KRISHI VIGYAN KENDRA, MORADABAD-I
APR SUMMARY

1.Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	71	1051	384	1435
Rural youths	08	66	12	78
Extension functionaries	27	550	70	620
Sponsored Training	01	50	-	50
Vocational Training	--	-	-	-
Total	107	1717	466	2183

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	75	30.00	-
Pulses	90	36.00	-
Cereals	82	21.4	-
Vegetables	60	7.00	-
Other crops	75	27.25	-
Hybrid crops	00	00	-
Total	382	121.65	-
Livestock & Fisheries	65	-	65
Other enterprises	55	3.0	-
Total	120	3.0	65
Grand Total	502	124.65	65

3. Technology Assessment & Refinement

Category	No. of Technology Assessed	No. of Trials	No. of Farmers
Technology Assessed			
Crops	06	38	38
Livestock	02	30	30
Various enterprises	02	20	20
Total	10	98	98
Technology Refined			
Crops	-	-	-
Livestock	-	-	-
Various enterprises	-	-	-
Total	-	-	-
Grand Total	10	98	98

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	800	18746
Other extension activities	117	-
Total	917	18746

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	127	-	20	05	45	-	197
	Voice only	353	46	52	19	61	-	531
	Voice & Text both	73	18	85	36	142	24	378
	Total Messages	**553**	**64**	**157**	**60**	**248**	**24**	**1106**
	Total farmers Benefitted	**6600**	**205**	**690**	**730**	**1250**	**170**	**9645**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	407.98	-
Planting material (No.)	109200	62675.00
Bio-Products (kg)	16 q and 350 Kg	
Livestock Production (No.)	-	-
Fishery production (No.)	-	-

7. Soil, water & plant Analysis

Samples	No. of farmers	Value Rs.
Soil	410	82000.00
Water	-	-
Plant	-	-
Total	**410**	**82000.00**

8. HRD and Publications

Sr. No.	Category	Number	No. of participants
1	Workshops	02	02
2	Conferences	-	-
3	Meetings	15	-
4	Trainings for KVK officials	03	06
5	Visits of KVK officials	04	04
6	Book published		
7	Training Manual		
8	Book chapters		
9	Research papers		
10	Lead papers		
11	Seminar papers		
12	Extension folder	05	05
13	Proceedings	01	01
14	Award & recognition		

15	On going research projects		

DETAIL REPORT OF APR- (Jan, 2023 to December, 2023)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
Krishi Vigyan Kendra Rustam Nagar, Bilari, Moardabad - I (U.P.) - 202411	Office	FAX	moradabadkvk@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
S.V.P.U. Agri. & Tech., Meerut (U.P.) - 250110			

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. R.K.Singh		9412809032	moradabadkvk@gmail.com

1.4. Year of sanction: **2004**

1.5. Staff Position (as on 31st December, 2023)

Sl. No.	Sanctioned post	Name of the incumbent	Design-ation	Subject	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman-ent /Temp-orary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Programme Coordinator	Dr. R.K. Singh	Professor & Head.	Agrl.Extn.	144200-218200	205600	14-10-2010	Permanent	OBC	9412809032	59	moradabadkvk@gmail.com
2	Subject Matter Specialist	Dr. Manoj Kumar	SMS/ Asst. Prof.	Animal Husbandry & Dairying	79800-211500	107200	26-12-2008	Permanent	GEN	9369156642	52	dr.manojktomar@gmail.com
3	Subject Matter Specialist	Vacant.		-	-	-	-	-				
4	Subject Matter Specialist	Sh. Lalit Kumar	SMS	Agronomy	56100-177500	57800	01-07-2022	-	OBC	9027033722	38	way2lalitsingh@gmail.com
5	Subject Matter Specialist	Dr. Vishvendra	SMS	Pl. Protection	56100-177500	57800	01-07-2022	-	OBC	9634464030	31	vishvendrapanwar92@gmail.com
6	Subject Matter Specialist	Dr. Neha Singh	SMS	Home Science	56100-177500	57800	13-07-2022	-	OBC	8290115598	30	neha8293@rediffmail.com
7	Subject Matter Specialist	Dr. Shiv Shankar Verma	SMS	Horticulture	56100-177500	57800	25-08-2022	-	OBC	9451000993	36	vermasshorti@gmail.com
8	Programme Assistant	Vacant.		-	-	-	-	-	-	-	-	-
9	Computer Programmer	Vacant.		-	-	-	-	-	-	-	-	-
10	Farm Manager	Dr. Ramashary Yadav	Farm Manager	Plant Breed	44900-142400	56900	22-07-2008	Permanent	OBC	9759173168	54	
11	Accountant / Superintendent	Sri. Sanjay Kumar Sharma	OS/ Accountant	Accounts	47600-151100	74300	18-09-2000	Permanent	OBC	9412650468	51	sksharmakvk@gmail.com
12	Stenographer	Sri. Ajay Tomar	Stenographer/ computer op.	-	29200-92300	44100	30-07-2007	Permanent	GEN	8171960800	41	ajaytomarmbd@gmail.com
13	Driver	Sh. Amrish kumar Sharma	Driver		29200-92300	48200	01.07.1998	Permanent	GEN	9997889985	48	
14	Driver	Vacant	-	-	-	-	-	-	-	-	-	-
15	Supporting staff	Vacant	-	-	-	-	-	-	-	-	-	-

