

KRISHI VIGYANKENDRA-MUZAFFARNAGAR-I

ANNUAL REPORT (January- December 2022)

APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	63	938	320	1258
Rural youths	7	50	55	105
Extension functionaries	17	150	40	190
Sponsored Training	09	242	122	364
Vocational Training	01	22	03	25
Total	97	1402	540	1942

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	75	30.0	--
Pulses	50	20.0	--
Cereals	75	30.0	--
Vegetables	--	--	--
Flower	--	--	--
Other Crops	10	1.33	--
Fruits	--	--	--
Total	235	81.33	--
Livestock & Fisheries	10	--	10
Other enterprise- H.Sc	20	--	20
Total	30	0	30
Grand Total	265	81.33	30

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	3	9	9
Livestock	1	10	10
Other enterprises	4	21	21
Total	8	40	40
Technology Refined			
Crops	--	--	--
Livestock	--	--	--
Various enterprises	--	--	--
Total	--	--	--
Grand Total	8	40	40

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	233	9150
Other extension activities	35	600
Total	268	9750

4. Mobile Advisory Services

55 Message Type	Type of Messages						Total
	Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	
Text only	--	--	--	--	--	--	--
Voice only	900	100	40	60	250	407	1757
Voice & Text both	--	--	--	--	--	--	--
Total Messages	900	100	40	60	250	407	1757
Total farmers Benefitted	900	100	40	60	250	407	1757

5. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	--	--
Planting material (No.)	15000	--
Bio-Products (kg)	1000 qt	6225.00
Honey Processing (Kg)	--	--
Fishery production (No.)	--	--

6. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil- Macro/Micro Nutrient	238	35000.00
Soil Health Card Issued	238	
Total – Soil Health Card		

7. HRD and Publications

Sr. o.	Category	Number
1	Workshops	--
2	Conferences	--
3	Meetings	05
4	Trainings for KVK officials	05
5	Visits of KVK officials	02
6	Book published	--
7	Training Manual	--
8	Book chapters	02
9	Research papers	01
10	Lead papers	--
11	Seminar papers	04
12	Extension folder/ Tech Card	07
13	Proceedings	01
14	Award & recognition	01
15	On going research projects	01

PROGRESS REPORT

(January to December 2022)

1. General Information about the KVK

1.1. Name and address of the KVK

Address	Telephone		E-Mail
	Office	FAX	
SWAMI KALYAN DEV KRISHI VIGYAN KENDRA, BAGHRA, DISTT.- MUZAFFARNAGAR (U.P.) PIN- 251306	8266855801		kvkmuzaffarnagar@gmail.com muzaffarnagarkvk@gmail.com

1.2. Name and address of the host organization

Address	Telephone		E-Mail
	Office	FAX	
DIRECTORATE OF EXTENSION S.V.P.Univ. of Agril. & Tech., Meerut.	0121- 2888511	0121- 2888505 2888540	deesvpuat2014@gmail.com

1.3. Name of the Professor & Head

Name	Telephone/ Contact		E-Mail
	Residence	Mobile	
Dr. Savita Arya	--	8266855801	kvkmuzaffarnagar@gmail.com muzaffarnagarkvk@gmail.com

1.4 . Year of Sanction

: December 1995

Location



KVK BAGHRA, MUZAFFARNAGAR, WESTERN PLAIN ZONE (UP)

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

S. No	Sanctioned Post	Name of incumbent	Designation	Discipline	Pay Scale Present Grade Pay	Date of Joining	Category
1.	SMS/Officer Incharge	Dr. Savita Arya	SMS/Asstt. Prof.	Home Science	37400-67000 9000	08.03.96	OBC
2.	SMS	Dr. Virendra Singh	SMS/Asstt. Prof.	Plant Protection	15600-39100 8000	26.12.08	OBC
3.	SMS	Dr. Deepak Sharma	SMS	Livestock Producion	15600-39100 5400	02.07.22	GEN
4.	SMS	Dr. Reena	SMS	Agronomy	15600-39100 5400	07.07.22	SC
5.	Computer Programmer	Sh. A.K Singh	Programme Asstt.,Comp	Computer Application	9300-34800 4800	16.10.99	GEN
6.	Acctt./ Suptd	Sh. S.K.Dubey	O.S/Acctt.	--	9300-34800 4600	01.07.92	GEN
7.	Supporting Staff	Sh. Ajesh Sharma	Attendant	--	4440-7440 2400	16.01.95	GEN

1.6. Total land with KVK (in ha) : 0.70 ha.

S.No	Item	Area (ha)
1.	Under Building	0.20
2.	Under Demonstration Units	0.50

1.7. Infrastructure Development :

A). Building

S. No.	Name of the building	Source of fund	Stage		
			Complete		
			Completion date	Plinth area in Sqm.	Sanctioned budget (Rs)
1.	Administrative Building	ICAR	March 1998	510 sqm	15.84 lac
2.	Farmers Hostel	ICAR	31.03.10	300	---
3.	Staff Quarters (6)	ICAR	31.03.08	400 sqm	26.71 lac
4.	Demonstration Unit (2)	ICAR	31.03.08	160 sqm	11.58 lac

B). Vehicles

Type of Vehicle	Year of Purchase	Cost (Rs.)	Total KMS Run	Present Status
Jeep UP12 S 2012	2009	507000.00	217498 KM	Auctioned
Tractor	1996	261685.00	--	Transferred to KVK Shamli
Bicycle	1995	2390.00	--	Auctioned
Motorcycle (Hero Honda-UP 12 W 9367)	2010	52000.00	31430 Km	Working

c). Equipments & AV Aids

Name of Equipment	Year of Purchase	Cost (Rs.)	Present Status
Equipments			
Weighing Balance with weight	20.05.98	505.00	Working
Sewing Machine	06.02.98	268.00	Working
P.A. Set	30.03.98	6327.00	Working
Water Tank	30.06.97	6200.00	1 Working
Diesel Engine with Alternator	30.03.98	19931.00	Working
Generator	24.03.04	28900.00	Working
Submercible T/Well	31.03.05	35500.00	Working
Soil Testing Laboratory (Furniture, Equipment complete accessories)	2004-05	860000.00	Working
V.C.D.	26.03.04	2450.00	Working
Camera	26.03.04	5800.00	Working
Camera (Digital)	01.02.07	19990.00	Working
Colour T.V.	07.02.04	16990.00	Working
Fax Machine	27.03.04	11000.00	Working
Scanner, C.D. Writer, UPS for Computer	31.03.05	7490.00	Working
Demonstration Material (Digital Poster 10 No., 3 D Models 6 No.)	23.03.04	14570.00	Working
LCD With Memory Card	30.03.07	68125.00	Working
42 CDs (ICAR Literature)	26.10.05	Provided by ICAR	Working
<u>Farm Implements :</u>			
Harrow	30.03.96	8500.00	Condemn
Tiller	30.03.96	10500.00	Working
Ridger	30.03.96	5700.00	Working
Laveller	30.03.96	9000.00	Working
Ridge Maker	30.03.96	4500.00	Working
Bogi	23.09.97	5025.00	Working
Foot Sprayer (Maruti)	14.03.97	1850.00	Working
Napsake Sprayer (Aspee)	14.03.97	865.00	Working
Jubliee Duster (Aspee)	14.03.97	900.00	Working
Harrow (11 disc)	01.08.03	11500.00	Working
Weighing Machine	06.08.04	2880.00	Working
Trolley	30.11.04	61500.00	Working
Zero Till Ferti Seed Drill	30.03.05	22500.00	Working
Raised- bad- planter	31.03.10	55000.00	Working
Soil Micronutrients unit	31.03.10	2480000.00	Working
Honey Processing Unit	31.03.10	760000.00	Working

