers**
-	-	-	-	-	-	-	-	-	-	-	-	-
Total												

XIII. 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 nvolved**
-	-	-	-	-
Total				

B. HRD activities organized in identified areas for KVK staff by Zonal Project Directorate

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

XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

Each Zone should propose a minimum of three case studies with good action photographs (with captions on the backside of the hard copy of the photos) on the following topics

a) ***Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise***
b) ***Performance of the end results of any one technology assessed, its refinement if any and its impact in district agriculture with respect to that crop or enterprise***
c) ***Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/ enterprise/ bio-product***
The general format for preparing the above case studies are furnished below

Succees Story

Enterpeneurship development through Kadak Nath poultry based Integrated module as " The Meat Village "

Name of the Farmer : Mr. Pradeep Shishodia
Marital Status & Gender : Married, Male
Date and place of birth : 31.07.1981, Ghaziabad
Postal address & : S/o Sh. R.N. Shishodia, 21/6 , Lal Quarter, Ghaziabad(U.P.)

Mobile No./e-mail : Mob. – **9971718563,** pradeeps@lianatourism.com

Formal/ informal education : MBA

Most significant achievements along with contributions of the farmer in terms of

i) New integrated farming systems models developed/ refined :
Developed Kadak Nath poultry based Integrated module as " The Meat Village "

ii) Development/Adoption of resource conservation Technologies package of practices:
Rural population living in India constitutes 72.2 per cent of the total population, which is predominantly occupied by poor, marginal farmers and landless labourers. Backyard poultry production is an old age profession of rural families of India. It is the most potent source for subsidiary incomes for landless and poor farmers. It is an enterprise with low initial investment but higher economic returns and can easily be managed by women, children and old aged persons of the households. Now-a-days, poultry

meat and eggs have been the best and cheapest sources for meeting out the per capital requirement of protein and energy for rural areas of India.

iii) Breaking technology transfer barriers:

The Meat Village shelter which is roomy, clean and airy should be provided under free-range systems. Rooms may be either fixed or mobile. If space permits, a mobile chicken house may be appropriate, and to increase egg production, mobile folds or field units for laying birds can be provided. These mobile units can be rotated on the range. Although housing is cheaper and there is less need for balanced rations, the Chickens are exposed to the sun and prone to parasite infestation. The Meat Village situated a short distance from consumers may be able to practice direct marketing. Before choosing to sell their products directly to consumers. The Meat Village has many ways to carry out direct marketing along with SHG of NARARD, Ghaziabad.

iv) Prevention of outbreak of diseases and pests:

Three tier model of Poultry system for diseases surveillance and prevention.

v) Bringing about radical change in management packages/ in contributing record production from land, water or animals.

- The walls of The Meat Village of the building can be made of fully mud or bamboo, and the" windows and door of bamboo slats. The house can also be free-standing, and may also be suitable for semi-intensive or intensive production systems.
- **Sales from the Meat Village:** TMV may be able to sell Kadaknath, which is a unique chicken breed"for semi-intensive or intensive production systems. directly from the farm (farm gate). This, however, will depend on whether consumers are able and willing to go to the producer's facilities. The main advantage of farm-gate selling is that the producer may be able to obtain a market price for eggs without incurring marketing costs. . The main advantage for the consumers is that Kadaknath will be fresh with little or no quality loss.
- **The main Street hawkers come for Purchasing :** Some consumers prefer that Kadaknath / Chickens/ Eggs/"advantage for the consumers is that Kadaknath will be fresh with little or no quality loss. Mutton etc brought directly to the TMV. This hawker must spend time on marketing; however, consumers may appreciate the service and be willing to pay a good price. Furthermore, the producer can take orders directly from consumers and carry only what he/she is assured will be bought.
- **The Meat Village sales as a local retail shops:** The Meat Village can also sell directly to local"can take orders directly from consumers and carry only what he/she is assured will be bought. retail shops such as hotels, restaurants, local vendors. This type of direct marketing, however, requires negotiation, which may result in a written contract of the duties and obligations of both parties. It also requires continual interaction over time between producer and buyer, a standard Chickens/Mutton etc.. quality agreement and a constant supply. The producer must carefully evaluate the issues involved including the regular production and transport of large quantities of
  Chickens/Mutton etc.
- **The Meat Village, Kitchen is provide a Kadaknath Handi with the tagline** "your healthy"Chickens/Mutton etc. addiction." Meat Village provide a favorite poultry served in healthy, delicious dishes. The especial menu features a KADAKNATH chicken. In addition to Kitchen's on-site sales, The Meat Village, especially provide a freshly prepared, Kadaknath or Kali Masi(fowl with black flesh) which is unique breed of chicken that is completely black in colour. Apart from its meat,it's bones and most organs are also black. It's egg are also in black. Its black colour stems from deposition of melanin pigment food that is healthy, nutritious and most importantly, tasty, delicious at prices that everyone can afford. We use fresh, never frozen ingredients that are natural, free of hormones, antibiotics. Our food is prepared from scratch daily, in our clean and sparkling neighborhood Kitchens by a team of friendly and efficient professionals. We only use the healthiest methods of cooking, grilling,

steaming and broiling. My pledge to you is to keep our food affordable, so that everyone in our communities can have access to freshly prepared, healthy, nutritious and delicious meals.