16	Supporting staff	Sri Sarvesh Kumar	Attendant		19900-56900	30200	27-02-2008	Permanent	OBC	9760866548	41	

1.6. Total land with KVK (in ha) : 17.5

S. No.	Item	Area (ha)
1	Under Buildings	2.7984
2.	Under Demonstration Units	0.8016
3.	Under Crops	11.9000
4.	Orchard/Agro-forestry	2.0000
5.	Others (specify)	-

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				Completed
2.	Farmers Hostel	ICAR		300				-do-
3.	Staff Quarters (6)	ICAR		431				-do-
4.	Demonstration Units (2)	ICAR		160				-do-
5	Fencing	ICAR		2000 R/M				-do-
6	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	ICAR		300				-do-
8	Farm go down	ICAR		60				-do-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2021	6.56	561hours	Good condition
Motor cycle	2008	0.52	52202	Good condition

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
L.C.D. Projector	2007	57000.00	Good condition
Hand Rotary Fan	2006	1161.00	Good condition
Trailer for Tractor	2006	64524.00	Good condition

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

Sl.No.	Name of participants	Designation	Silent Recommendations	Action taken
1	Mk0ih0ds 0 flag	funs"kd izlkj l0o0i0 d`f'k ,oa izkS0] fo0fo0] esjB	1. oSKkfudks ds }kjk ,Q0ih0vks0 ds lnL;ks dks izf"k{k.k ds ek/;e ls Qlyksa dh mUur fdLeksa dk izpkj izlkj fd;k tk;saA	funsZ"k ds vuqlkj dk;Zokgh dh tk;sxhA
			2. Qlyksa ds mUur fdLe ds cht izkIr djus gsrw fofHkUu laLFkkuks ds cht iksVZy dk izpkj&izlkj fd;k tk;sA	funsZ"k ds vuqlkj dk;Zokgh dh tk;sxhA
			3- dsUnz }kjk eksVs vukt ij fo"ks'k tkx:drk dk;Zdze pyk;k tk;saA	funsZ"k ds vuqlkj eksVs vukt ij fo"ks'k tkx:drk dk;Zdze pyk;k tk jgk gSA
			4- ck;ksQksfVZQkbM fdLeksa dk izpkj&izlkj fd;k tk;saA	Jh yfyr dqekj o Mk0 f"ko"kadj oekZ
			5- ftys dh eq[; Qlyksa ij izkFkfedrk ds vk/kkj ij iznZ"ku vk;ksftr fd;s tk;sA	lHkh oSKkfud
2	Mk0 ds0th0 ;kno	izk/;kid ¼lL; foKku½ izlkj funs"kky; l0o0i0 d`f'k ,oa izkS0] fo0fo0] esjB	5- vkyw Qly ds mUur fdLeksa dh miyC/krk ,oa izpkj&izlkj fd;k tk;saA	Mk0 f"ko"kadj oekZ
3	Jh fo"kky nhf{kr	,y0Mh0,e0] eqjknkcknA	6- tSfod [ksrh dks c<+kok nsus gsrw izpkj&izlkj fd;k tk;sA	Mk0 eukst dqekj
4	Jh jtr lgxy	Mh0Mh0,e0]uok MZ eqjknkcknA	7- izf"k{k.k dk p;u djrs le; m|ferk fodkl dks Hkh /;ku esa j[kk tk;saA	lHkh oSKkfud
5	Mk0 nhid esganhjR Rkk	lEekfur lnL;	8- izf"k{k.k nsusa ls iwoZ Cykad fpfUgr fd;k tk;saA	lHkh oSKkfud
6	Jh j?kqir flag	izxfr"khy d`'kd	9- xUus esa Qly pdz viukus gsrw O;kid izpkj&izlkj fd;k tk;sA	Jh yfyr dqekj