DEMONSTRATION UNITS AT KVK



Honey Processing Unit



Agriculture Technology Information Center



Soil Testing Unit



Vermi Compost Unit



Medo Garden



Herbal Garden



Automatic Weather Station



Nutritional Kitchen Garden

1.8. A). Details SAC meeting* conducted in the year

Sl.No.	Date	Name and Designation of Participants	
1.	10.01.22	डॉ० पी०के० सिंह	निदेशक प्रसार, स०व०प० कृषि वि०वि० मेरठ
		डॉ० पी०के० सिंह	सह प्राध्यापक सस्य, सवप कृषि वि०वि० मेरठ
		डॉ० एस०के० त्रिपाठी	सह प्राध्यापक उद्यान, सवप कृषि वि०वि० मेरठ
		श्री आर०पी० चौधरी	उप कृषि निदेशक
		श्री अरविन्द कुमार शर्मा	डिप्टी पी०डी० आत्मा,
		डॉ० जे०पी० सिंह	संयुक्त निदेशक, गन्ना शोध
		डॉ० नीरज कुमार	वैटनरी ऑफिसर बघरा
		श्री अनिल कुमार पंवार	प्रगतिशील कृषक, ग्राम घटायन
		श्री अमित सिंह	प्रगतिशील कृषक, ग्राम लडवा
		श्री आजाद सिंह	प्रगतिशील कृषक, ग्राम बिजोपुरा
		श्री मनोज त्यागी	प्रगतिशील कृषक, रोहानाकला
		श्री ओमकार त्यागी	प्रगतिशील कृषक, ग्राम बडकली
		श्री अनुराग त्यागी	प्रगतिशील कृषक, रोहानाकला
		डॉ० अजित सिंह	प्रगतिशील कृषक, ग्राम कुटबा
		श्री प्रवीन कुमार	प्रगतिशील कृषक, ग्राम तितावी
		श्री राजेन्द्र सिंह	प्रगतिशील कृषक, अमीरनगर
		श्री सन्तुल त्यागी	प्रगतिशील कृषक, ग्राम खुसरोपुर
		श्री सोनू	प्रगतिशील कृषक, ग्राम चांदपुर
		श्री राज सिंह	प्रगतिशील कृषक, ग्राम नगलापिथौरा
		श्री कर्णसिंह	प्रगतिशील कृषक, ग्राम धनसनी
श्रीमती सुषमा तोमर	एस०एच०जी० मेम्बर		
श्रीमती रविता	महिला कृषक, ग्राम हैदरनगर		
श्रीमती ममता	महिला कृषक, ग्राम हैदरनगर		
श्रीमती पिकी	महिला कृषक, ग्राम लखान		
	Salient Recommendations	Action Taken	
1.	निदेशक प्रसार द्वारा अवगत कराया गया कि केन्द्र पर गाडी उपलब्ध न होने के कारण पीओएल मद में उपलब्ध धनराशि से गाडी हायर करते हुए केन्द्र के कार्यों को गति प्रदान की जाये।	POL से गाडी हायर करके कार्य सम्पादित किए जा रहे है ।	
2.	उप कृषि निदेशक द्वारा सुझाव दिया गया कि उर्द की फसल में कालागढ प्रजाति के परिणाम हमेशा सकारात्मक रहे हैं। इस प्रजाति को प्रदर्शनों में सम्मिलित किया जाये।	इस प्रजाति का बीज बदायूं से मगवाकर प्राकृतिक खेती का प्रदर्शन, केवीके काप कैफटेरिया में लगाया गया है। जिसमे एलो मौजैक वायरस का प्रकोप बिलकुल नहीं है।	
3.	डॉ० त्रिपाठी द्वारा सुझाव दिया गया कि प्रथम पंक्ति प्रदर्शनों के अन्तर्गत अन्य फसलों के साथ-साथ फलों को भी सम्मिलित करते हुए इस पर भी प्रदर्शन लगाये जाये।	गन्ने के साथ सरसों, प्याज, चुकन्दर, फेचबीन की सहफसली खेती के प्रदर्शन लगाए जा रहे हैं।	
4.	डिप्टी पी०डी० आत्मा द्वारा ट्रायकोकार्ड की उपलब्धता सुनिश्चित करने हेतु सुझाव दिया गया।	ट्राइकोडरमा का प्रयोग CFLD उर्द एवं तिल के प्रदर्शनों में किया जा रहा है ।	
5.	निदेशक प्रसार द्वारा सुझाव दिया गया कि प्राकृतिक खेती को रिवेलीडेट किया जाना आवश्यक है। इसके लिये अथेन्टिक डाटा की आवश्यकता है जिससे कि किसान भाई संस्तुत की गयी मात्रा का प्रयोग करके लाभान्वित हो सके। निकट भविष्य में इस कार्य पर एक परियोजना केन्द्र पर प्रस्तावित है।	केन्द्र पर गौ आधारित प्राकृतिक खेती, परम्परागत खेती, एवं जैविक खेती का तुलनात्मक अध्ययन करने के लिए प्रदर्शन लगाए गए है ।	
6.	द्वारा सुझाव दिया गया कि केन्द्र द्वारा सी०एफ०एल०डी० के अन्तर्गत लगाये गये सरसों की फसल के प्रदर्शनों पर ही पादप सुरक्षा विषय के प्रदर्शन आयोजित किये जायें। सरसों फसल पर अतिरिक्त प्रदर्शन लगाने की आवश्यकता नहीं है।	CFLD में प्रदर्शन अन्य फसलों, प्रमुख रूप से दलहन का प्रदर्शन आयोजित किए जा रहे हैं।	
7.	महिला स्वयं सहायता समूहों के द्वारा किये जा रहे उत्कृष्ट कार्यों पर एक सफलता की कहानी बनायी जाये।	महिला समूहों की सफलता की कहानी तैयार की गयी है।	
8.	सरकार द्वारा चलायी जा रही योजनान्तर्गत पशुओं में इयर टैग को बढ़ावा देने हेतु कृषकों को जागरूक किया जाये।	इयर टैग योजना की जानकारी प्रशिक्षण के माध्यम से कृषकों को दी जा रही है ।	
9.	डिप्टी पी०डी० आत्मा द्वारा कहा गया कि देर से बोयी जाने वाली गेहूं की प्रजाति डी०बी०डब्लू० 222 के परिणाम उत्साहजनक हैं। इस प्रजाति को भी प्रदर्शन में सम्मिलित किया जाये।	वर्तमान में दलहन एवं तिलहन के प्रदर्शन आयोजित किए जा रहे है ।	
10.	कीटों के नियंत्रण हेतु बाजार में विभिन्न प्रकार के ट्रैप उपलब्ध है। जिनका प्रयोग करके जैविक सब्जी उत्पादन किया जा सकता है। इस विषय में किसानों को जागरूक किया जाये।	बायो कंट्रोल मैसर्स के अनुसार प्रदर्शन आयोजित किए जा रहे है ।	

2. Details of District

2.1 Major Farming System/ enterprises (based on analysis made by KVK)

- S. Cane based + A.H+ Horticulture
- S. Cane based + A.H+ Vegetable + Floriculture
- A.H + Labour

2.2 Description of Agro climatic Zone & major agro ecological situations

Sl. No.	AES	Characteristics of AES	Major Commodities	Farming System	Blocks
1.	AES-1	More than 95% irrigated, Loam	S.Cane, Wheat, Rice, Jowar, Mango, Guava, Litchi , Frenchbean	S. Cane based + A.H+ Horticulture	Baghra & Sadar
2.	AES-2	More than 95%, Sandy Loam	S.Cane, Wheat, Jowar, Brinjal, Cabbage, Gladiolus, Tuberose,	S. Cane based + A.H+ Vegetable+ Floriculture	Charthawal, Khatauli
3.	AES-3	Low Water table area, Loam & Sandy Loam soil	S. Cane, Wheat, Blackgram, Jowar, Mango	S. Cane based + A.H + Horticulture	Budhana & Shahpur

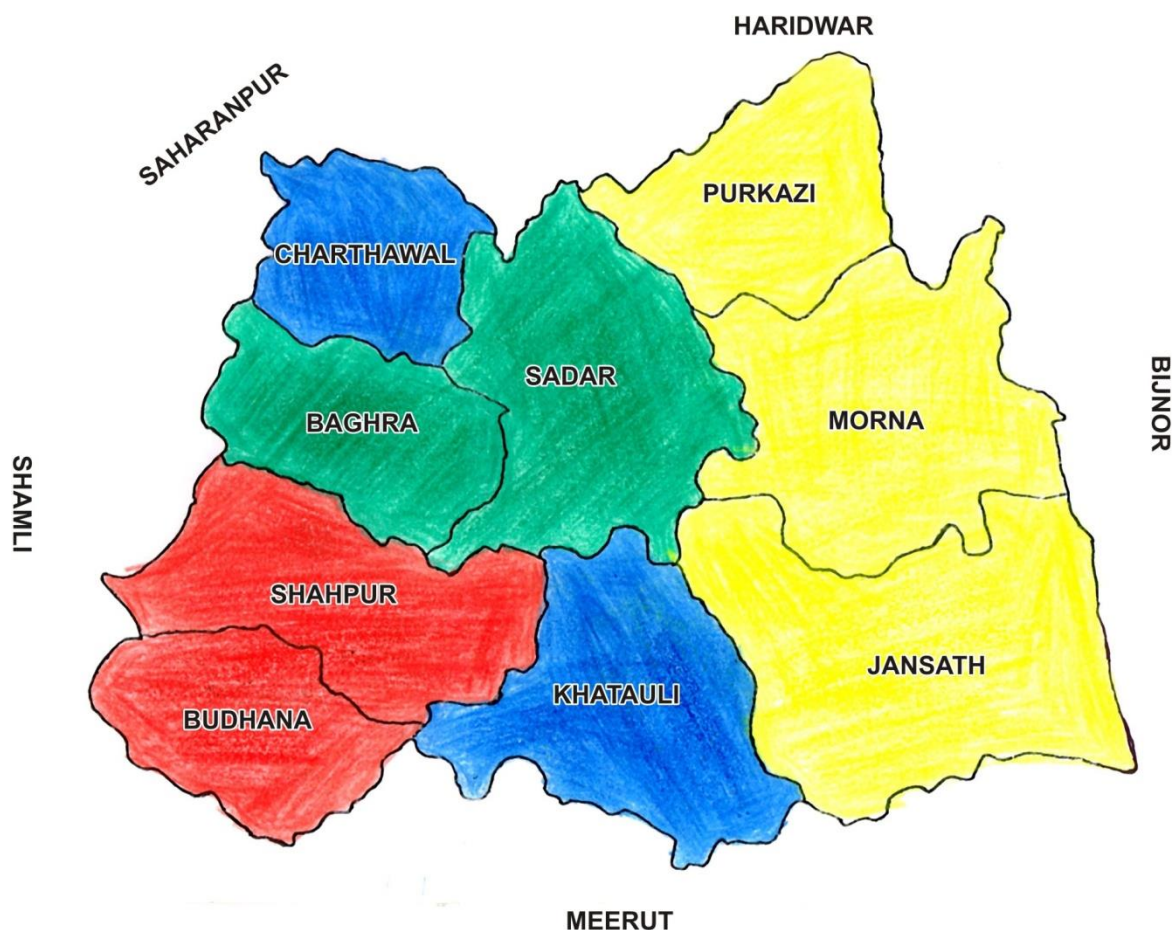
2.3 Soil Type/s

S.No.	Soil Type	Characteristics		Area (ha)
		Soil particle Diameter (mm)	Water holding capacity	
1.	Sandy	2 - 0.2 mm,	Poor	17633
2.	Sandy loam	0.2 - 0.02 mm,	Medium	128334
3.	Loam	0.02 - 0.002 mm	Average	78186
4.	Clay loam	>than 0.002 mm	Good	5126
		Total		219269