vi) Recognition received at the Block/ District/ State or country level:

- Received a certificate at State level (Uttar Pradesh) as innovator farmer.
- Honored in Kisan Samman Diwas 23.12.2021 at District Level by Honorable State Minister, Govt. Of U.P.
- Member of Scientific Advisory Committee of KVK, Ghaziabad.

vii) Any other significant contributions:

- The Meat Village having own YouTube channel".
- The Meat Village programme on "Krishi Darshan" on a routine basis".
- Having a more than 4000 Direct client".
- Daily rate list with item share with the 4000 clients of the Meat Village users through Whatsaap" messages.
- Having a number of success stories" Published number of feature articles in many media plate-form".
- Having a 5000 Egg Capacity Fully Automatic Egg Incubator with automatic settler cum" Hatchery with tilting device, time and humidity control.
- For client or arrival at the processing plant to shipment, learn how chickens clean and the rest of" how chickens are slaughtered and processed for meat.

Extent of publicity of his/ her innovations/ contributions/ success stories/ awards/ recognitions won .

This is a success story of Pradeep Shisodia a Man at The Meat Village whose life has been positively impacted. He has not only sustained an income-generating project of chicken rearing, started for them by TMV, but has even managed to become a successful business Man. When one's career is at its peak it takes gumption to hang up the corporate boots. Having climbed the career ladder much faster in life, at age 38 Pradeep Shisodia decided to quit his job in Tourism Industry - where his annual earnings crossed Rs 1 crore - and take the plunge into poultry farming.

The man with a Midas touch is now shining as a poultry farmer.

The poultry farm - The Meat Village - he set up in 2018 with an investment of Rs 5 lakh at a village near Sadarpur, Ghaziabad, Uttar Pradesh, is now yielding an income of Rs 1.2 crore annually.

Pradeep Shishodia breeds varieties of chicken like - Kadaknath or Kali Masi – the black chicken, originally bred by the tribals of Madhya Pradesh but now being increasingly seen in poultry farms across the country.

While business appears to be booming, he seems to have explored only the tip of the iceberg. He estimates that he has been able to meet only five to six percent of the demand in Uttar Pradesh and there is a big market out there waiting to be tapped.

10. Any other relevant information (documentary proofs in the form of photographs, publications, digital media coverage links, certificates, etc.)


स्व0 चौधरी चरण सिंह (भूतपूर्व माo प्रधानमंत्री जी) के जन्मदिवस पर

किसान सम्मान दिवस

दिनांक 23 दिसम्बर 2021

नेशनल मिशन ऑन एग्रीकल्चर एक्सटेंशन एण्ड टैक्नोलॉजी के सब-मिशन ऑन एग्रीकल्चर एक्सटेंशन (आत्मा) योजना वर्ष 2021-22

प्रमाण पत्र

Recognition from the District authority


किसान सम्मान दिवस पर प्रदीप शिशौदिया सम्मानित

Recognition from the State Minister

Visitor at The Meat Village Kiosk

Mr. Pradeep Shishodia facilitate the delegates

Mr.Pradeep describe about The Meat Village

Shri Narendra Singh Tomar, Hon'ble Minister of Agriculture

कड़कनाथ–सूप से कोविड में फायदा!

मध्यप्रदेश कृषि विज्ञान केंद्र ने मेडिकल कौंसिल को लिखा

Kadaknath clipping in daily news

स्वर्गीय चौधरी चरण सिंह के जन्मदिवस पर किसान सम्मान दिवस का आयोजन

मुर्गीपालन में प्रथम स्थान पाए प्रदीप शिशोदिया सम्मानित

Delegation visit at TMV Kiosk

Training, Workshops, Farmers Visit at The Meat Village

Mr. Pradeep Shishodia at The Meat Village Kiosk

Mr. Pradeep Shishodia shows the Kadaknath speciality

Government officials, Krishi Vigyan Kendra, Ghaziabad visit at The Meat Village - Kadknath Kiosk