7	**Jherh xkxhZ pkSgku**	**lEekfur lnL;k] efgyk d`'kd**	10- efgykvksa dh vkthfodk ,oa vk; l`tu gsrq izf"k{k.k vk;ksftr djk;sA	Mk0 usgk flga

2. DETAILS OF MICRO-FARMING SITUATIONS OF THE DISTRICT

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

S. No	Farming system/enterprise
1.	**Major crops –** Paddy, wheat, Mustard, Sugarcane, Mentha, Black Gram, Potato.
2.	**Crop rotation –** Rice- Sugarcane, Rice- Wheat, Urd-Mustard-Mentha, Jawar-Mustard- Mentha.
3.	Agriculture + Hort. + Livestock
4.	Agri. + Livestock
5.	Landless + Livestock

2.2 Description of agro-ecological situations (based on soil and topography)
2.1 Micro-farming situations

a) Characteristics

S. No.	Agro-Ecological situations (AES)	Existing Farming System (Crop + livestock + others)	Major soil types
1	**I- Central western plain zone of the district (Moradabad)**	Paddy, wheat, sugarcane, Mustard, Mentha, Poplar + vegetables,+ A.H. (Cow, buffalo)	**-Loam and clay loam with high fertility - medium rainfall**
2	**II. Central western Plain zone/ Central east southern region of the district (Bilari)**	Paddy, wheat, Mentha, sugarcane, Urd bean, mustard + horticulture + A.H(Cow, buffalo)	**-Sandy loam to loam soil of medium fertility - medium rainfall**
3	**III Central western plain zone/ central region of the district (Mundapandey, Kundarki)**	Paddy, wheat, sugarcane,Cabbage based systems + poplar + A.H. (Cow, buffalo)+ Horticultural crops	**-Sandy loam to loam and clay soil of medium fertility - medium rainfall**

b) Land Characteristics

S.No	Agro-Ecological Situation (AES)	Topography	Drainage
1.	**AES-1 (Moradabad)**	The soils of this AES are loam, clay loam and are generally fertile. This area is nearby districtheadquarters. Some parts in this AES are low lying where sugarcane crop is cultivated. Water logging problem	**Some parts in this AES are low lying hence conditions like waterlog prevailed during rains. Drainage is a problem in some part of the AES.**

		occurs in Kharif. This AES hastwo rivers namely Ram Ganga and Gangan.	
2.	**AES-2 (Bilari)**	The soils of this AES are generally loam, sandy loam and clay loam on few areas fertility level is a average. There is not any river and canal in this area. Main source of irrigation is ground water.	**Drainage is not a major problem. Aaril-A dry river also exist in this AES.**
3.	**AES-3 (Mundapandey, Kundarki)**	**AES-3 some part of this area is Low laying area. Due to fertile land there are many orchards in this AES Good connectivity through roads available.**	**Major part of this AES has not any problem of drainage but some part has face flood in rainy seasons**

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c) AES-wise major problems

S.No	Agro-Ecological Situation (AES)	Major problems	Rank
1.	**AES-1 The soils of this AES are loam, sandy loam and are generally fertile. Some parts in this AES are low lying where Paddy is cultivated in Kharif. This AES is mainly irrigated by Tubewells and quality of water is suitable for irrigation. The main crops of this AES are Paddy, wheat, sugarcane, Mustard, Mentha, Poplar and vegetables, Floriculture and some fruit crops are also grown. (Moradabad)**	• Disease infection • Insect infestation • Less availability of newly released HYV • Weed infestation. • Temporary wilting, permanent wilting due to aberrant weather condition • In winter season sudden change in night temperature causes frost	**I** **I** **I** **II** **III** **III**
2.	**AES-2 The soils of this AES are generally loam to sandy loam soil and average fertile. The main crops of this AES are Paddy, Wheat, Mentha, Sugarcane, Mustard, Urd bean, and horticultural crops (Bilari)**	• Disease infection • Insect -pest incidence. • Less availability of newly released HYV • Weed infestation. • No use of organic manures/ green manuring is main reason of low productivity. • Broad cast method of sowing. • Regular Paddy-Wheat cropping system responsible for low productivity and less fertility of soil. • Flood Method of irrigation • Improper way of storing cow dung in open pits	**I** **I** **I** **II** **III** **III** **III** **III** **III**
3.	**AES-3 The AES is Partially waterlogged. Sandy loam to loam and clay soil of medium fertility. The quality of water for irrigation is good. Main crops of this AES are Paddy, wheat, sugarcane, and horticultural**	• Disease infection • Insect -pest incidence. • Less availability of newly released HYV • Unavailability of green fodder around the year for animal	**I** **I** **I** **II**

	crops **(Mundapandey, Kundarki)**	• Weed infestation. • Lack of awareness to sex sorted semen • 90 % of farmers are marginal in holding	**II** **III** **III**