MUZAFFARNAGAR DISTRICT

(AGRO-ECOLOGICAL WISE MACRONUTRIENT FERTILITY MAP)

Colour	AES	Nitrogen	Phosphorus	Potassium
Yellow	I	Low	Low - medium	Low - medium
Green	II	Low - medium	Low - medium	Low - medium
Blue	III	Low - medium	Low - medium	Low - medium
Red	IV	Low - medium	Low - medium	Low - medium



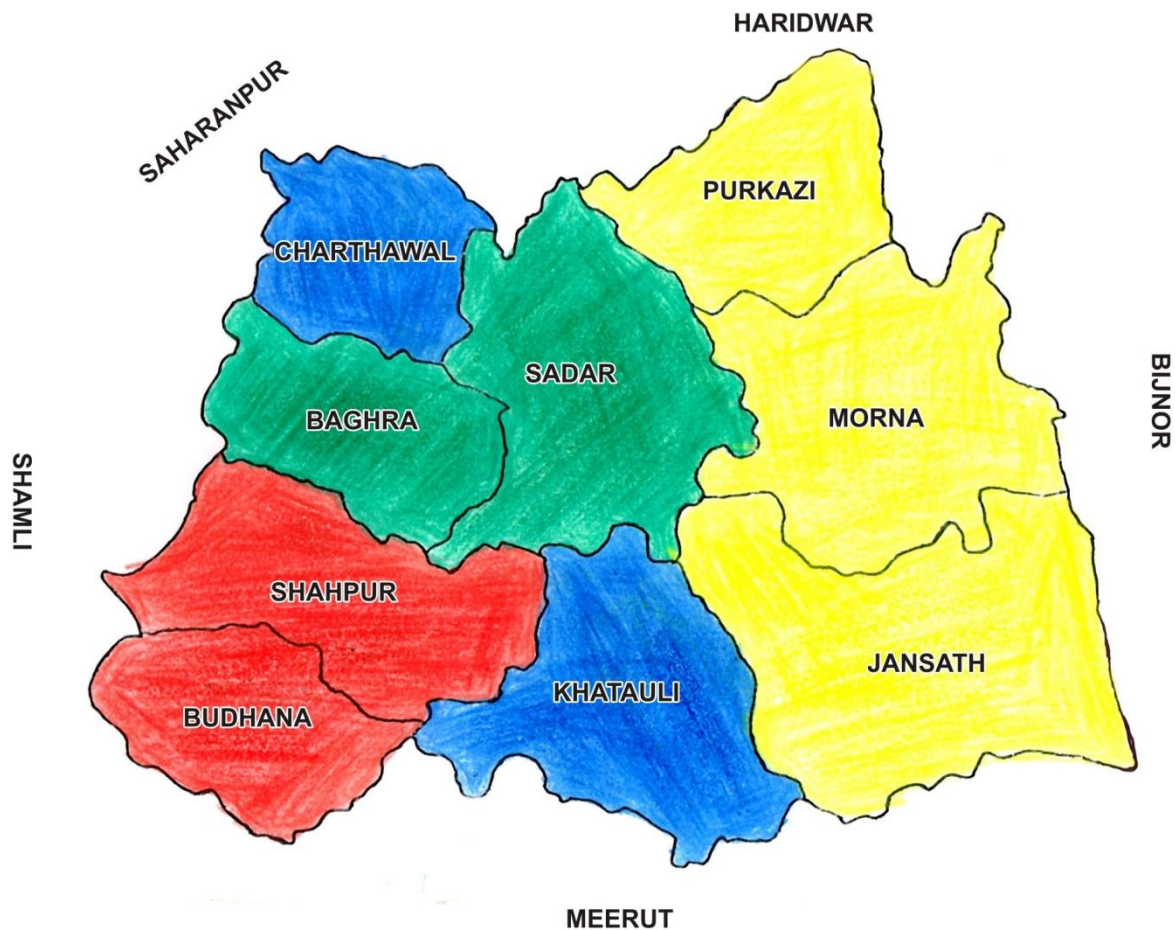
Nutrients	Categories		
	Low	Medium	High
Available N (kg ha^{-1})	<280	280-560	>560
Available P (kg ha^{-1})	< 10	10- 25	> 25
Available K (kg ha^{-1})	< 120	120-280	>280

Soil Micronutrient Testing:

MUZAFFARNAGAR DISTRICT

(AGRO-ECOLOGICAL WISE MICRONUTRIENT FERTILITY STATUS)

Colour	AES	Per cent deficient samples					
		Zn	Fe	Mn	Cu	B	Mo
Yellow	I	92	82	48	35	10	7
Green	II	89	84	52	38	12	5
Blue	III	95	77	46	33	9	6
Red	IV	97	79	47	36	11	4



Micronutrient Tested	Normal Soil Range (ppm)
Zn	>1.2
Fe	>8.0
Mn	>4.0
Cu	>0.4
B	>0.5
Mo	>0.2

2.4. Area, Production & Productivity of major crops cultivated in the district in 2021-22

S.No	Crop	Area (ha)	Productivity (Qt./ha)
1.	Sugarcane	132004.00	933.00
2.	Wheat	80254	41.17
3.	Paddy	11580	27.30
4.	Blackgram	717	5.40
5.	Greengram	100	4.14
6.	Lentil	285	6.91
7.	Gram	270	1074
8.	Pea	360	13.89
9.	Pigeon Pea	37	8.04
10	Mustard	4018	12.67
11	Potato	3260	230.01
12	Cotton	274	1.30
13	Maize	250	15.75

2.5 Weather Data

Month	Rainfall (mm)	Temperature °C		Relative Humidity (%)
		Maximum	Minimum	
January 2022	103.8	16.3	6.4	85.5
February 2022	50.8	21.9	7.4	78.5
March 2022	0.00	31.4	14.2	56.0
April 2022	0.00	38.2	19.3	35.5
May 2022	84.0	36.4	23.3	52.0
June 2022	69.8	37.1	23.7	51.0
July 2022	144.6	33.6	25.2	76.0
August 2022	--	--	--	--
September 2022	--	--	--	--
October 2022	--	--	--	--
November 2022	--	--	--	--
December 2022	--	--	--	--

2.6 Production & Productivity of Livestock, Poultry, Fisheries in the district

Category	Population	Production	Productivity
Cows			
Crossbred	35460	413514 liter/day	1800-3178 liter/lactation
Indigenous	133459		1200-2270 liter/lactation
Buffalo	194306	1790140 liter/day	1360-2270 liter/lactation
Sheep		--	--
Crossbred	223	Wool - 11873 kg/ year	--
Indigenous	8478		
Goats	20429	5294 mt	180-544 lit/lactation
Pigs			
Crossbred	10543	12012000 kg meat	--
Indigenous	24856		
Rabbits	281	--	--
Poultry			
Hens			
Desi	54502	163589 kg meat	1.0 kg
Improved	109087		
Ducks	1642	--	--
Turkey	19	--	--
Camel	41	--	--

Fisheries

Category	Area (ha)	Production	Productivity
Fish	1239	40887 qt	30-35

2.7 Details of Operation area/ Villages (2022)

S. No.	Taluk	Name of Block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust areas
1.	Sadar	Baghra	Ameernagar Ladwa Baghra Saidpura Mandi Lakhan	Sugarcane	Low yield due to imbalance fertilizer	Balance use of fertilizer
				Wheat	Low yield due to high infestation of weeds	Weed management
				Mustard	Poor yield due to aphid infestation	Insect mgt.
				Mango	Poor yield due to no use of micronutrients	Fertilizer management
				Guava	Poor quality yield due to fruit fly infestation	Fruit fly management

				Cauliflower	Poor yield due to use of local variety	Introduction of HYV
				Brinjal	Poor quality of fruits due to foot & shoot borer	IPM
2.	Sadar	Charthawal	Rohana kala Khusorpor Badhai kala Badkali	Sugarcane	Low yield of Sugarcane	Introduction of HYV Balance fertilizer application IPNM & IPM
				Mango	Low yield of Mango	IPNM & IPM Rejuvenation of old orchard Introduction of regular bear variety
				Wheat	Low yield	Water management IPM Weed mgt. Introduction of HYV
				Barseem	Low fodder production	Timely sowing Introduction of HYV \\
3.	Budhana	Shahpur	Salakhedi Sohjani Tagan Rasoolpur Jaatan Dinkarpur	Sugarcane	Low yield of Sugarcane	Introduction of HYV Balance fertilizer application IPNM & IPM
				Mango	Low yield of Mango	IPNM & IPM Rejuvenation of old orchard Introduction of regular bear variety
				Wheat	Low yield	Water management IPM Weed mgt. Introduction of HYV
				Barseem	Low fodder production	Timely sowing Introduction of HYV

