ANNUAL PROGRESS REPORT

(January-2022 to December-2022)

KRISHI VIGYAN KENDRA GHAZIABAD

Directorate of Extension

SardarVallabhbhai Patel University of Agriculture & Technology, Meerut

PROFORMA FOR PREPARATION OF ANNUAL REPORT (January-2022-December-2022)

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	64	980	306	1286
Rural youths	12	145	35	180
Extension functionaries	22	297	35	332
Sponsored Training	04	152	50	202
Vocational Training	01	14	04	18
Total	**102**	**1574**	**426**	**2000**

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	100	40	
Pulses	81	40	
Cereals	30	12	
Vegetables	15	03	
Other crops	25		25
Hybrid crops			
Total	**251**	**55**	**55**
Livestock & Fisheries	35		130
Other enterprises			
Total	**35**		**35**
Grand Total	**286**	**55**	**90**

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	07	29	29
Livestock	02	08	08
Various enterprises	02	13	13
Total	**11**	**50**	**50**
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	**11**	**50**	**50**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	2075	**10298**
Other extension activities		
Total	**2075**	**10298**

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)	63.7	510000.00
Planting material (No.)	24535	4318
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	594	594	47700.00
Water	Farmers			
Manure	Farmers			
Total		**594**	**594**	**47700.00**

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.2022 to Dec. 2022)

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 31st Dec., 2022)

Sl. No.	Sanctioned post	Name of the incumbent	Design -ation	Discip-line	Pay Scale (Rs.)	Present basic (Rs.) 31.08.2022	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	Smt. Anita Yadav	SMS /Astt.Prof	Home Science		176500.00	29-07-1995	Permanent	OBC	07599089053	53	pranavyadav32@gmail.com
3	Subject Matter Specialist	Dr. Arvind Kumar	Asso Dir/ Asso. Prof.	Plant Protection		152300.00	10-12-2003	Permanent	O.B.C.	09410443028	48	arvindkvk@rediffmail.com
4	Subject Matter Specialist	Dr. Anant Kumar	SMS /Astt.Prof	Horti.		101100.00	23.06.2008	Permanent	SC	09837559055	47	dr.anantkumar1@gmail.com
5	Subject Matter Specialist	Dr. D.K. Sachan	SMS /Astt.Prof	Agronomy		101100.00	27.06.2008	Permanent	OBC	9868258098	56	sachandharmendra66@gmail.com
6	Subject Matter Specialist	Dr. Pramod Kumar	SMS /Astt.Prof	Animal Science		89900.00	23.06.2008	Permanent	OBC	8630295699	50	pramodk201070@rediffmail.com
7	Subject Matter Specialist	Akansha Singh	SMS / T-6	Soil Science		56100	30.08.2022	Permanent	Gen	8127689583	28	dr.akanshasingh16@gmail.com
8	Programme Assistant	**Vacant**										
9	Computer Programmer	Sh. Pushapandra Kr. Rathi	Programme Assistant	Computer		55200.00	26.12.2008	Permanent	OBC	9411477406	43	pushrathi1978@gmail.com
10	Farm Manager	Dr. Rakesh Kumar	Programme Assistant	Plant Breeding		55200.00	24.07.2008	Permanent	Gen	7599151951	55	rakeshnagina@gmail.com
11	Accountant / Superintendent	Sh Praveen Kumar Agarwal	Office Supdt/ Accountant	Accountant		55200.00	26.12.2008	Permanent	Others		43	
12	Stenographer	**Vacant**										
13	Driver	**Vacant**										
14	Driver	Sh. Kanwar Pal	Driver	Driver		33300.00	27-07-2007	Permanent	OBC		42	
15	Supporting staff	Sh. Sanjeev Kumar	Clerk/ disc.	Clerk/ disc.		33300.00	24.07.2007	Permanent	Gen		52	
16	Supporting staff	Sh. Neeraj Kumar Yadav	Peon/Security Gauard			33300.00	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 26.11.2022

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 ployhouse 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. Contact 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 (2022)

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.	Soil type	Characteristics	Area in (ha)

No.		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-16	10.50	42.2	13.0	62
May-16	13.30	42.2	19.5	63
June-16	70.70	40.0	20.0	58
July-16	201.30	35.0	24.0	53
August-16	190.40	36.0	31.0	65
Sept.-16	136.90	36.5	31.5	68
Oct. 16	19.90	28.8	23.0	65
Nov.-16	2.10	22.0	18.0	62
Dec.-16	9.5	18.0	16.0	70
Jan.2017	0.50	16.0	14.0	85
Feb.2017	18.47	22.0	16.0	80
March-2017	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 2022

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	40	50	40	55	100	**286**

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	**70**	64	1400	1286	2000	2075	10000	10298
Rural youth	**15**	12	225	180				
Extn. Functionaries	**15**	22	225	332				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200	63.7		20000	24535	63

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	Evaluation of high yielding variety of tomato Var.- Nagaur	01	03
	Rice	Assesment of adoptability of rice var PB1637 under Ghaziabad condition.	01	05
	Cabbage	Evaluation of high yielding variety of Cabagge Var.- S-92	01	05
Integrated Nutrient Management				
Integrated Pest Management	Rice	Effective management of Brown Plant Hopper in Paddy	01	03
Integrated Crop Management/ Cropping system	wheat	Assesment of adoptability of wheat var DBW-222 under Ghaziabad condition.	01	05
		Assesment of wheat var K1317 under Distt. Ghaziabad condition.	01	05
Integrated Disease Management	Okra	Evaluation of Corogen @ 150ml /ha +Tricho card @100000egg/ ha for management of *fruit borer in Okra*	01	03
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	03
Total			**09**	**42**