2.1 **Major farming systems/enterprises (based on the PRA done by the KVK)**

S. No	Farming system/enterprise
	Major crops – Paddy, Wheat, Mustard, Sugarcane, Mentha, Lentil, Potato. **Crop rotation–** Rice-Sugarcane, Rice- Wheat, Urd-Mustard-Mentha, Jowar-Mustard-Mentha Agriculture + Hort. + Livestock Agri. + Livestock Landless + Livestock

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

S. No	Agro-climatic Zone	Agro-ecological situations based on soil & topography	Characteristics
	Western Plain Zone		The Zone is fertile region with sand and clayey soil and receives 700-1000 mm annual rainfall.

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

S. No	Crops	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
1.	Wheat	121331	507285	**41.81**
2.	Lentil	805	487	**6.05**
3.	Mustard	9240	14451	**15.64**
4.	Barley	7	21	**30.68**
5.	Gram	22	30	**13.49**
6.	Field Pea	213	330	**15.49**
7.	Toria	11409	-	**-**
8.	Paddy (Rice)	93852	271232	**28.90**
9.	Bajra	2938	5538	**18.85**
10.	Urd	4211	5003	**11.88**
11.	Sugarcane	76557	5937761	**775.36 (2021- 22)**

Source – **D.A.O Office Moradabad**

2.5. **Weather data**

Month	**Rainfall (mm) Year 2023**	**Temperature ^{0} C**		**Relative Humidity (%)**
		Maximum	Minimum	
Jan	14.57	-	-	-
Feb	0.00	-	-	-
March	15.67	-	-	-
April	107.09	-	-	-
May	136.91	-	-	-
June	182.84	-	-	-
July	328.01	-	-	-
Aug	-	-	-	-
Sept.	-	-	-	-
Oct.	-	-	-	-
Nov.	-	-	-	-
Dec.	-	-	-	-
Total rainfall	-	-	-	-
Average rainfall	**950.00**	-	-	-

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

Category	**Population**	**Production**	**Productivity**
Cattle			
Crossbred	**11824**	**Data not available**	**Data not available**
Indigenous	**58421**		
Buffalo	**240704**		
Sheep			
Crossbred	**220**		
Indigenous	**40082**		
Goats	**208768**		
Pigs	**11195**		

Crossbred	**3165**		
Indigenous	**27159**		
Rabbits	-		
Poultry			
Hens	-		
Desi	-		
Improved	-		
Ducks	-		
Turkey and others			

Category	**Area**	**Production**	**Productivity**
Fish	**172**	**5051**	**29.36**
Marine			
Inland			
Prawn			
Scampi			
Shrimp			

2.7 Details of Operational area / Villages (31st March, 2023)

S. No.	Taluk/ Village	Name of block	Major crops & enterprises	Existing yield (q/ha, number/year)	Major problem identified	Identified thrust area
1	Vijaypur	Bilari	Paddy Wheat Mentha Potato Sponge Gourd Brinjal Tomato Cauliflower Dairy	32.70 42.48 125lt 220 80.8 124.00 350 90.35 19.40	• Low Productivity of paddy, wheat, etc. The main reason of low yield is due to lack of high yielding varieties and stem borer and different diseases in Paddy and wheat crop. • Unavailability of new mentha variety is main reason for low productivity. • Late blight is one of the most destructive and main reason for low productivity of potato. • Fruit fly and YMV infestation is one of the main reasons of the low productivity. Fruit and shoot borer is the main problem in brinjal. • Low milk production and sterility problem in animals especially in cattle and lack of awareness about good breeds of animals and artificial insemination.	• Integrated plant nutrient management in rice -wheat cropping. • IPM in crops • Promotion of new released varieties. • Promotion of income generating crops. • Awareness towards drudgery reduction tools or technologies