2.8 Priority Thrust Areas.

Crop/Enterprise	Thrust area
Sugarcane	IPNM, SSNM, Weed management, IPM, IDM, Seed production
Wheat	Integrated Nutrient Management, Weed management, IPM, IDM, Seed production, Foliar application of Micronutrients
Rice	IPNM, Weed management, Hybrid rice, IPM, IDM, Seed production
Vegetables	IPNM & IPM
Oilseeds & Pulses crop	Sulphur, Zinc application & IPM
Animals	Endo & Ecto parasite control, Improving fertility

1. Maintenance of soil productivity through soil test based nutrient management.
2. Promoting intercropping modules with Sugarcane
3. Popularizing Bio- pesticides for management of insect pests
4. Promoting quality floriculture as diversification enterprise for extra income generation.
5. Promoting quality vegetable nursery
6. Mineral mixture supplementation among animals for improving fertility
7. Promoting Group Approach of Extension through Women SHGs and Vallabh Krishak Clubs

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.							
Sugarcane	825.00	--	----	108373.00	159782.00	2.47:1	--

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
Intercropping System(Kharif-Rabi-Zaid) -Livestock etc.							
Sugarcane + Greengram	825.00	8.00	141.58	Main crop 108343.00	151532.00	2.40	Rate of S. Cane@ Rs. 315/ qt & Green Gram @ Rs. 5575/- qt
				Intercrop 18166.00	26434.00		
				Total – 126509.00	177966.00		
Sugarcane + Blackgram	825.00	7.25	124.28	Main crop – 108343.00	151532.00	2.37	Rate of Urd @ Rs. 5400/- qt
				Intercrop- 14500.00	21650.00		
				Total – 125843.00	173182.00		
Sugarcane + Lentil	825.00	9.00	121.45	Main crop - 104343.00	151532.00	2.36	Rate of Lentil @ Rs. 4250/- qt
				Intercrop – 17850.00	20400.00		
				Total – 126193.00	171932.00		
Sugarcane + Mustard	825.00	12.00	152.38	Main crop – 108343.00	151532.00	2.35	Rate of Mustard @ Rs. 4000/- qt
				Intercrop- 22560.00	25440.00		
				Total – 130903.00	176972.00		
Sugarcane + Frenchbean	825.00	250.00	793.65	Main crop – 108343.00	151532.00	2.50	Rate of Frenchbean @ Rs. 1000/- qt
				Intercrop – 95150.00	154850.00		
				Total – 203493.00	306382.00		

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		Achievements		Shortfall		
Targets	Achievement	Crop/Enterp rise	No of Demo./ Farmer	Targets		Achievem ent
6	8	Cereals	75	Demo	200	265
		Pulses	50	Area (ha)	50.0	81.33+ 30Units
		Oilseeds	75			
		Fruits	--			
		Other crops	10			
		H.Sc	20			
		Buffalo/ Cattle	10			
6	8	Total	265			

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	Target s	Achievem ent	Targe ts	Achievem ent	Targe ts	Achiev ement	Targets	Achieve ment
Farmers	100	63	2000	1258	---	238	2000	9750
Rural youth		7	--	105				
Extn.Func		17	--	190				
Sponsored		09		364				
Vocational		01	--	25				
Total:	100	97	2000	1942	---	238	2000	9750

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200 Q.	--	--	20000 No.	15000	60
Total :	--		20000 No.	15000	60

Soil Samples (Nos.)			
5			
Target	Achievement	No. of farmers	Amount
1200	238	238	35000.00
Total :	238	238	35000.00

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Varietal Evaluation	Paddy	Evaluation of High Yielding variety of Paddy	1	3
INM	Paddy	Nutrient Management in Paddy	1	3
IPM	Paddy	Stem Borer Management in Paddy	1	5
IPM	Sugarcane	White Grub Management in Sugarcane	1	5
INM	Sugarcane	Soil Health Card based Nutrient management in Sugarcane	1	5
Animal Nutrition	Buffalo	Supplementation of mineral mixture (MM) to reduce Inter Calving Period (ICP) in buffaloes	1	10
Durgery reduction technologies	Other Entrprises	Drudgery reduction and efficiency enhancement of farm women	1	5
Low Nutritional status and Malnutrition of Farm women	Other Entrprises	Assessment of the effective supplementation of fortified wheat flour for improvement of nutritional status of Farm Women	1	5
Total			8	40

I.B. TECHNOLOGY REFINEMENT- Nil

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL


VARIETAL EVALUATION

Problem definition: Lower productivity and profitability of Basmati (PB 1)

Technology Assessed : Varietal Evaluation of Basmati varieties PB 1728

An On Farm Trial was conducted in sandy loam soil under irrigated condition for the evaluation of high yielding and disease resistant varieties of Pusa Basmati 1728 at three locations in Rice-wheat cropping system during Kharif 2022.

Table : Evaluation of high yielding variety of Paddy

Technology Option	Yield (qt./ha)	% increase in yield	Net income (Rs/ha)	B:C Ratio
T1- Farmers practice - Pusa Basmati 1	35.40	--	42924.00	2.43
T2- HYV Pusa Basmati 1728	43.60	23.16	59816.00	2.99
Result: 1. Paddy High Yielding variety PB 1728 gave 23.16% extra yield yield in comparision to local variety PB1 2. Farmers like it due to bold grain size 3. This variety resistant to bakani disease.				

Date of Transplanting : 8.07.2022

DOH : 20.10.22


INTEGRATED NUTRIENT MANAGEMENT

Problem definition: Lower productivity and profitability of due to imbalance use of fertilizer In Paddy

Technology Assessed : Nutrient management in paddy crop

An On Farm Trial was conducted in sandy loam soil under irrigated condition for the evaluation of Nutrient management at three locations in Rice-wheat cropping system during Kharif 2022.

Table : Evaluation Nutrient Management in Paddy

Technology Option	Yield (qt./ha)	% increase in yield	Net income (Rs/ha)	B:C Ratio
T1- Farmers practice Only (Urea)	37.15	--	--	3.69
T2- Farmer practices+ Zn (5 kg/ha)+ B (2.5 kg/ha)	40.35	8.62	--	3.78
Result : 1. Yield increased 8.62 % due to balance use of fertilizer in comparision to farmers practice. 2. 3.2 qt extra yield obtained due to use o Boron & Zinc				

Date of Transplanting : 10.07.2022

DOH :


INTEGRATED DISEASE MANAGEMENT

Problem definition: Lower productivity of Sugarcane due to infestation of White Grub

Technology Refined : To increase the Production potential through integrated management of White Grub

Sugarcane is main case crop of Western UP. However there is high infestation of White grub in Sugarcane. Resulting in yield loss. Therefore, On farm trial conducted at farmers field on five locations to integrate control measure. The refined technology of application of Chloropyriphos 20 EC@5.0 liter/ha with irrigation water and soil application of Beuveria Bassiana @5 kg/ha mixed with FYM @ 500 kg/ha was used to reduce the infestation of White grub in Sugarcane crop.

Table : Effect of Chloropyriphos & Beuveria Bassiana to Control reduce the infestation of White grub

Technology Option	No. of trials	Gross cost Rs./ha	Net return Rs./ha	Wheat Yield q/ha	Increase in Yield (%)	B:C Ratio
T1- Farmers Practice (No treatment)	05					
T2- Use of Chloropyriphos 20 EC @5.0 liter/ha with irrigation water and Soil application of Beuveria Bassiana @5 kg/ha mixed with FYM @ 500 kg/ha						

Result : Result Awaited


INTEGRATED DISEASE MANAGEMENT

Problem definition: Lower Yield of Paddy due to high infestation of Stem borer insect

Technology Refined : To increase the Production potential through management of Stem borer

Paddy is an important kharif Cereal crop of western UP. However there is high infestation of Stem borer insect in Paddy crop, resulting in yield loss. Therefore, On farm trial conducted at farmers field on five locations to refine chemical control measure. The refined technology of soil application of Chlorotrenipole (Fertera) 0.4%GR@10 kg/ha was used to reduce the infestation of Stem borer in Paddy crop.

Table : Effect of Chloropyriphos & Beuveria Bassiana to Control reduce the infestation of Stem Borer

Technology Option	No. of trials	Yield q/ha	Increase in Yield (%)	B:C Ratio
T1- Farmers Practice (No treatment)	05	39.44	--	1.29:1
T2- soil application of Chlorotrenipole (Fertera) 0.4%GR@10 kg/ha		48.18	22.16	1.73:1
Result : <ol style="list-style-type: none"> 1. 22.16 % yield increased in comparison to Farmers practice. 2. 14 % less disease incident seen in comparison to other field 3. Economically it is beneficial technique and less damage to environment. 				
				