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

Tecnology	*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*
Evaluation of high yielding variety of tomato Var.- Nagaur	T1- Local variety (Farmer`s Practice)	**03**	**290**	-	71000	256000.00	185000.00	3.5:1	Variety Nagaur indeterminate variety and high yielding in open condition.	Transplanting in first week of August in western U.P.
	T2- variety - Nagaur.		462	59.30	80500	388200.00	307700.00	4.8:1		
										

OFT:- 2

Tecnology	*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*
Evaluation of high yielding variety of Cabagge Var.- S-92	T1- Local variety (Farmer`s Practice)	**05**	**220**	-	63000.00	198000.00	135000.00	3.1:1	S-92 variety and high yielding in open condition with compact head.	S-92 variety is suitable for different sancks and meals.
	T2- S-92		397.50	39.7	68000.00	276750.00	208750.00	4.0:1		

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		
										

OFT:- 4 –

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 the effective supplementation of fortified wheat flour for improvement of nutritional status of farm women.	T_1- Farmer practice Wheat flour only,(protein 10-11%,iron1.0-1.2mg/100gm.)	*03*							**Result Awaited**	
	T_2- fortified wheat flour(75%+gram flour(20%)+barely flour(5%)for 180 days , protein 14-15%,iron2.0-2.4mg/100gm.)									

INTEGRATED CROP MANAGEMENT

OFT :-5

Technology	***Technology Option***	***No.of trials***	***Yield (q/ha)***	***% Increase in yield over farmer's practice***	***Cost of cultivation (Rs.)***	***Gross income(Rs.)***	***Net Return Rs./ha***	***BC Ratio***	***Technical Feedback***	***Recommend actions***
Assesment of adaptability of wheat var DBW-222 under Ghaziabad condition.	T1-DBW-17 (farmers practice)	05	49	-	57000	122500	65500	2.1:1	Due to high rise in temperature in the month of March ,grain filling adversely affected.	Var.-222 gave higher yield . It has bold seeds so it is better suited in Ghaziabad condition.
	T2- DBW-222		*53.28*	*8.7*	*57500*	*133060*	*75560*	*2.3:1*		

OFT :-6

Technology	*Technology Option*	*No.of trials*	*Yield (q/ha)*	*% Increase in yield over farmer's practice*	*Cost of cultivation (Rs.)*	*Gross income(Rs.)*	*Net Return Rs./ha*	*BC Ratio*	*Technical Feedback*	*Recommend actions*
Assesment of wheat var K1317 under Distt. Ghaziabad condition.	T1-HD-2329 (farmers practice)	05	**Result Awaited**							
	T2- K1317									

OFT:-7

Technology	*Technology Option*	*No.of trials*	*Yield (q/ha)*	*% Increase in yield over farmer's practice*	*Cost of cultivation (Rs.)*	*Gross income(Rs.)*	*Net Return Rs./ha*	*BC Ratio*	*Technical Feedback*	*Recommend actions*
Assesment of adoptability of basmati rice var PB1637 under Ghaziabad condition.	T1 PB-1(farmer practice)	05	*44.11*		*98000*	*188440*	*90440*	*1.92:1*	Heavy infestation of stem borer during milk stage caused heavy loss.	Yield of both variety was foun at par not while PB-1637 has aroma and cooked soft.
	T2- PB1637		*45.67*	*3.5*	*98000*	*194062*	*96062*	*1.98:1*		

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 :-9

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	**Result awiated**			
T-2 - Kadaknath					

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	**Result awiated**			
T-2 - UMMB					

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2022 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	Summer Green gram (CFLD)	ICM	Var. IPM-2-3 with recommended package of agronomic practices .	Trainings,Goshthies,group discussions, Radio/T.V. Talks, Extension literatures and indivisual contacts	21	170	70
3.	Kharif Black gram (CFLD)	ICM	Var. PU-31 with recommended package of agronomic practices.	Trainings,Goshthies,group discussions, Radio/T.V. Talks, Extension literatures and indivisual contacts	08	40	16
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.	Wheat	INM	Balanced use of fertilizers in Wheat 150:80:40:25(N:P:K:Zn)	Rabi-2021-22	4.0	4.0		10	10	
3.										
4.	Lentil (CFLD)	ICM	Var. PL-8 with recommended package of agronomic practices	Rabi 2021-22	20	20		48	48	
5.										
5.	Black gram(CFLD)	ICM	Var. PU-31 with recommended package of agronomic practices	Summer 2022	10	10		10	10	
6.										
5.	Black gram(CFLD)	ICM	Var. PU-31 with recommended package of agronomic practices	Kharif 2022	10	10		22	22	
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												
	Red Cabbage	Rabi 21-22	Irrigated	Loam	L	L	M	Cucumber	02-10.11.2021	10-20.01.2022	60	02
2.	Cauliflower	Kharif 2022	Irrigated	Sandy Loam	L	L	M	Okra	01-15.07.2022	-	480	36