					• Different diseases in cattle. • The main reason of low yield in cereals, Mentha and vegetables is due to lack of high yielding varieties. • Imbalance use of fertilizer & less awareness of insect and disease control timely. • High drudgery faced by farm women during agricultural & household chores • Low- or no-income generation among SHGs	• Lack of marketing knowledge and skill orientation • Dairy management
2	Sandalpur	Kundarki	Paddy Wheat Sugarcane Potato Cauliflower Tomato Chilli, Carrot Sponge Gourd Dairy	33.8 41.70 823.00 225.15 100.8 370 32.50 90 90.60 23.50	• Low Productivity of paddy, wheat, etc. The main reason of low yield is due to lack of high yielding varieties and stem borer and different diseases in Paddy and wheat crops. • Farmer faces severe infestation of top borer, red rot and pokka boing in Sugarcane crop. • Late blight in Potato crop. • DBM in cauliflower. Fruit fly and YMV in Sponge Gourd • Low milk production and sterility problem in animals especially in cattle and lack of awareness about good breeds of animals and artificial insemination. • Different diseases in cattle. • Lack of awareness regarding balance use of fertilizer. • Need soil testing. • Lack of knowledge about improved varieties of different crops. • High drudgery faced by farm women during agricultural & household chores • Low- or no-income generation among SHGs	• Integrated plant nutrient management in rice -wheat cropping. • IPM in crops • Promotion of new released varieties. • Promotion of income generating crops. • Awareness towards drudgery reduction tools or technologies • Lack of marketing knowledge and skill orientation. • Dairy management

3	Hasanpur Roop Patti	Bilari	Paddy Wheat Potato Cauliflower Sugarcane, Mustard Mentha Dairy	38.90 42.50 260 93.90 920 14.40 115 28	• Low Productivity of paddy, wheat, etc. The main reason of low yield is due to lack of high yielding varieties and stem borer and different diseases in Paddy and wheat crops. • Farmer faces severe infestation of top borer, red rot and pokka boing in Sugarcane crop, Stem borer and different diseases in Paddy crop. • Low milk production and sterility problem in animals especially in cattle and lack of awareness about good breeds of animals and artificial insemination. • Different diseases in cattle. • Lack of awareness regarding balance use of fertilizer. • Need soil testing. • Lack of knowledge about improved varieties of different crops. • High drudgery faced by farm women during agricultural & household chores • Low- or no-income generation among SHGs	• Integrated plant nutrient management in rice -wheat cropping. • IPM in crops • Promotion of new released varieties. • Promotion of income generating crops. • Awareness towards drudgery reduction tools or technologies • Lack of marketing knowledge and skill orientation. • Dairy management
4.	Sonakpur	Kunderki	Paddy Wheat Sugarcane Mustard Dairy	37.3 40.50 780 15 32	• Farmer faces severe infestation of top borer, red rot and pokka boing in Sugarcane crop. • Stem borer and different diseases in Paddy crop. • Low milk production and sterility problem in animals especially in cattle and lack of awareness about good breeds of animals and artificial insemination. • Different diseases in cattle. • Lack of awareness regarding balance use of fertilizer. • Need soil testing.	• Integrated plant nutrient management in rice -wheat cropping. • IPM in crops • Promotion of new released varieties. • Promotion of income generating crops. • Awareness towards drudgery

					• Lack of knowledge about improved varieties of different crops. • High drudgery faced by farm women during agricultural & household chores • Low- or no-income generation among SHGs	reduction tools or technologies • Lack of marketing knowledge and skill orientation. • Dairy management
5	Salempur Banger.	Morad-abad	Potato Sponge Gourd Chili Tomato Cauliflower Wheat Paddy Brinjal	236.90 87.00 30.25 296.50 89.60 42.50 41.50 125.50	• Infestation of Late Blight and black scurf is the major problem in Potato. • Fruit fly and YMV infestation is one of the main reasons of the low productivity. • Fruit rot and wilting is the main problem in Chili. • DBM in cauliflower. Fruit fly and YMV in Sponge Gourd • Low milk production and sterility problem in animals especially in cattle and lack of awareness about good breeds of animals and artificial insemination. • Different diseases in cattle. • Lack of awareness regarding balance use of fertilizer. • Need soil testing. • Lack of knowledge about improved varieties of different crops. • High drudgery faced by farm women during agricultural & household chores • Low- or no-income generation among SHGs	• Integrated plant nutrient management in rice -wheat cropping. • IPM in crops • Promotion of new released varieties. • Promotion of income generating crops. • Awareness towards drudgery reduction tools or technologies • Lack of marketing knowledge and skill orientation. • Dairy management