NUTRIENT MANAGEMENT

Problem definition: Lower productivity and profitability in Sugarcane imbalance application of nutrients

Technology Assessed or Refined (as the case may be): Site specific nutrient management in Sugarcane

KVK, Muzaffarnagar I conducted on-farm trial to find out Site specific nutrient management practice to enhance the Sugarcane productivity. The **assessed or refined (as the case may be) Field specific soil test based nutrient application to increase in yield.**

Table Effect of field specific soil test based nutrient application in sugarcane with close observation as given,

Technology Option	No. of trials	Gross cost Rs./ha	Net return Rs./ha	Sugarcane Yield q/ha	Increase in Yield (%)	B:C Ratio
No soil test based nutrient application/ha (Farmers Practice apply 125 kg DAP+450 kg Urea+25 Kg MOP+ 5 kg ZnSo4)	05	108840	163185	837	--	2.50
Soil test based nutrient applied through fertilizer - 125Kg DAP+315 kg Urea+ 125kg MOP by farmer and provided in demoFeso4 25kg+Mono Zinc 12.5 kg+5kg Boron+5kg Sulphur 80WP		112340	199660	960	14.71	2.78

Result :

1. Additional cost of input along with close observation Rs 3500 gives more net return Rs. 35475/ha.
2. Sale price of sugarcane Rs. 325/q and variety used Co-0238
3. Demonstration increases 14.71% yield with B:C ratio 4.51.



DRUDGERY REDUCTION

Problem definition: High drudgery and low efficiency of farm women during cleaning of wheat by traditional sieve

Technology Assessed : Assessment of hanging Sieve for drudgery reduction and efficiency enhancement of farm women

Women are a vital part of their family, district as well as Indian economy. Over the years, there is a gradual realization of the key role of women in agricultural development and their vital contribution in the field of agriculture, Aside from raising children, women are expected to work in kitchen, maintain the homestead and assist in crop and animal production, 48 per cent of India's self-employed farmers are women, Drudgery can be defined by its time-consuming, repetitive and arduous nature. Pain is the indicator of discomfort. The perceived discomfort was recorded in terms of pain felt in different parts of body. For Many traditional postharvest activities like threshing and winnowing, can be described as drudgery. Cleaning grains manually, use human energy in two ways: they are arduous and time-consuming. Reducing drudgery in difficult activities is more important than saving time. For instance, women often prefer doing activities in standing position as it helps them in moving around.

Table : Observation

Technical Observation	Farmers Practice	Hanging Seive	Percentage Increase
Quantity cleaned(kg/Hr)	58 Kg	123 kg	24.1
Heart Rate –at rest (after one hr cleaning)	72 91	72 78	17
Energy Expenditure (0.15xHR-8.72)	0.15x90-8.72=4.78	0.15x78-8.72=2.68	1.8 times more Energy Expenditure in framers practice
Frequency of Postural change	4-5 times	--	--

Average Incidence of musculoskeletal problem during existing and Improved conditions: (N-3)

Body Parts	Existing Practice					Improved Practice				
	5	4	3	2	1	5	4	3	2	1
Neck	--	3	--	--	--	--	--	2	1	--
Shoulder Pain	--	2	1	--	--	--	--	1	2	--
Low Back	--	3	--	--	--	--	--	1	2	--
Thighs	2	1	--	--	--	--	--	2	1	--
Ankels/Feets	1	1	1	--	--	--	--	--	2	3

*5=very severe,4=severe,3=moderate ,2= mild , 1= very mild

Farmers Reaction :

- 1 .Easy in use
2. Time saving /time efficient
- 3 .Less Fatigue
4. 100 percent Women liked hanging sieve over hand sieve,as maximum work output was observed by using the hanging grain cleaner.



Farmers Practice



Improved Practice

HOUSEHOLD FOOD SECURITY

Problem definition: Low Nutritional status and Malnutrition of Farm women

Technology Assessed : Assessment of the effective supplementation of fortified wheat flour for improvement of nutritional status of Farm Women through Fortified wheat flour (75%) + Gram Flour (20%) + Barley Flour (10%) for 180 days (**Protein 14-15%, Iron 2.0-2.4 mg/100 gm**)

Technology Options	No. of trials	Yield (kg or Q)	Availability/year (Days)	Hb level (g/dl)	Perceived rate of Exertion (%)				Height	Weight	BMI
				Pre blood test (Prevailing Practice) (Av.)	Post blood test	Low	Medium	High			
Farmers practice	05	350 gm/day	180	8.68			Medium		150.96	48.6	21.41
Fortification of Locally available grains		350 gm/day	180 days	--	10.00	Low			150.96	51.34	22.62

NUTRITIONAL PARAMETERS

Treatment	Composition on multigrain Atta	Requirement gm/day	Value full filled								Impact on Health status	
			Energy (Kcal)	Protein (gm)	Fat (gm)	CHO (gm)	Fiber	Ca (gm)	P (gm)	Iron (mg)	General health	Disease occurrence
Farmers Practice T1	Only wheat flour	350	1218	38.85	3.15	258.65	1.05	80.5	423.5	9.45	Lack of Hemoglobin	Anemia (1 respondents)
Technology demonstrated T2	Wheat 70 %	245	835.45	29.65	4.17	170.03	4.65	117.6	869.75	--	--	Recover anemia
	Chickpea 20%	75	270.00	12.83	3.98	45.68	2.93	151.5	234	--		
	Barley 10%	30	100.8	3.45	0.39	208.8	1.17	7.8	64.5	--		
	Total 100 %	350	1206	45.93	8.54	424.78	8.75	276.9	1168.25	15.96		

Economic and Sensory Parameters

Technology Option	Economic Parameter				Sensory Parameter score				
	Cost of cultivation (Rs)	Gross return (Rs)	Net Profit (Rs)	B:C Ratio	Taste	Flavour	Colour	Texture	Overall Acceptability
T1- Farmers practice	22	-	-	-	Like moderately	Like moderately	Like	smooth	Like moderately
T2 -Fortified flour	31	-	-	-	Like extremely	Like extremely	Like extremely	Rough	Like extremely

Result : 100 percent women liked multigrain atta as it improved their working efficiency, they felt less fatigue, initially did not like the texture but later got accustomed and liked its taste and flavor .

II FRONTLINE DEMONSTRATION

a. List of technologies demonstrated during previous year (2021-22)

S. No.	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
1.	Varietal improvement- Lentil	PL 8	Demo, Training, FLD, CFLD	17	55	46.00
2.	Varietal Improvement of Gram	RVG 202	Demo, Training, FLD, CFLD	14	110	95.00

b. Details of CFLDs implemented during 2021 under NFSM

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	
1.	Urd	Varietal evaluation	Mukundra Urd-1	Kharif 2022	20.0	20.0			50	--

c. 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					
Urd	Kharif 2022	Irrigated	Sandy Loam	M	M	M	Jowar	16 July- 10 Aug. 2022	—	--	--

Technical Feedback on the demonstrated technologies

S.No	Feed Back
	Pulses- Urd (Mukundra Urd-1)
1.	It is Susceptible to Yellow mosaic virus.
2.	It gave 7.5 q / hectare yield average.
3.	It matures in 90-100 days.
4.	20-25 No. of pods per plant were found in this variety.

Farmers' reactions on specific technologies

S. No	Feed Back
	Pulses- Urd (Mukundra Urd-1)
1	. It is Susceptible to Yellow mosaic virus & Height of plant is small

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1.	Field days - 01	01	20.10.22	50	
3.	Farmers Training for conducting CFLD	02	23.7.22 & 28.08.22	55	
5.	Field Visit- Urd (Mukundra Urd-2)	03	23 July, 28 Auh. & 23Oct 2022	10	

Performance of Frontline Demonstrations :

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											Avg
Urd Kharif - 2022	Varietal evaluation	Seed	Mukundra Urd-2	50	20.0	8.2	6.8	7.5	5.0	53.06	15000.0	30870.0	15870.0	2.05	16500.0	47250.0	30750.0	2.86

Photograph



Different Crop Stage of Mukundra Urd-2

II FRONTLINE DEMONSTRATION

c. List of technologies demonstrated during previous year (2020-21)

S. No.	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
1.	Varietal improvement- Mustard	RH 749	Kisan Gosthi, Field & Extension functionaries training	14	25	10

d. Details of CFLDs implemented during 2021-22 under NFSM

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	
Oilseeds										
1.	Mustard	Varietal evaluation	RH 749	Rabi 2021-22	10.0	10.0	4	21	25	-
2.	Seasum	Varietal evaluation	GJT 5	Kharif 2022	10.0	10.0	0	25	25	

c. 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					
Mustard RH 749	Rabi 2021-22	Irrigated	Sandy loam	M	M	L	Paddy	01-15 Oct 2021	15-30 March 2021	-	-
Seasum	Kharif 2022	Irrigated	Sandy loam	M	M	L	S.Cane	10.7.22	15-30 Oct 2022	-	-

Technical Feedback on the demonstrated technologies

S.No	Feed Back
	Oilseed Mustard (RH 749)
1	No occurrence of Disease
2	Low water Requirement crop

Farmers' reactions on specific technologies

S. No	Feed Back Pulses – Green gram (pant mung 5)
	Oilseed Mustard (RH 749)
1	Yield increased 29.98 % in comparison to local variety .
2	Bold grain size led to better price in the market.
3.	No occurrence of Disease

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1.	Field days -	03	18.2.22, 23.2.22, 25.02.22	98	
3.	Farmers Training for conducting CFLD	01	24.09.21	35	
4.	Field Visit	03	10.11.21, 22.12.21, 9.01.22	47	

Performance of Frontline Demonstrations :

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											Avg
Mustard 2021-22	Varietal evaluation	HYV seed	RH 749	25	10.0	21.10	17.75	19.42	14.94	29.98	16113.0	98071	81958.0	6.08	17000	75447	58447	4.43
Seasame Kharif 2022	Varietal evaluation	HYV seed	GJT 5	25	10.0	4.5	3.6	4.05	2.5	38.00	13000.0	19575.0	6575.0	1.50	15000.0	31711.5	16711.50	2.11