3	Chrysanthemum	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	-	15-12-21	-	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	22-11-21	-	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	Red Cabbage	High demand of Red cabbage in the market of Ghazipur Delhi.
8	Cauliflower	White and compact curd for use of Boron
9	Chrysanthemum	Large and attractive flower variety of White star and gold star
10	Bottle guard	Result awaited.
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)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut																		
Sesamum Kharif-22	ICM	Var.-GJT-5	GJT-5	25	10	4.3	3.4	3.9	3.4	14.7	42200	48750	6550	1.15:1	42000	42500	500	1.01:1
Mustard Rabi 2021-22	ICM	Var.- RH-749	RH-749	25	10	23.4	15.0	17.52	14.6	20	48000	108624	60624	2.3:1	45000	90520	45520	2.0:1
Mustard Rabi 2022-23	ICM	Var.- RH-749	RH-749	50	20	Result Awaited												
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

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Black gram Kharif-22	ICM	Var.- Mukundra Urd-2	Mukundra Urd-2	40	20	10.67	8.30	9.97	8.35	19.4	43950	65802	21852	1.49:1	42100	55110	13010	1.3:1
Lentil Rabi(2022-23)	ICM	Variety	L-4717	41	20	Result Awaited												

* 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 Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Cereals																			
Paddy Kharif-2022	INM	Balanced use of fertilizers in Rice 120:60:60:20:25 (N:P:K:S:Zn)	10	4.0	49.8	41.51	44.95	40.2	11.8			98000	191470	93470	1.95:1	94500	174370	79870	1.95:1
	IPM	Control of stem borer through Tricocard.	10	4.0	42.5	40.5	41.5	36.5	13.7	04	12	97500	160500	63000	1.6:1	94600	136000	41400	1.4:1
Wheat																			
Wheat Rabi2021-22	INM	Balanced use of fertilizers in Wheat 150:60:40:30:25 (N:P:K:S:Zn)	10	4.0	**Could not be conducted due to unavalibilty of critical Inputs.**														
Wheat																			
	IPM	Seed treatment through vitavax 75 WP@ 3g/kg seeds+ Spray of Tabuconazole 0.1%	10	4.0	62.2	54.2	58.2	42.6	14.9	05 leafs/ plant	09 leafs afected/plant	29500	90125	60625	3.0:1	24590	49339	24759	2.02:1
Wheat																			
Wheat Timely sown																			

Wheat Late Sown																		
Mandua																		
Barley																		
Maize																		
Amaranth																		
Millets																		
Jowar																		
Bajra																		
Barnyard millet																		
Finger millet																		
Vegetables																		
Red Cabbage																		
Cauliflower	INM	Boron	5	1.0	252.5	226.5	239.5	191.0	25.3	White curd	Ofwhite curd	**66500**	**263450**	196950	3.9:1	16100	200550	136450	3.1:1
Spongegourd																		
Bottle guard	INM	Potash 60kg/ha	5	1.0	**319.0**	**286.0**	**302.5**	**265.0**	**14.1**	**Fruits attractive**	**No shining**	**67000**	**2416000**	**174600**	**3.6:1**	**65000**	**212000**	**147000**	**3.2:1**
Petha																		
Tomato																		
Frenchbean																		

Capsicum																			
Chilli																			
Brinjal																			
Vegetable																			
Softgourd																			
Okra	VE	**High yielding Var. grren challenger**	05	1.0	148.4	135.6	142.0	112.5	26.22	**Fruits attractive**	**No shining**	65000	213000	148000	3.2:1	63000	168750	105750	2.6:1
Colocasia (Arvi)																			
Broccoli																			
Cucumber																			
Onion																			
Coriender																			
Lettuce																			
Cabbage																			
Elephant fruit																			
Flower crops																			
Chrysanthemum																			
Bela																			
Tuberose																			
Merigold																			
Fruit crops																			
Mango																			
Strawberry																			

Guava																		
Banana																		
Papaya																		
Muskmelon																		
Watermelon																		
Spices & condiments																		
Ginger																		
Garlic																		
Turmeric																		
Commercial Crops																		
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

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
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																

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)
Nutrition Garden -2022	House hold food security by kitchen gardening and nutrition gardening.	Improved variety seed and vermicompost.	20	20	70	25	180	Improved quality of vegetables	Poor quality	250	525	275	1:2	250	750	500	1:3
Value Addition (Kharif-2022)	House hold food security by kitchen gardening and nutrition gardening.	Achar Making .	5	5				6 month Shelf life Good aroma	3 month Shelf life Poor aroma	100	350	250	1:3				