2.8 Priority/thrust areas

S,No.	Crop Enterprise	Thrust area
1.	Rice/Wheat	Integrated plant nutrient management in rice -wheat cropping.
2.	Rice/Wheat	Integrated weed management in rice - wheat cropping
3.	Pulses	Enhancing the area under Kharif & Rabi pulses
4.	Oil seeds	Enhancing the area under Kharif & Rabi oil seeds.
5.	Cereals/Pulses/ Oil seeds/ Vegetables	IPM in crops
6.	Cereals/Pulses/ Oil seeds/ Vegetables	Promotion of new released varieties.
7.	Seed production	Promotion of seed production in different crops.
8.	Mango	Rejuvenation of old mango orchards
9.	Guava	Management of Guava orchards.
10.	Vegetables	Promotion of organic farming in vegetables.
11.	Floriculture	Promotion of income generating crops.
12.	Bee-keeping	Popularization of Bee-keeping
13.	Vermi compost	Popularization of Vermi composting
14.	Dairy	Dairy Management
15.	Paddy	Drudgery Reduction

3. TECHNICAL ACHIEVEMENTS

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

OFT (Technology Assessment)				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
10	10	48	88	66	66	165	165 (CFLD)
				78	58.65	230	337

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	75	71	1500	1435	400	800	4000	18746
Rural youth	07	08	70	78				
Extn. Functionaries	25	27	500	620				
FTT	-	01	-	50				
Total	107	107	2070	2183				

Seed Production (q)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
200	407.98	-	20000	109200	56

I.A TECHNOLOGY ASSESSMENT

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management				
Varietal Evaluation	Paddy	Evaluation of improved variety of Basmati rice (PB-1847)	01	05
	Vegetable pea	Assessment of Vegetable pea variety –Kashi Ageti Matar	01	05
Integrated Pest Management	Paddy	Management of Brown Plant Hopper in paddy crop.	01	10
Integrated Crop Management				
Integrated Disease Management	Paddy	Management of Sheath Blight in paddy crop.	01	08
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	Paddy	Assessment of Manual Operated Paddy winnower developed at CRRI,Cuttack (Orissa) for drudgery reduction and efficiency enhancement for farm women	01	05
	Sugarcane	Assessment of sugarcane stripper (manual operated IISR model) in drudgery reduction	01	15
Storage Technique				
Others. Intercropping	Sugarcane	Management of intercropping of mustard in Sugarcane crop.	01	05
. Other . Nutrient Management	Guava	Use of proper dose of NPK with organic manure	01	05
Total			**08**	**58**

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	Backyard Poultry	Kladaknath	1	10
Feed and Fodder management				
Nutrition Management				
Production and Management				
Others (Pl. specify) Repeat Breeding Problem in Buffalo	Buffalo	Gonodotrphin harmone	1	20
Total			**02**	**30**

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 ASSESSMENT IN DETAIL

OFT- 1 Crop Production

INTEGRATED CROP MANAGEMENT
(Autumn 2022-23)

Problem definition: Lower income from sugarcane mono crop cultivation.

Technology Assessed: Management of Intercropping of mustard in autumn planted sugarcane.

Sugarcane is the main cash crop in western uttar Pradesh. It is risk free crop and most adaptive in agro climatic conditions of western U.P. Majority of the farmers like to plant sole crop of sugarcane which provide less returns. KVK, Moradabad-1 conducted on-farm trial to assess effect of intercropping on net return of planting of sugarcane and growing mustard between two rows of sugarcane to assessed the CEY (Cane equivalent yield).

Table Performance of Intercropping of mustard in autumn planted sugarcane.

Technology Option	No.of trials	Major parameter			Cane equivalent yield (qt./ha)	Advantages(%)	Net Returns (Rs../ha)
		Cane hight(cm)	Mustard yield (qt/ha)	Cane yield			
Planting sugarcane at 32 inch row spacing (Farmers Practice)	5	168	-	811	811	-	194132
Paired row planting at 32 inch spacing + growing intercrop between two rows (Mustard)		198	17.75	822	1077	32.79	267153

Recommendation	Intercropping of mustard with autumn planting sugarcane gives higher returns because of additional yield of mustard.
Farmers reactions	Intercropping of mustard with autumn planting sugarcane gives higher returns and not any loss in cane crop and additional returns with mustard.
Date of Sowing & harvesting	24/10/22 to 31/10/22 01/12/23 to 28/12/23

Selling price- Mustard Rs. 5050/q.
Sugarcane Rs. 350/q.

OFT - 2 Crop Production

VARIETAL EVALUATION
(Kharif 2023)

Problem definition: Low yield of paddy due to use of old basmati variety.

Technology Assessed: Evaluation of improved Paddy variety- PB - 1847.

Paddy is the main kharif crop of western uttar Pradesh. Pusa Basmati 1509 is the most preferred variety of farmers. In year 2021 Pusa Basmati 1847 variety released viz. resistant blast and bacterial leaf blight and Improved version of PB-1509 paddy variety. KVK, Moradabad-1 conducted on-farm trial to access effect of improved paddy variety PB-1847. Paddy variety PB-1847 had realized a net return of Rs. 78610 per hectare as compared to farmer practices with net return of Rs. 61737 per hectare. (27.33% increase in net return per hectare)

Table - Performance of improved variety of paddy.