Performance of technology

Mustard	RH 749	Shatabadi
Maturity Duration (days)	145 days	145 days and above
Disease incidence	Nil	

Photograph



Flowering Stage of RH 749

Maturity Stage of RH 749

Seed Distribution at KVK

Field Day

II. FRONTLINE DEMONSTRATION

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																			
Wheat	Varietal (timely sown)	High Yielding Variety DBW 187 F.P : PBW 502	8	3.2	46.0	39.0	42.5	36.0	18.05	No of Tillers/sqm 215 Grains/spike-45 Lodging % - nil	No of Tillers/sqm 206 Grains/spike- 38 Lodging % - 3-5	26000	85637	59637	3.29	24500	72540.0	48040	2.96
Wheat	Varietal (Late sown)	High Yielding Variety HD 3059 F.P : PBW 590	7	2.8	42.4	35.0	38.37	35.00	9.62	No of Tillers/sqm 207 Grains/spike-31 Lodging % - nil	No of Tillers/sqm 204 Grains/spike- 29 Lodging % - 3.0	26600	77315	50715	2.90	25500	70525.0	45025	2.76
Wheat	INM	Soil health card based nutrient management	10	4.0	47.8	46.4	47.38	43.15	9.83	-	-	33288	93585	60297	2.81	31788	85281	53433	2.68
Wheat	IDM	Yellow rest mgt. In Wheat	10	4.0	56.2	51.6	54.01	43.23	24.90	Disease incidence – 4%	Disease incidence – 22%	36500	108830	72330	1.98	35000	87108	52108	1.48
Paddy	Weed Mgt.	Weed Control through Bispariback Sodium 10SC	10	4.0	40.51	38.61	39.68	32.00	4.93	-	-	35150	34400	139770	33205	104670	98805	3.98:1	3.88:1
Paddy	INM	Use of Nano Urea	10	4.0	38.90	36.75	37.80	34.73	5.85	-	-	35150	34400	134205	26687	99055	92387	3.82:1	3.69:1
Paddy	IPM	Stem Borer mgt. Paddy	10	4.0	50.23	41.19	48.56	37.23	21.94	-	-	36000	35000	102469	84027	66469	49027	1.85:1	1.40:1
Paddy	IPM	BPH mgt. in Paddy	10	4.0	46.97	38.10	43.16	36.50	23.28	-	-	36000	35000	95818	77724	59818	42724	1.66:1	1.22:1

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units	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)
Kitchen Garden	Household food security by kitchen gardening and nutrition gardening	200sq mt well planned Kitchen Garden	10	10	20	20	448 Kg yield	21 kg yield	200% increase	More consumption of seasonal vegetables	Less consumption	280.00	9150	8870.0	32:1	50.00	480.0

FLD on Other Enterprises : Making of Tomato puree/sauce to avoid post harvest losses.

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)
Value Addition	Making of Tomato puree/sauce to avoid post harvest losses.	10	10	shelf life of Puree/Sauce 365days	shelf life of Raw Tomato 2-3 Days	--	Availability of tomato in preserved form 365 days	Availability of tomato seasonal	100.0	200	100	2:1	00	00	00	00

Farmers Reaction:

Post harvest losses are major concern, especially in fruits and vegetables. To control the post harvest losses and low price of the crop at the time of harvesting, value addition of produce and increasing the shelf life is very beneficial for farmers as well as farm women. Farm women liked this practice very much and saved a good amount.

FLD PHOTOGRAPH

<p style="text-align: center;">VARIETAL WHEAT – HD 3059</p>	<p style="text-align: center;">VARIETAL WHEAT – DBW 187</p>	<p style="text-align: center;">YELLOW RUST MGT. IN WHEAT</p>
<p style="text-align: center;">SHEATH BLIGHT MANAGEMENT IN PADDY</p>	<p style="text-align: center;">BROWN PLANT HOPPER MGT IN PADDY</p>	<p style="text-align: center;">WEED MGT. IN PADDY</p>
<p style="text-align: center;">FLD ON SSNM IN SUGARCANE</p>	<p style="text-align: center;">FLD ON KITCHEN GARDEN</p>	<p style="text-align: center;">FLD ON Making of Tomato puree/sauce</p>

FLD on Demonstration details on crop hybrids (Details of Hybrid FLDs implemented during 2022) : Nil

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										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Seed production	04	76	--	76	04	--	04	80	--	80
Nursery management										
Integrated Crop Management										
Soil & water conservatioin										
Integrated nutrient management	01	20	--	20	--	--	--	20	--	20
Total	05	96	--	96	04	--	04	100	--	100
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising										
Total (a)										
b) Fruits										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards	1	20	--	20	--	--	--	20	--	20
Plant propagation techniques										
Others (pl specify)	1	20	--	20	--	--	--	20	--	20
Total (b)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify) Honey Processing technique	1	20	--	20	--	--	--	20	--	20
Total (f)										
GT (a-g)	03	60	--	60	--	--	--	60	--	60
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										
Total										
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	01	--	18	18	--	2	2	00	20	20
Design and development of low/minimum cost diet										
Value addition	01	--	17	17	--	03	03	00	20	20
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)	02	--	34	34	--	06	06	00	40	40
Total	04	--	59	59	--	11	11	80	--	80
VII Plant Protection										
Integrated Pest Management	02	32	--	32	08	--	08	40	--	40
Integrated Disease Management	01	20	--	20	--	--	--	20	--	20
Bio- Control of Plant Disease	01	19	--	19	01	--	01	20	--	20
Total	04	71	--	71	09	--	09	80	--	80
GRAND TOTAL	16	227	59	286	13	11	24	320	0	320

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										
Seed production	04	75	--	75	05	--	05	80	--	80
Production of organic inputs	01	20	--	20	--	--	--	20	--	20
Other (Organic farming)	01	20	--	20	--	--	--	20	--	--
Total	06	115	--	115	05	--	05	120	--	120
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising										
Protective cultivation	1	20	--	20	--	--	--	20	--	20
Others (pl specify)										
Total (a)										
b) Fruits										
Training and Pruning										
Layout and Management of Orchards	1	20	--	20	--	--	--	20	--	20
Total (b)										
GT (a-g)	2	40	--	40	--	--	--	40	--	40
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	02	35	--	35	--	--	--	35	--	35
Animal Nutrition Management	02	36	--	36	--	--	--	36	--	36
Total	04	71	--	71	--	--	--	71	--	71
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	01	--	18	18	--	02	02	00	20	20
Design and development of low/minimum cost diet	01	--	16	16	--	04	04	00	20	20
Minimization of nutrient loss in processing										
Processing and cooking	01	--	18	18	--	02	02	00	20	20
Gender mainstreaming through SHGs										
Storage loss minimization techniques	01	--	18	18	--	02	02	00	20	20
Value addition	01	--	20	20	--	00	00	00	20	20
Location specific drudgery reduction technologies	02	--	35	35	--	05	05	00	40	40
Rural Crafts										
Women and child care	02	--	36	36	--	4	4	00	40	40
Others (pl specify) Water Saving Tech	01	--	16	16	--	04	04	00	20	20
Total	10		177	177	--	23	23	00	200	200
VII Plant Protection										
Integrated Pest Management	03	60	--	60	--	--	--	60	--	60
Integrated Disease Management	02	38	--	38	--	--	--	38	--	38
Bio- Control of Plant Disease	02	40	--	40	--	--	--	40	--	40
Total	06	138	---	138	--	--	--	138	--	138
GRAND TOTAL	28	364	177	541	5	23	28	369	200	569

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										
Seed production	08	151	--	151	09	--	09	100	--	100
Integrated nutrient management	01	20	--	20	--	--	--	20	--	20
Production of organic inputs	01	20	--	20	--	--	--	20	--	20
Other (Organic farming)	01	20	--	20	--	--	--	20	--	--
Total	11	211	--	211	09	--	09	220	--	220
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising										
Protective cultivation	1	20	--	20	--	--	--	20	--	20
Others (pl specify)										
Total (a)										
b) Fruits										
Layout and Management of Orchards	1	20	--	20	--	--	--	20	--	20
Cultivation of Fruit										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards	1	20	--	20	--	--	--	20	--	20
Others	1	20	--	20	--	--	--	20	--	20
Total (b)										
e) Tuber crops										
Production and Management technology										
Honey Processing Technique	1	20	--	20	--	--	--	20	--	20
Total €										
f) Spices										
Production and Management technology										
Total (f)										
GT (a-g)	05	100	--	100	--	--	--	100	--	100
IV Livestock Production and Management										
Dairy Management	02	35	--	35	--	--	--	35	--	35
Animal Nutrition Management	02	36	--	36	--	--	--	36	--	36
Total	04	71	--	71	--	--	--	71	--	71
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	02	--	36	36	--	4	4	00	40	40
Design and development of low/minimum cost diet	01	--	16	16	--	04	04	--	20	20
Designing and development for high nutrient efficiency diet	01	--	17	17	--	03	03	00	20	20
Minimization of nutrient loss in processing	01	--	18	18	--	02	02	00	20	20
Processing and cooking										
Gender mainstreaming through SHGs	01	--	16	16	--	04	04	00	20	20
Storage loss minimization techniques	01	--	20	20	--	00	00	00	20	20
Value addition	04	--	69	69	--	11	11	00	80	80
Location specific drudgery reduction technologies										
Rural Crafts	02	--	34	34	--	06	06	00	40	40
Women and child care										
Others (pl specify)	02	--	34	34	--	06	06	00	40	40
Total	15	--	260	260		40	40	00	300	300
VII Plant Protection										
Integrated Pest Management	05	92	--	92	08	--	08	100	--	100
Integrated Disease Management	03	58	--	58	--	--	--	58	--	58
Bio- Control of Plant Disease	03	59	--	59	01	--	01	60	--	60
Total	11	209	--	209	09	--	09	218	--	218
GRAND TOTAL	44	591	236	827	18	34	52	689	200	889