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. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	1	18		18	2		2	20	0	20
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management	2	39		39	1		1	40	0	40
Soil & water conservatioin										
Integrated nutrient management	1	20		20			0	20	0	20
Production of organic inputs										
Others (pl specify)										
Total	**4**	**77**	**0**	**77**	**3**	**0**	**3**	**80**	**0**	**80**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	1	15		15	6		6	21	0	21
Off-season vegetables				0			0	0	0	0
Nursery raising	1	6	12	18		2	2	6	14	20
Exotic vegetables				0			0	0	0	0
Export potential vegetables	1	17		17	3		3	20	0	20
Grading and standardization	1	14	3	17	3		3	17	3	20
Protective cultivation	1	12		12	8		8	20	0	20
Others (pl specify)				0			0	0	0	0
Total (a)	5	64	15	79	20	2	22	84	17	101
b) Fruits										
Training and Pruning				0			0	0	0	0
Layout and Management of Orchards				0			0	0	0	0
Cultivation of Fruit	1	12	4	16	4		4	16	4	20
Management of young plants/orchards	1	19		19	1		1	20	0	20
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)				0			0	0	0	0
Total (b)	2	31	4	35	5	0	5	36	4	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 (Cultivation technique of Marigold)				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	1	13		13	7		7	20	0	20
Processing and value addition				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total (f)	1	13	0	13	7	0	7	20	0	20
g) Medicinal and Aromatic Plants										
Nursery management				0			0	0	0	0
Production and management technology				0			0	0	0	0
Post harvest technology and value addition				0			0	0	0	0
Others (Introduce of Medicinal and Aromatic Plants)				0			0	0	0	0
Total (g)	0	0	0	0	0	0	0	0	0	0
GT (a-g)	**8**	**108**	**19**	**127**	**32**	**2**	**34**	**140**	**21**	**161**
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management	2	28	4	32	8		8	36	4	40
Poultry Management	1	16		16	4		4	20	0	20
Piggery Management				0			0	0	0	0
Rabbit Management				0			0	0	0	0
Animal Nutrition Management	2	28	4	32	8		8	36	4	40
Disease Management	1	15	3	18	2		2	17	3	20
Feed & fodder technology	4	52	6	58	4	18	22	56	24	80
Production of quality animal products				0			0	0	0	0
Others (pl specify)	3	40	8	48	3	9	12	43	17	60
Total	**13**	**179**	**25**	**204**	**29**	**27**	**56**	**208**	**52**	**260**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	1		16	16		4	4	0	20	20
Design and development of low/minimum cost diet				0			0	0	0	0
Designing and development for high nutrient efficiency diet				0			0	0	0	0
Minimization of nutrient loss in processing	2		32	32		8	8	0	40	40
Processing and cooking				0			0	0	0	0
Gender mainstreaming through SHGs				0			0	0	0	0
Storage loss minimization techniques	1		17	17		3	3	0	20	20
Value addition				0			0	0	0	0
Women empowerment				0			0	0	0	0
Location specific drudgery reduction technologies				0			0	0	0	0
Rural Crafts				0			0	0	0	0
Women and child care	2		32	32		8	8	0	40	40
Others (pl specify)				0			0	0	0	0
Total	**6**	**0**	**97**	**97**	**0**	**23**	**23**	**0**	**120**	**120**
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										
Integrated Pest Management	4	68		68	12		12	80	0	80
Integrated Disease Management				0			0	0	0	0
Bio-control of pests and diseases	2	36	0	36	4		4	40	0	40
Production of bio control agents and bio pesticides				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	**6**	**104**	**0**	**104**	**16**	**0**	**16**	**120**	**0**	**120**
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	**38**	**483**	**146**	**629**	**80**	**52**	**132**	**563**	**198**	**761**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I) Crop Production										
Weed Management	1	20		20			0	20	0	20
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management	1	20		20			0	20	0	20
Integrated Crop Management	1	18		18	2		2	20	0	20
Soil & water conservatioin										
Integrated nutrient management	3	59		59	1		1	60	0	60
Production of organic inputs										
Others (pl specify)										
Total	**6**	**117**	**0**	**117**	**3**	**0**	**3**	**120**	**0**	**120**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables	1	14		14	6		6	20	0	20
Grading and standardization	1	4	2	6	15		15	19	2	21
Protective cultivation				0			0	0	0	0
Others (INM in Cole Crops)	2	36		36	4		4	40	0	40
Total (a)	4	54	2	56	25	0	25	79	2	81
b) Fruits										
Training and Pruning				0			0	0	0	0
Layout and Management of Orchards	1	19		19	3		3	22	0	22
Cultivation of Fruit	1	18		18	2		2	20	0	20
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	2	37	0	37	5	0	5	42	0	42
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										

Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management	0			0			0	0	0	0
Production and management technology	1	10	2	12	6	4	10	16	6	22
Post harvest technology and value addition										
Others (pl specify)										
Total (g)	1	10	2	12	6	4	10	16	6	22
GT (a-g)	**7**	**101**	**4**	**105**	**36**	**4**	**40**	**137**	**8**	**145**
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management	1	16		16	4		4	20	0	20
Poultry Management				0			0	0	0	0
Piggery Management				0			0	0	0	0
Rabbit Management				0			0	0	0	0
Animal Nutrition Management	1	15		15	5		5	20	0	20
Disease Management				0			0	0	0	0
Feed & fodder technology	1	14		14	6		6	20	0	20
Production of quality animal products				0			0	0	0	0
Others (pl specify)	1	18		18	2		2	20	0	20
Total	**4**	**63**	**0**	**63**	**17**	**0**	**17**	**80**	**0**	**80**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	1		15	15		5	5	0	20	20
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care	4		71	71		9	9	0	80	80
Others (pl specify)										
Total	**5**	**0**	**86**	**86**	**0**	**14**	**14**	**0**	**100**	**100**
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										
Integrated Pest Management	1	14		14	6		6	20	0	20
Integrated Disease Management	2	34		34	6		6	40	0	40
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)	1	18		18	2		2	20	0	20
Total	**4**	**66**	**0**	**66**	**14**	**0**	**14**	**80**	**0**	**80**
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	**26**	**347**	**90**	**437**	**70**	**18**	**88**	**417**	**108**	**525**