Technology Option	No. of trials	Major parameter			Yield (qt./ha)	Advantage (%)	Net Returns (Rs.in
		(Effective tillers per mt^2)	Pt. hight(cm)	Days of maturity			
T_1 – Farmers practice PD - 1509	5	155	102	113	41.12	-	78610
T_2 – PB - 1847		178	108	129	47.40	15.27	61737

Recommendation	Paddy variety PB-1847 provide higher returns. It is improved variety and resistant to Bacterial leaf blight and Blast disease.
Farmers reactions	Use of PB-1847 variety is profitable in terms of yield. There is zero Bakane disease infestation over PB-1509 but delayed maturity then Pb-1509
Date of Sowing & harvesting	25- 29 June, 2023 & 16- 22 Oct. 2023.

Sale Price-3000 Rs./q.

OFT – 3 Horticulture

NUTRIENT MANAGEMENT
(Kharif 2023)

Problem definition: Imbalance and improper use of major and micro nutrient.

Technology Assessed: - Use of proper dose of NPK with organic manure

Guava is a very important commercial crop called poor's man apple. Guava used as table purpose, RTS and for Jelly preparation. KVK Moradabad has conducted on-farm trial for loss in quantity and qualitative traits in guava. OFT was conducted to replace the improper use of nutrients in guava crop for better quality crop. Proper use of NPK dose and organic manure with light pruning in guava in month of may- june to inhance the next bahar fruiting and quality of guava fruits.

Table: - proper use of NPK dose in Guava (L-49)

Technology Option	No. of trials	No. of Fruits per plant	Fruit size(cm)		Fruit weight (gm)	Yield/ plant (kg)
			Length	Diameter		
T_1– Farmers practice (500gm N: 250gm P: 500gm K)/ Tree	05	250.70	6.12	5.49	120.16	29.51
T_2 – 360gm N: 180gm P: 360gm K / Tree		327.30	6.33	5.75	140.50	45.89

Recommendation	Judicious use of NPK dose with organic manure and light pruning is very effective to inhance the quality and quantity of guava fruit and also helps in crop regulation in guava crops.
Farmers reactions	Farmers said that with proper dose of fertilizer application with organic manure is effective to reduce expenditure and inhance the quality of fruits and the major problems solve the next season bearing.
Date of Distribution & harvesting	07 June 2023 14-20 September, 2023

OFT - 4 Horticulture

VARIETAL EVALUATION
(Rabi 2023-24)

Problem definition: Low yield of vegetable pea due to old varieties.
Technology Assessed: - Assessment of Vegetable pea variety –Kashi Ageti Matar

Vegetable pea is a very important commercial crop. Vegetable pea used as major vegetable. KVK Moradabad has conducted on-farm trial for management of Low yield of Vegetable pea. OFT was conducted to replace the older varieties of vegetable pea to maximize the net profit of vegetables farmers.

Table:- Performance of onion variety - Kashi Ageti Matar

Technology Option	No.of trials	Major Parameters			Yield (q./ha)	% Increase in yield over farmer's practice	Net return (Rs./ha)	B:C Ratio
		Duration(Days)	Pt. Height (cm.)	No. of pod /plant				
T_1 – Farmers practice - Arkil	05							
T_2 - Kashi Ageti Matar								

Recommendation	
Farmers reactions	
Date of Sowing & harvesting	01 - 10 Oct 2023

Result Awaited

OFT – 5

LIVE STOCK ENTERPRISES

Problem definition: High problem of repeat breeding in cows in Moradabad.

Technology Assessed : Effect of Gonadotropin to control of repeat breeding.

KVK, Bilari conducted a trial to find out suitable solution for repeat breeding in cattle/cows with the use of Gonadotropin harmone @ 2.5 ml before two hours of AI.

Table Effect of Gonadotropin in control of repeat breeding

Technology Option	No.of trials	Percent incidence of repeat breeding
T_1 - Generally farmers use heena @ 30 gm per dose after AI. (Farmers practice)	20	
T_2 - Use of "**Gonadotropin**" before two hour of AI @ 2.5 ml. (Recommended practice)		

Recommendation	
Farmers reactions	

Result awaited

OFT – 6

LIVE STOCK ENTERPRISES

Problem definition: Low income and high mortality of unknown breed of poultry.