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
Seed production	01	08	--	08	02	--	02	10	--	10
Bee-keeping	01	11	09	20	02	02	04	13	11	24
Value Addition	01	--	10	10	--	05	05	00	15	15
Tailoring and Stitching	01	--	15	15	--	00	00	00	15	15
Rural Crafts	02	--	25	25	--	04	04	00	29	29
TOTAL	06	19	59	78	04	11	15	23	70	93

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
Mushroom Production	--	--	--	--	--	--	--	--	--	--
Bee-keeping	--	--	--	--	--	--	--	--	--	--
Sericulture	--	--	--	--	--	--	--	--	--	--
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
Seed production	01	08	--	08	02	--	02	10	--	10
Bee-keeping	01	11	09	20	02	02	04	13	11	24
Value Addition	01	--	10	10	--	05	05	00	15	15
Tailoring and Stitching	01	--	15	15	--	00	00	00	15	15
Rural Crafts	02	--	25	25	--	04	04	00	29	29
TOTAL	06	19	59	78	04	11	15	23	70	93

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	--	--	--	--	--	--	--	--	--	--
Protected & Use of Organic Inputs	02	44	--	44	02	--	02	46	--	46
Gender mainstreaming through SHGs	01	0	05	05	0	05	05	0	10	10
Women and Child care	01	0	07	07	0	03	03	0	10	10
Low cost and nutrient efficient diet designing	02	0	15	15	0	05	05	0	20	20
Household food security	01	00	05	05	00	05	05	00	10	10
Any other (pl.specify)	--	--	--	--	--	--	--	--	--	--
TOTAL	7	44	32	76	2	18	20	46	50	96

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	03	30	--	30	--	--	--	30	--	30
Integrated Pest Management	01	10	--	10	--	--	--	10	--	10
Integrated Nutrient management	--	--	--	--	--	--	--	--	--	--
Rejuvenation of old orchards	--	--	--	--	--	--	--	--	--	--
Protected cultivation technology	01	10	--	10	--	--	--	10	--	10
TOTAL	05	50	--	50	--	--	--	50	--	50

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	03	30	--	30	--	--	--	30	--	30
Integrated Pest Management	01	10	--	10	--	--	--	10	--	10
Protected cultivation technology	01	10	--	10	--	--	--	10	--	10
Rejuvenation of old orchards										
Gender mainstreaming through SHGs	01	0	05	05	0	05	05	0	10	10
Women and Child care	01	0	07	07	0	03	03	0	10	10
Low cost and nutrient efficient diet designing	02	0	15	15	0	05	05	0	20	20
Household food security	01	00	05	05	00	05	05	00	10	10
TOTAL	12	94	32	126	2	18	20	96	50	146

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										
Production and value addition										
Fruit Plants										
Bee Keeping (ARYA)	03	43	20	63	11	--	11	54	20	74
Mushroom Production (ARYA)	01	20	--	20	--	--	--	20	--	20
Soil health and fertility management										
Production of Inputs at site	02	100	--	100	--	--	--	100	--	100
Total	06	163	20	183	11	--	11	174	20	194
GRAND TOTAL	06	163	20	183	11	--	11	174	20	194

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										
Organic farming/ Natural farming										
Bee Keeping	01	25	--	25	--	--	--	25	--	25
Total	01	25	--	25	--	--	--	25	--	25
Grand Total	01	25	--	25	--	--	--	25	--	25

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	1757	1650	107	1757
Diagnostic visits	143	300	91	391
Field Day	08	300	18	318
Group discussions	06	300	--	300
Kisan Ghosthi	22	1300	105	1405
Film Show /Radio Talk	08	Mass	--	--
Self -help groups	20	250	18	268
Kisan Mela	07	1000	50	1050
Exhibition	02	280	30	310
Scientists' visit to farmers field	152	1490	99	1589
Plant/animal health camps	--	--	--	--
Farm Science Club Meeting	--	--	--	--
Ex-trainees Sammelan	--	--	--	--
Farmers' seminar/workshop	03	300	30	330
Method Demonstrations	--	--	--	--
Celebration of important days	08	800	60	860
Special day celebration	02	115	15	130
Exposure visits	08	400	--	400
Others (pl. specify)	--	--	--	--
Farmers Visit to KVK	738	650	88	738
Total	2324	6275	384	6455

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	--
Extension Literature	07
News paper coverage	09
Popular articles	02
Radio Talks	07
TV Talks	02
Animal health camps (Number of animals treated)	--
Others (pl. specify)- Book Chapter/Book /Training manual	02

Mobile Advisory Services

No. of KVKs	No. of SMSs sent	No. of farmers benefited
KVK Baghra Muzaffarnagar-I	1757	1757

EXTENSION ACTIVITIES



International Womens Day – 8th March



Kharif Abhiyan 2022



Garib Kisan Sammelan 31.05.2022



Voseo Recrding BY DD Kisan Channel on Tomato Cultivtion



Exposure Visit Krishi Unnati Mela



Exposure Visit at MHU Murthal



Innovative farmer Award 2022 Sh Yogesh Baliyan, Vill: Barwala



Press Release

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

Production of seeds by the KVKs : Nil

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (qt)	Value (Rs)	Number of farmers
Cereals	--	--	--	--	--	--
Fodder Crops	--	--	--	--	--	--
Total						NSC

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Vegetable seedlings						
Onion	Onion	ADR	--	10000	--	10
Cauliflower	Cauliflower	AZCL	--	1000	--	10
Brinjal	Brinjal	VNR-51C	--	1000	--	10
Tomato	Tomato	AZT-07	--	1000	--	8
Broccoli	Broccoli	Hybrid	--	1000	--	12
Capsicum	Capsicum	FGS1	--	1000	--	10
Total				15000		60

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilisers				
Vermi Compost	Vermi Compost	10000	6225.00	02
Worms	--	--	--	--
Total		10000	6225.00	02

Production of Bio-Products : Nil

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

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	238	238	15	35000.00
Water	--	--	--	---
Plant	62	62	50	---
Total	300	300	65	35000.00

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted
Nil	1. 01 (30.11.2022)

IX. NEWSLETTER : Nil

Name of News letter	No. of Copies printed for distribution
Nil	Nil

X. PUBLICATIONS

Category	Number
Research Paper	01
Abstract	04
Book Chapter	02
Technical reports	06
Popular Articles	02
Extension literature	07
Total	22

DETAILS OF PUBLICATION :

Research Papers Published in Journals

Name	Year	Title	Name of Journal
”. Kirti M.Tripathi, Kalpna Sharma, Laxmikant, Savita Arya, Sarita Joshi, and Veena Yadav	2021,	Genarating Awareness for different therapeutic diets in Rural Bulandshahr ,Uttar Pradesh: Application of difference in difference method	International Journal of Current Microbiology and Applied Science ,Vol 10(07),89-98

Abstracts presented in National/International Seminar Seminar

Savita Arya,Kirti M.Tripathi,Sarita Joshi	2022	Drudgery Reduction in Farm Women Through Improved Grain Cleaning Tool-Hanging Sieve in District Muzaffarnagar, Bulandshahr , and Baghpat”	5 th International Conference on Advances in Smart Agriculture and Biodiversity Conservation for Sustainable Development, March 04-06 ,2022
”Kirti M.Tripathi,Savita Arya, Sarita Joshi,	2022	The Impact of NARI program in Nutri Smart village in District Bulandshahr	5 th International Conference on Advances in Smart Agriculture and Biodiversity Conservation for Sustainable Development, March 04-06 ,2022
Kirti M.Tripathi, Laxmikant Savita Arya,and Sarita Joshi,	2022	Mahila Adhyayan Kendra : A concept to Enhance the Behavioral Knowledge of Rural Women”,	5 th International Conference on Advances in Smart Agriculture and Biodiversity Conservation for Sustainable Development, March 04-06 ,2022
Vinita Singh, Savita Arya,Kirti M.Tripathi,Sarita Joshi and Veena Yadav	2022	Biofortification : A Boon to Combat Micronutrient Malnutrition” ,	5 th International Conference on Advances in Smart Agriculture and Biodiversity Conservation for Sustainable Development, March 04-06 ,2022

Book Chapter

Kirti M.Tripathi, S.K.Dubey,Sadhna Pandey, Vivek Raj,Savita Arya,and Shiv Singh	2022	Gramin Mahilaon ke liye suksham udhyam vikas ki sambhavnayein avam yojnayein”	KRISHI PRASHIKSHAN MEIN UDHYAMITA VIKAS,New India Publishing Agency,PP 33
Savita Arya,Kirti M.Tripathi	2022	Role of Self Help Group for Self Reliance of Farm Community To Boost the Economic Status	EVERGREEN TECHNOLOGY FOR INDIAN AGRICULTURE,ISBN No.978-93-92851-18-5