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

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	2	38	0	38	2	0	2	40	0	40
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management	1	20	0	20	0	0	0	20	0	20
Integrated Crop Management	3	57	0	57	3	0	3	60	0	60
Soil & water conservatioin										
Integrated nutrient management	4	79	0	79	1	0	1	80	0	80
Production of organic inputs										
Others (pl specify)										
Total	**10**	**194**	**0**	**194**	**6**	**0**	**6**	**200**	**0**	**200**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	1	15	0	15	6	0	6	21	0	21
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	1	6	12	18	0	2	2	6	14	20
Exotic vegetables										
Export potential vegetables	2	31	0	31	9	0	9	40	0	40
Grading and standardization	2	18	5	23	18	0	18	36	5	41
Protective cultivation	1	12	0	12	8	0	8	20	0	20
Others (INM in Cole Crops)	2	36	0	36	4	0	4	40	0	40
Total (a)	9	118	17	135	45	2	47	163	19	182
b) Fruits										
Training and Pruning										
Layout and Management of Orchards	1	19	0	19	3	0	3	22	0	22
Cultivation of Fruit	2	30	4	34	6	0	6	36	4	40
Management of young plants/orchards	1	19	0	19	1	0	1	20	0	20
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	4	68	4	72	10	0	10	78	4	82
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (Cultivation technique of marigold)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology	1	13	0	13	7	0	7	20	0	20

Processing and value addition										
Others (pl specify)										
Total (f)	1	13	0	13	7	0	7	20	0	20
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology	1	10	2	12	6	4	10	16	6	22
Post harvest technology and value addition										
Others (Introduction of Medicinal and Aromatic Plants)										
Total (g)	1	10	2	12	6	4	10	16	6	22
GT (a-g)	**15**	**209**	**23**	**232**	**68**	**6**	**74**	**277**	**29**	**306**
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management	3	44	4	48	12	0	12	56	4	60
Poultry Management	1	16	0	16	4	0	4	20	0	20
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	3	43	4	47	13	0	13	56	4	60
Disease Management	1	15	3	18	2	0	2	17	3	20
Feed & fodder technology	5	66	6	72	10	18	28	76	24	100
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	4	58	8	66	5	9	14	63	17	80
Total	**17**	**242**	**25**	**267**	**46**	**27**	**73**	**288**	**52**	**340**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	2	0	31	31	0	9	9	0	40	40
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing	2	0	32	32	0	8	8	0	40	40
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques	1	0	17	17	0	3	3	0	20	20
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care	6	0	103	103	0	17	17	0	120	120
Others (pl specify)										
Total	**11**	**0**	**183**	**183**	**0**	**37**	**37**	**0**	**220**	**220**
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										
Integrated Pest Management	5	82	0	82	18	0	18	100	0	100
Integrated Disease Management	2	34	0	34	6	0	6	40	0	40
Bio-control of pests and diseases	2	36	0	36	4	0	4	40	0	40
Production of bio control agents and bio pesticides										
Others (pl specify)	1	18	0	18	2	0	2	20	0	20
Total	**10**	**170**	**0**	**170**	**30**	**0**	**30**	**200**	**0**	**200**
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	**64**	**830**	**236**	**1066**	**150**	**70**	**220**	**980**	**306**	**1286**

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

Area of training	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	1	11		11	4		4	15	0	15
Training and pruning of orchards				0			0	0	0	0
Protected cultivation of vegetable crops	1	10		10	5		5	15	0	15
Commercial fruit production				0			0	0	0	0
Integrated farming	1	13		13	2		2	15	0	15
Seed production				0			0	0	0	0
Production of organic inputs	1	15		15			0	15	0	15
Planting material production	1	13		13	2		2	15	0	15
Vermi-culture				0			0	0	0	0
Mushroom Production	1	12		12	3		3	15	0	15
Bee-keeping	1	13		13	2		2	15	0	15
Sericulture	0			0			0	0	0	0
Repair and maintenance of farm machinery and implements	0			0			0	0	0	0
Value addition	2		20	20		10	10	0	30	30
Small scale processing	0			0			0	0	0	0
Post Harvest Technology				0			0	0	0	0
Tailoring and Stitching				0			0	0	0	0
Rural Crafts	0			0			0	0	0	0
Production of quality animal products	0			0			0	0	0	0
Dairying	1	11		11	4		4	15	0	15
Sheep and goat rearing				0			0	0	0	0
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	1	10	3	13	2		2	12	3	15
Ornamental fisheries	0			0			0	0	0	0
Composite fish culture	1	11	2	13	2		2	13	2	15
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) Entrepreneurship development	0			0			0	0	0	0
TOTAL	**12**	**119**	**25**	**144**	**26**	**10**	**36**	**145**	**35**	**180**

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

Area of training	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)