XIX Achievement of Special programmes

1) Achievement of skill development training funded by DAC&FW

S. No.	SubSector*	QP Name *	Duration (hrs)	No. of Courses Organized	No. of Participants					
					SCs/STs		Others		Total	
					Male	Female	Male	Female	Male	Fem
1	Agriculture Crop Production	Jute and Mesta Cultivator	200							
2	Agriculture Crop Production	Vineyard Grower	200							
3	Agriculture Crop Production	Honey Bee Farmer	**210**	**1**	**2**	**0**	**23**	**0**	**25**	
4	Agriculture Crop Production	Makhana Grower cum Processor	200							
5	Agriculture Crop Production	Temperate Fruit Grower (Options: Apple / Pear, Peach and Plum / Kiwi)	200							
6	Agriculture Crop Production	Orchard Worker (Options: Trainer-Pruner / Machine Operator – Landscape)	200							
7	Agriculture Crop Production	Vegetable Grower	200							
8	Agriculture Crop Production	Spice Crop Cultivator (Electives: Herbal Spices/Seed Spices/Tree Spices/Rhizomatous Spices/Oil Yielding Spices/Pod (Cardamom) Spices)	200							
9	Agriculture Crop Production	Nursery Worker	200							
10	Agriculture Crop Production	Essential Oil Extractor	200							
11	Agriculture Crop Production	Power Tiller Operator	200							
12	Agriculture Crop Production	Farm Worker	200							
13	Animal Husbandry	Back Yard Poultry	**210**	**1**	**1**	**0**	**22**	**2**	**23**	**2**
14	Animal Husbandry	Piggery Farmer (Electives: Fattening/ Breeding)	200							

15	Fisheries	Coldwater Aquaculture Farmer	200							
16	Fisheries	Seaweed Cultivator	200							
17	Forestry, Environment and Renewable Energy Management	Timber Grower	200							
18	Forestry, Environment and Renewable Energy Management	Lac Cultivator	200							
19	Agriculture Industries	Ripening Chamber Operator	200							
20	Agriculture Industries	Group Farming Practitioner	200							
21	Agriculture Industries	Agri Commodity Fumigation Operator	200							
22	Agriculture Industries	Plant Tissue Culture Technician	200							
23	Agriculture Crop Production	Flower Handler-Packaging & Palletising	212							
24	Agriculture Crop Production	Tropical/Subtropical Fruit Grower	220							
25	Agriculture Crop Production	Florist	220							
26	Agriculture Crop Production	Service and Maintenance Technician-Farm Machinery	220							
27	Fisheries	Cage Culture Fish Farmer	230							
28	Agriculture Crop Production	Pesticide & Fertilizer Applicator	232							
29	Agriculture Crop Production	Operator-Reaper, Thresher and Crop Residue Machinery	236							
30	Animal Husbandry	Stud Farm Worker	240							
31	Animal Husbandry	Companion Animal Groomer	244							
		TOTAL								

2) Achievements under Crop Residue Management (CRM) Project by KVKs

a) CRM Machinery status of the CRM KVKs

Name of	Name of	No. of demo	Area covere	No. of farme	Result					
					Dem	Chec	Increa	Cost of	Net	B:C

machine	machine procured	conducted	d (ha)	rs covered	o yield (q/ha)	k yield (q/ha)	se in yield %	cultivation (Rs/ha)	return (demo plot)	ratio
Happy Seeder										
Reversible M.B. Plough										
Paddy Straw Chopper/ Shradder / Mulcher										
Zero Till Drill										
Rotavator										
Tractor										
Total										

S.No	Name of the Machine/ Equipment	No. of machines procured
1	Happy Seeder	
2	Reversible M.B. Plough	
3	Paddy Straw Chopper/ Shradder / Mulcher	
4	Zero Till Drill	
5	Rotavator	
6	Tractor	
	Total	

b) IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities	No. of Participants
	Kisan Melas organized		
1.	Awareness programmes conducted at Village Panchayat/ Block/ District Level		
2.	Mobilization of schools and colleges through essay completion, painting, debate etc.		
3.	Demonstration conducted (ha)		
4.	Training Programmes conducted		
5.	Exposure visits organized		

6.	Field /harvest days organized		
	Total		

b) Other IEC activities organized under CRM Project by KVKs

S. No.	Name of IEC activity	No. of activities
1.	Advertisement in Print media	
2.	Column / Articles in newspaper and magazines etc.	
3.	Hoarding fixed (at Mandi/ Road side/Market/ Schools/ Petrol pump/ Panchayat etc.)	
4.	Poster/Banner placed	
5.	Publicity material - leaflets/ pamphlets etc. distributed	
6.	TV programmes/ panel discussions Doordarshan/ DD-Kisan and other private channels	
7.	Wall writing	
	Total	