Technical Reports	<ul style="list-style-type: none"> • Action Plan of KVK 2023, • Annual Progress Report Jan to Aug. 2022, • SAC Report 2022 • ARYA Progress Report 2022 • Achievement Report of KVK Rating & Impact Assessment • NICRA Impact of Technologies-09
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Extension Literature	<ol style="list-style-type: none"> 1. Natural Farming (Dr. Virendra Singh) 2. Site Specific Nutrient Management in Sugarcane (Dr. Anil Katiyar) 3. Dudhiya mushroom ki kheti 4. Khumb ke kide-makode aur sutra kirmiyo ka prabandhan 5. Dhingri (oyster) mushroom ki kheti 6. Rituo par aadhaarit mushroom ki varsh-bhar kheti 7. Prevention of Lumpy Disease
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TV Talk/Radio Talk	<ol style="list-style-type: none"> 1. Natural Farming of Sugarcane, AIR Nazibabad 2. Scientific cultivation of tomato, , AIR Nazibabad 3. Javik Kheti 04.05.22 by DD Klsan Channel 4. Natural farming 08.06.22 by DD Kisan Channel 5. Ganne me Audhinak Paidawar hetu Sasya Kriyaye 12.07.22 DD Kisan 6. Rabi season me dalhani Phasalo ke rog awam unki roktham ke upaay on 20.12.22 at AIR Naziababad 7. Pashuo me hone wale samanye rog aur unki roktham on 20.12.22 at AIR Naziababad
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XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM: Nil

XII. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/ HAILSTORM/ COLD WAVES ETC

XIII. DETAILS ON HRD ACTIVITIES :

Workshop/Seminar /Symposia/Winter/Summer School Attended:

Name of Scientist	Name of Programme	Place	Duration	Date
Dr. Anil Katiyar	National Workshop of KVKs	Solan, Himachal	02	1-2 June 2022
	Regional Kharif Gosthi	CCS Univ. Meerut	01	14.06.22
	KVK Review Meeting	Krishi Bhawan, Lucknow	01	07.07.22
	ICAR Foundation Day	ICAR, New Delhi	01	16.07.22
	Javik Kheti & Soil Health	Patanjali, Haridwar	01	27.07.22
	NABL Awareness Soil testing & Soil Health Card Workshop	SVPUA&T, Meerut	01	26.08.22
	Zonal Workshop of KVKs	SVPUA&T, Meerut	03	10-12 Sept. 2022
	IPR Workshop	SDEC	01	14.09.22
Dr. Virendra Singh	HRD Training	SVPUA&T, Meerut	02	16-17 Feb 22
	Natural Farming Trg.	IIFSR, Meerut	02	22-23 March 22
Dr. Deepak Sharma	HRD Training	SVPUA&T, Meerut	02	29-30 Aug. 22
	Natural Farming Workshop	Indra Gandhi Sansthan, LKO	01	24.09.22
Sh. A.K.Singh	HRD Training	SVPUA&T, Meerut	02	23-24 Feb. 22

XIV. Case Studies/Success Stories : 9 For (NICRA)

LINKAGES

Functional linkage with different organization

The KVK has very strong linkage with different line departments and stake holders. The KVK is involved in technical backstopping of the line departments officials and regular participation in the programmes and vice versa. The linkages with stake holders are as under.

Name of Organization	Nature of Linkage
Deptt. of Agriculture	Diagnostic survey, training, gosthi/Seminar/ Farmers Fair
Deptt. of Horticulture	Participation in meeting/demonstration/training/ Farmers Fair
Cane Deptt. & Sugar industries	Gosthies & Trainings
NABARD	Technical Support to Kisan Clubs
Basmati Export Development Foundation	Awareness of rice growers for export
NHM	Soil Testing of beneficiaries, Capacity building & Nursery management
IFFCO, KRIBHCO	Trainings/Gosthi
SBI, PSB PNB & Distt. Cooperative Bank	Trainings/Gosthi & distribution of loan in the operational area
DOMR, Bharatpur Rajasthan	Demonstration/Field Day
Animal Husbandry Deptt.	Trainings & Circulation of Extn. Material
NGO	Trainings/Gosthi

1. Details of linkage with ATMA :

Programme	Nature of Linkages	No of Programmes	No of Farmers
Training of Farmers	Transfer of new Horticultural technology	12	670

2. Linkage with NHM

Programme	Nature of Linkages	No of Programmes	No of Farmers
Training of Farmers	Transfer of new Horticultural technology	02	100

3. Linkage with State Govt. (DCO & BSA)

Programme	Nature of Linkages	No of Programmes	No of Farmers
Farmers Training	Transfer of technology	02	120

Performance of instructional farm 2021 : Nil

Name of crop	Date of sowing	Date of harvesting	Area (ha)	Details of production			Amount (Rs.)	
				Variety	Type of produce	Qty.	Cost of inputs	Net income

Utilization of Training Hall facilities : Nil

Utilization of hostel facilities : Nil

FINANCIAL PERFORMANCE

Details of KVK Bank Account

S. No.	Bank account	Name of Bank	Location	Account Number
1.	With Host Institution	SBI ,SVPUA&T, MZN	Meerut	30853163857
2.	With KVK	SBI Baghra, MZN	Baghra	11730183435

Utilization of K.V.K Funds during the year 2021-22

S.N.	Heads	Budget Sanctioned (Rs. in lakh)	Actual Expd. (Rs. in lakhs)	Balance (Rs. in lakhs)
A	Recurring Items			
1	Pay and Allowance	260.00	255.00	0.50
2	Traveling Allowance	0.90	0.66	0.24
	HRD	0.00	0.00	0.00
3	Contingencies			
a	Stationery & other Expenditure for office running	3.50	3.45	0.05
b	POL/Repair of Vehicle/Tractor	0.65	0.45	0.20
c	Vocational Training			
	i) Meals for trainees	0.90	0.67	0.23
	ii) Training material	0.35	0.35	0.00
	iii) Frontline demonstration Except oilseeds & pulses	1.20	0.99	0.21
	iv) On-Farm Testing	0.30	0.18	0.12
	v) Training of Extension Functionaries	0.05	0.03	0.02
	vi) Library Maintenance	0.05	0.00	0.05
	vii) Maintenance building	0.00	0.00	0.00
	vii) General Contingency	0.00	0.00	0.00
	Total A	203.61	200.44	3.06
B	Non-Recurring Items			
1	Works (Main building)	0.00	0.00	0.00
2	Bio Metric Attendance	0.00	0.00	0.00
	Total B	0.00	0.00	0.00
	Total (A+B)	267.90	262.84	5.51

Status of Revolving Fund (Rs. in lakhs)

Financial year	Opening balance	Income	Expenditure	Closing Balance
2018-19	677907.71	657098.00	255483.54	1079522.17
2019-20	1079522.17	162010.00	156170.00	1085362.17
2020-21	1085362.17	360701.00	182054.00	1264009.17
2021-22	1264009.17			

*Rs. 8.00 laks Fixed Deposit ,

XVI Achievement of Special programmes

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

S. No.	Name of QP/Job role	Duration (hrs)	No. of Courses Organised	No. of Participants						
				SCs/STs		Others		Total		TOTAL
				Male	Female	Male	Female	Male	Female	
1	Agriculture Extension Service Provider	200	--	--	--	--	--	--	--	--
11	Beekeeper	200	--	--	--	--	--	--	--	--
16	Dairy Farmer - Entrepreneur	200	--	--	--	--	--	--	--	--
	TOTAL	600	--	--	--	--	--	--	--	--

2) Activities performed under NARI programme

Activities	Number of activity	No. of farmers/beneficiaries
OFTs - Nutritional Garden (activity in no. of Unit)	--	--
OFTs - Bio-fortified Crops (activity in no. of Unit)	--	--
OFTs - Value addition (activity in no. of Unit/Enterprise)	--	--
OFTs - Other Enterprises (activity in no. of Unit/Enterprise) (activity in no. of Unit/Enterprise)	--	--
FLDs - Nutritional Garden (activity in no. of Unit)	10	10
FLDs - Bio-fortified Crops (activity in no. of Unit)	--	--
FLDs - Value addition (activity in no. of Unit/Enterprise)	10	10
FLD- Other Enterprises (activity in no. of Unit/Enterprise) (activity in no. of Unit/Enterprise)	--	--
Trainings	5	50
Extension Activities	2	39
Grand Total	27	109

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

Sample	No. of Samples in lakh	No. of Farmers in lakh	No. of Villages in lakh	Amount realized (Rs. in lakhs)	No. of Soil Health Cards issued (lakhs)
Soil	244	244	15	31500	244
Water	15	15	7	---	
Total	259	259	22	31500	244

4) Achievements under NICRA Project

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

5) Achievements under ARYA Project

Name of entrepreneurial units	No. of entrepreneurial units established	No. of Training programs organised	No. of rural youth trained		No. of youth established units	
			Male	Female	Male	Female
Mushroom Cultivation	20	02	40	--	20	--
Bee keeping	Nil	06	90	30	--	--
Poultry	20	01	20	--	20	--

6) NEMA (New Extension Methodologies and Approaches)

Name of Crop with variety	No. of districts	No. of Villages selected	No. of Blocks	No. of household selected	
				Adapter household	Non adapter household
Nil					

XVI Awards

S.No.	Name of Award received	Name of KVK/farmer	Year of Award	Date on which award received
1	Best Innovative farmer Award	Sh. Yogesh Baliyan	2022	March 2022

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

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