Area of training	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	1	11		11	4		4	15	0	15
Training and pruning of orchards				0			0	0	0	0
Protected cultivation of vegetable crops	1	10		10	5		5	15	0	15
Commercial fruit production				0			0	0	0	0
Integrated farming	1	13		13	2		2	15	0	15
Seed production				0			0	0	0	0
Production of organic inputs	1	15		15			0	15	0	15
Planting material production	1	13		13	2		2	15	0	15
Vermi-culture				0			0	0	0	0
Mushroom Production	1	12		12	3		3	15	0	15
Bee-keeping	1	13		13	2		2	15	0	15
Sericulture	0			0			0	0	0	0
Repair and maintenance of farm machinery and implements	0			0			0	0	0	0
Value addition	2		20	20		10	10	0	30	30
Small scale processing	0			0			0	0	0	0
Post Harvest Technology				0			0	0	0	0
Tailoring and Stitching				0			0	0	0	0
Rural Crafts	0			0			0	0	0	0
Production of quality animal products	0			0			0	0	0	0
Dairying	1	11		11	4		4	15	0	15
Sheep and goat rearing				0			0	0	0	0

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	1	10	3	13	2		2	12	3	15
Ornamental fisheries	0			0			0	0	0	0
Composite fish culture	1	11	2	13	2		2	13	2	15
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)	0			0			0	0	0	0
TOTAL	**12**	**119**	**25**	**144**	**26**	**10**	**36**	**145**	**35**	**180**

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

Area of training	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	4	61		61			0	61	0	61
Integrated Pest Management	3	40		40	5		5	45	0	45
Integrated Nutrient management	2	30		30			0	30	0	30
Rejuvenation of old orchards	1	12		12	3		3	15	0	15
Protected cultivation technology				0			0	0	0	0
Production and use of organic inputs				0			0	0	0	0
Care and maintenance of farm machinery and implements				0			0	0	0	0
Gender mainstreaming through SHGs				0			0	0	0	0
Formation and Management of SHGs				0			0	0	0	0
Women and Child care	1	12		12	3		3	15	0	15
Low cost and nutrient efficient diet designing			0	0			0	0	0	0
Group Dynamics and farmers organization				0			0	0	0	0
Information networking among farmers				0			0	0	0	0
Capacity building for ICT application				0			0	0	0	0
Management in farm animals	1	13	2	15			0	13	2	15
Livestock feed and fodder production	1	12		12	3		3	15	0	15
Household food security	0			0			0	0	0	0
Any other (pl.specify)	2	25		25	5		5	30	0	30
TOTAL	**15**	**205**	**2**	**207**	**19**	**0**	**19**	**224**	**2**	**226**

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

Area of training	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	1	15	0	15		0	0	15	0	15
Integrated Pest Management	2	28		28	2		2	30	0	30
Integrated Nutrient management				0			0	0	0	0
Rejuvenation of old orchards				0			0	0	0	0
Protected cultivation technology	1	15		15			0	15	0	15
Production and use of organic inputs				0			0	0	0	0
Care and maintenance of farm machinery and implements				0			0	0	0	0
Gender mainstreaming through SHGs				0			0	0	0	0
Formation and Management of SHGs				0			0	0	0	0
Women and Child care	2		30	30			0	0	30	30
Low cost and nutrient efficient diet designing				0			0	0	0	0
Group Dynamics and farmers organization				0			0	0	0	0
Information networking among farmers				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
Livestock feed and fodder production	1	12	3	15	1		1	13	3	16
Household food security				0			0	0	0	0
Any other (pl.specify)	0			0			0	0	0	0
TOTAL	**7**	**70**	**33**	**103**	**3**	**0**	**3**	**73**	**33**	**106**

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

Area of training	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	5	76	0	76	0	0	0	76	0	76
Integrated Pest Management	5	68	0	68	7	0	7	75	0	75
Integrated Nutrient management	2	30	0	30	0	0	0	30	0	30
Rejuvenation of old orchards	1	12	0	12	3	0	3	15	0	15
Protected cultivation technology	1	15	0	15	0	0	0	15	0	15
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
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	3	12	30	42	3	0	3	15	30	45
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	1	13	2	15	0	0	0	13	2	15
Livestock feed and fodder production	2	24	3	27	4	0	4	28	3	31
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	2	25	0	25	5	0	5	30	0	30
TOTAL	**22**	**275**	**35**	**310**	**22**	**0**	**22**	**297**	**35**	**332**

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops										
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)	4	146	28	174	6	22	28	152	50	0

Total	**4**	**146**	**28**	**174**	**6**	**22**	**28**	**152**	**50**	**202**
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	**4**	**146**	**28**	**174**	**6**	**22**	**28**	**152**	**50**	**202**

Name of sponsoring agencies involved

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
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	1	12	3	15	2	1	3	14	4	18
Sheep and goat rearing				0			0	0	0	0
Piggery				0			0	0	0	0
Poultry farming				0			0	0	0	0
Others (pl. specify)				0			0	0	0	0
Total	**1**	**12**	**3**	**15**	**2**	**1**	**3**	**14**	**4**	**18**
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	**1**	**12**	**3**	**15**	**2**	**1**	**3**	**14**	**4**	**18**

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	1630	1630	125	1755
Diagnostic visits	137	137		137
Field Day	6	83		83
Group discussions	32	465	35	500
Kisan Ghosthi	18	572	38	610
Film Show	2	296	8	304
Self -help groups	10	315	16	331
Kisan Mela `	7	3650	94	3744
Exhibition	4	1125	110	1235
Scientists' visit to farmers field	165	165		165
Plant/**animal health camps**				0
Farm Science Club	2	40	2	42
Ex-trainees Sammelan	1	72	15	87
Farmers' seminar/workshop	3	143	8	151
Method Demonstrations	32	32	4	36
Celebration of important days	3	155	12	167
Special day celebration	2	172	18	190
Exposure visits	4	245	4	249
Other	17	490	22	512
Total	**2075**	**9787**	**511**	**10298**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD) / youtube	05
Extension Literature	03
News paper coverage	16
Popular articles	14
Radio Talks	03
TV Talks	05
Animal health camps (Number of animals treated)	
Others (pl. specify)/ Digital Poster	03
Total	**49**