3) Achievement of TSP (Tribal Sub Plan)

Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities	Production of seed (q)	Production of Planting material (Number in	Production of Livestock strains (Number in	Production of fingerlings (Number in	Testing of Soil, water, plant, manures samples
No. of Trainings/D	No. of Farmers	No. of Trainings/D	No. of Women	No. of Trainings/D	No. of Youths	No. of Trainings/D amps	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro-advisory to						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

4) Achievement of KSHAMTA (Knowledge Systems And Home Based Agricultural Management in Tribal Areas)

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

5 Achievements of SCSP KVKs

Farmer Training		Women Farmer Training		Rural Youths		Extension Personnel		Number of farmers involved			Participants in extension activities (No.)	Production of seed (q)	Production of Planting material	Production of Livestock strains (Number in lakh)	Production of fingerlings (Number in lakh)	Testing of Soil, water, plant, manures
No. of Trainings/Dem	No. of Farmers	No. of Trainings/Dem	No. of Women Farmers	No. of Trainings/Demos	No. of Youths	No. of Trainings/Demos	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro-advisory to farmers						
01	628	01	25			01	32		628		628					

6 Achievement under IFS KVKs

Sl. No.	Component Name	No. of Components established	Area (ha)	Number of Activities		No. of farmers benefited	
				Demo	Training	Demo	Training
1	Composite Fish Farming	3	9	3	2	3	45
2	Poultry	4	2	4	3	4	85
3	Cow Based Natural Farming	2	1	2	6	2	295
4	Nursery	5	2	5	4	5	60

7 Activities performed under NARI programme

Table-7.1: Details of activities performed under NARI programme

Nutritional Garden		Bio-fortified crops		Value addition		Training programmes		Extension 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
10	10	2	50	1	20	**2**	**40**	3	65

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			
	Wheat			
Millet	Finger millet			
	Pearlmillet			
	Sorghum			
Oilseed	Groundnut			
	Mustard			

Pulses	Lentil			
	Lathyras			
Vegetable	Cauliflower	Beta Katke	0.0025	5
Tuber	Sweet Potato			
Total				

8 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	1105	1105		41830	
Water	2	2		60	
Plant					
Manure	4	4		600	
Total	**1111**	**1111**	**0**	**42490**	**1111**

NRM		Crop production		Livestock & Fisheries			Capacity Building		Extension Activities	
Demo	Area (ha)	Demo	Area (ha)	Demo	Area (ha)	No. of animals	No of Courses	Farmers	No. of programmes	Farmers

9) Achievements under NICRA Project

10) Achievements under ARYA Project

Name of entrepreneurial units	No. of entrepreneurial units established	No. of Training programs organised	No. of rural youth trained		No. of youth established units	
			Male	Female	Male	Female
Mushroom production						
Fruits and vegetable processing units,						
Horticulture nursery						
Fish farming						
Poultry						
Goat farming						
Piggery						
Duck farming						
Bee keeping						
Others if any						

11) Achievements under Pulses Seed Hub programme

Season/Crop	Name of Pulse crop	Variety	Production		
			Target (q)	Area sown (ha)	Ac Produ
Kharif	Black gram				
	Green Gram				
	Pigeon pea				
Total (Kharif)					
Rabi	Chick pea				
	Field pea				
	Lentil				
Total (Rabi)					
Summer	Black gram				
Total (Summer)					
Grand Total					

12) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of Programmes	No. of persons paticipated
1	Toilet maintenance		
2	Road, drain cleaning		
3	Garbage disposal		
4	Door to door awareness		
5	Awareness campaign		
6	Nookkad Drama		
7	School Drama		
8	School rally		
9	Writing paining slogans		
10	Composting		
11	Other		
12			
13			

13) Achievements under Aspirational District Scheme

Name of programme	Number
Training	
Session No.	
No. of farmers	

Officers/staff involved	
Seed & Plant Distribution	
Programme number	
Seed distribution in q	
No. of plant distributed	
Biological products distributed	
No. of programme organised	
No. of farmers	
Officers/staff involved	
Animal husbandra & fish distribution programme	
Vaccination	
Medicine for control of parasite	
Distribution of mineral mixure	
No. of farmers	
Officers/staff involved	

14) Awards

S.No.	Name of Award received	Name of KVK/farmer	Year of Award	Date on which award received
1.	**Best Fish Farmer Award (NFDB)**	**Sh. Rajneesh Chaudhary**	**2023**	
2	**SHG Cluster Cluster**	**Smt. Neetu Kundu**	**2023**	
3				
4				
5				

Note: Please also mention name of farmer who received the award.