Mobile Advisory Services

No. of KVKs	No. of SMSs sent	No. of farmers benefited
01	**88**	**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-1509		19.3	100000	Supplied to NSC
Oilseeds	Mustard	Pant Sweta		48	**410000**	Supplied to NSC
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						-
Others						
Green Manuring						
Total				**67.3**	**510000.00**	

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	Bringal	Nav kiran	275	137	8
	Chilly	Pari hot / Armer	1010	505	6
	Tomato	Pusa Rubi	1815	908	16
	Cabbage	S-92	4080	1020	16
	Capsicum				
	Cauliflower	Pusa Agheni	785	393	7
	Onion	Bhima/ Nasik Red	16500	1320	7
	Broccoli		70	35	3
	Papaya				
Ornamental plants	*Ficus benajamina*				
	Marigold	Pusa Narangi	4330	1082	10
	Poppy				

	Calendula				
	Hollyhock				
	Sweet Alyssum				
	Chrysanthemum				
Medicinal and Aromatic	Aloe vera				
Plantation	Popular				
Total			**28865**	**5400**	**73**

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)				
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	**594**	**594**	**55**	**47700**
Water				
Plant				
Manure				
Others (Warmi Wash)				
Total	**594**	**594**	**55**	**47700**

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted
KVK Ghaziabad	1(on 26.11.22)

IX. NEWSLETTER

Name of News letter	No. of Copies printed for distribution

X. PUBLICATIONS

Category	Number
Research Paper	04
Technical bulletins	
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.)
-	-	-	-	-

Special Awareness / Programmes

Natural Farming Report

S.N	Programme	Date	Place	Participants
1	Farmers Training	16.12.2022	KVK	20
2	Farmers Training	03.02.2022	KVK	22
3	Farmers Training	07.02.2022	Mohamad Kadim	20
4	Women farmer visit	08.03.2022	KVK	65

5	Kisan Gosthi	14.03.2022	KVK	282
6	Kisan Gosthi and Exibition	05.05.2022	KVK	504
7	Interaction and Awareness	09.05.2022	KVK	42
8	DD Kisan Chopal	24.01.2022	Kanoja	56
9	DD Kisan Chopal	13.03.2022	Kallughari	34
10	Demostration on Farmers field	23.02.2022	Dasna Dehat	15
11	EF Training	18.08.2022	DD Office , Ghaziabad	31

Kharif Awareness Report

S.N	Programme	Date	Place	Participants
1	Kharif Awareness	13.04.22	NoorPur	26
2	Kharif Awareness	14.04.22	Telhata	13
3	Kharif Awareness	16.04.22	Kallu Ghari	18
4	Kharif Awareness	18.04.22	Muradgram	38
5	Kharif Awareness	19.04.22	KVK	26
6	Kharif Awareness	20.04.22	Patla	34
7	Kharif Awareness	21.04.22	KVK	40
8	Kharif Awareness/ Kisan Mela and Exibition	26.04.22	KVK	256
9	Kharif Awareness / Kisan Mela and Exibition	05.05.22	KVK	465
10	Kharif Awareness	06.05.22	Pursi	24
11	Kharif Awareness	07.05.22	Kanoja	21
12	Kharif Awareness	08.05.22	Dhenda	16
13	Kharif Awareness	09.05.22	Chitoda	20
14	Kharif Awareness	15.05.22	Jalalabad	10

Progress Report of Independence Week (11-17 August-2022) under Azadi ka Mahotsav

S.N	Date	Event / Programme	Place	No. of participants	Photo
1.	11.08.22	Tiraga rally quiz competition & Jhanda Gaan	Adarsa Inter college, Pursi	81	
2	12.08.22	Awareness through farmers meeting	Muradnagar	53	

3	13.08.22	Tree Plantation	KVK, Campus	25	
4	14.08.22	Tiranga compaign and exposure visit	KVK, Campus	78	
5	15.08.22	Flag Hosting , Distribution of Jhanda, Sapling , Certificates and training	KVK, Campus	108	
6	16.08.22	Critical Input distribution	KVK, Campus/ Sultanpur	17	
7	17.08.22	Awareness camp &visit	Dhuai	25	

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

हेन्द आत्मा संवाददाता

गाजियाबाद। पूर्व प्रधानमंत्री स्वर्गीय चौधरी चरण सिंह के जन्मदिवस पर किसान सम्मान दिवस का आयोजन कृषि विभाग द्वारा हिंदी भवन लोहिया नगर गाजियाबाद में जिला पंचायत ठाकुर ममता त्यागी की अध्यक्षता किया गया।

कार्यक्रम के मुख्य अतिथि प्रदेश मंत्री अतुल गर्ग द्वारा प्रदर्शनी का उद्घाटन किया गया इसके बाद सभागार में लोगों को संबोधित करते हुए उन्होंने कहा कि किसानों के लिए प्रदेश एवं केंद्र सरकार विभिन्न कृषि यंत्रों एवं उपकरणों पर अनुदान के माध्यम से उन्नत कृषि करने के लिए पूर्ण प्रयत्नशील है।डीएम एजेंद्र कुमार सिंह एवं एसएसपी अखंड कुमार ने चौधरी चरण सिंह के चित्र पर पुष्पांजलि अर्पित की सीडीओ अभिमान्यु लाल द्वारा कृषकों को नवीनतम जानकारी देकर लाभान्वित किया गया। इस अवसर पर नेशनल मिशन ऑन एग्रीकल्चर एक्सटेंशन एण्ड टैक्नोलॉजी के सब - मिशन ऑन एग्रीकल्चर एक्सटेंशन (आत्मा) योजना वर्ष 2021-22 के लिए लाल क्वार्टर निवासी प्रदीप सिशौदिया को जनपद गाजियाबाद में वर्ष 2020 में मुर्गी पालन में जनपद में प्रथम स्थान प्राप्त किया।

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 कॉंसिल 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

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

Name of the KVK

TITLE

Introduction

KVK intervention

Output

Outcome

Impact

XIV. AGRICULTURAL TECHNOLOGY INFORMATION CENTRE

A. Details on ATICs

S. No	Name of the ATIC	Name of the Host Institute	Name of the ATIC Manager

B. Details on Farmer's visit

S. No	Purpose of visit	Number of farmer's visited
01	Technology Information	568
02	Technology Products	68
03	Others if any pl. specify	-

C. Facilities in the ATIC which are in operation

S. No	Particulars	Availability (Please √ mark)	Number of ATICs
01	Reception counter		
02	Exhibition / technology museum		
03	Touch screen Kiosk		
04	Cafeteria	yes	
05	Sales counter		
06	Farmer's feedback register	yes	
07	Others if any (please specify)		

D. Technology information provided

D.1. Details on technology information

S. No	Information category	Number of ATICs	Total number of farmers benefitted	Category of information						
				Varieties /	Pest management	Disease management	Agro-techniqu	Soil and water conservation	Post Harvest	Animal

				hybrids			**es**		**technology and Value addition**	**Husbandry and fisheries**
01	Kisan Call Centre / other Phone calls from farmers									
02	Video shows									
03	Letters received									
04	Letters replied									
05	Training to farmers / technocrats / students									
06	Others pl. specify									

D.2 . Publications (Print & Electronic media)

S. No	Particulars	Number sold	Revenue generated in Rs.	Number of farmers benefited
01	Books			
02	Technical bulletins			
03	Technology Inventory			
04	CDs			
05	DVDs			
06	Video films			
07	Audio CDs			
08	Others if any (please specify)			

E. Technology Products provided

S. No	Particulars	Quantity	Unit of quantity	Value in Rs.	Number of farmers benefited
01	Seeds		Quintal		
02	Planting materials		Numbers		
03	Livestock		Numbers		
04	Poultry birds		Numbers		
05	Bio-products		Quintals		
06	Others pl. specify				

F. Technology services provided

S. No	Particulars	Number of farmers benefited
01	Soil and water testing	
02	Plant diagnostics	
03	Details about the services to line Departments	
04	Others if any (please specify)	

XV. TECHNOLOGICAL BACKSTOPPING BY DIRECTORATES OF EXTENSION

States covered:

Number of Directorates of Extension:

A. Details on Directors of Extension

S. No	Name of the SAU	Name of the Director of Extension	Number of KVKs for which technological backstopping is provided					
			SAU/CAU	DU	ICAR	NGO	SDA	Others (pl. specify)

B. Workshops / meetings organized

. No.	Details of workshop/meeting conducted	No. of KVKs participated
1.	Zonal workshop	

C. Visits made by DE / Officials in the Directorate to KVKs

S. No.	Particulars	Number of visits
01	SAC meetings	01
02	Field days	-
03	Workshops / seminars	-
04	Technology week	-
05	Training programmes	-
06	Others pl. specify	02

D. Overseeing of KVKs activities

S. No.	Particulars	Number of fields visited	Major observations / remarks	Major suggestions given
01	On Farm Trials	56	To monitoring the KVK`s activities	
02	Front Line Demonstration	69	To study the performance of crop with respect to diseases, growth and yield parameters etc. To monitor the health of animal regarding the calf mortality, infertility problem and other physiological abnormalities among the animal cause by different diseases. To monitor the crop health, diagnosis of diseases in crop, problem of white grub. To study the soil health regarding salinity, alkalinity and fertility status of soil.	Having found out of disease the a proper solution was given to so many farmers to control the problem.Miniral mixture was advised to over come the problem of infertility. Green manuring and application of FYM etc.were suggested to maintain the soil health and they were also suggested to go for balanced use of fertilizer on the basis of soil testing.To control the white grub the use of *beubaria bassiyana*
03	Others pl. specify			

E. Publication on Technology inventory

S. No.	Particulars	Number
01	Directorates published the technological inventory	-
02	Directorates constantly updating the technological inventory	-

F. Technological Products provided to KVKs

S. No.	Major technologies provided	Number of KVKs
01	Seeds	
02	Planting materials	
03	Bio-products	
04	Livestock breed	
05	Livestock products	
06	Poultry breed	
07	Poultry products	
08	Others pl. specify	