Technology Assessed: Assessment of desi breed (Kadaknath) of poultry.

KVK, Bilari conducted a trial to find out suitable solution for low income and high mortality in poultry with the use of desi breed (Kadaknath).

Table Effect of Gonadotropin in control of repeat breeding

Technology Option	No.of trials	Percent mortality	Income
T_1 - Unknown breed of poultry. (Farmers practice)	10		
T_2 – Kadaknath breed.			

Recommendation	
Farmers reactions	

Result awaited

OFT - 7 Plant Protection

PEST AND DISEASE MANAGEMENT

Problem definition: Heavy infection of sheath blight in paddy crop effecting yield loss of 25-35% and income loss of Rs. 35000/ha.

Technology Assessed:- Management of sheath blight in paddy crop.

Paddy is a very important commercial crop of Uttar Pradesh and due to sheath blight infection in paddy crop a huge loss in crop yield faced by the farming community. KVK Moradabad has conducted on-farm trial for management of sheath blight. The refined technology of foliar application of Tebuconazole 50%+Trifloxistrobin 25% @ 80 gm/acre reduces the infection of sheath blight up to 84.65 % and yield increased by 12.09 %.

Table:- Effect of Tebuconazole 50%+Trifloxistrobin 25% in Management of sheath blight in Paddy crop

Technology Option	No. of trials	Infection of Sheath Blight (%)	Yield (kg/ha)	% Increase in yield over farmer's practice	Reduction infection of Sheath Blight (%)	Net Return (Rs./ha)	B:C Ratio
T_1 :Farmers practice (use of Propiconazole 25% EC @ 200 gm/acre	08	10.62 %	43.75	--	-	73125	1:2.17
T_2: Use of Tebuconazole 50% + Trifloxistrobin 25% @ 80 gm/acre.		1.63 %	49.77	12.09%	84.65	89987	1:2.39

Recommendation	Tebuconazole 50% + Trifloxistrobin 25% @ 80 gm/acre is very effective against reduction of Sheath blight infection and increase crop yield 12.09 % as compared to farmer practice.
Farmers reactions	Farmers said single application of Tebuconazole 50% + Trifloxistrobin 25% @ 80 gm/acre gives very good results against sheath blight and other diseases.
Date of transplanting & harvesting	24/06/23 to 03/07/23 02/10/2023 to 18/10/23

Sale Rate 3100/q

OFT - 8 Plant Protection

PEST AND DISEASE MANAGEMENT

Problem definition: Infestation of brown plant hopper in paddy crop effecting yield loss of 60% and income loss of Rs. 50000-60000/ha.

Technology Assessed:- Management of brown plant hopper in paddy crop.

Paddy is a very important commercial crop and growing largest area of Uttar Pradesh and India and due to various insects-pest infestations in paddy crop a huge loss in crop yield faced by the farming community. Brown plant hopper is one of the most destructive insect of paddy crop. KVK Moradabad has conducted on-farm trial for management of brown plant hopper. The refined technology of foliar application of Dinotefuron 15%+ Pymetrozine 45% @ 133 gm/acre reduces the infestation of brown plant hopper up to 92.91 % and yield increased by 7.61 %.

Table:- Effect of Dinotefuron 15%+ Pymetrozine 45% in management of brown plant hopper in Paddy crop.

Technology Option	No. of trials	Infestation of BPH (No. per 5 hill)	Yield (kg/ha)	% Increase in yield over farmer's practice	Reduction infestation of BPH (%)	Net Return (Rs./ha)	B:C Ratio
T_1 :Farmers practice (use of Imidacloprid 17.8% SL @ 50 ml/acre	10	230.54	50.35	--	-	57505-/	1:1.98
T_2: Use of Dinotefuron 15%+ Pymetrozine 45% @ 133 gm/acre		16.34	54.50	07.61%	92.91	65550-/	1:2.10

Recommendation	Dinotefuron 15%+ Pymetrozine 45% @ 133 gm/acre is very effective against BPH and increase crop yield 07.61 % as compared to farmer practice.
Farmers reactions	Farmers said single application of Dinotefuron 15%+ Pymetrozine 45% @ 133 gm/acre gives very good efficacy against BPH.
Date of transplanting & harvesting	25/06/23 to 28/07/23 29/09/2023 to 21/10/23

Sale Rate 3100/q

OFT 9 Home Science

DRUDGERY REDUCTION
KHARIF (2023-24)

Problem definition: Low efficiency and high drudgery involved in winnowing of paddy

Technology Assessed : Assessment of Manual Operated Paddy winnower developed at CRRI, Cuttack (Orissa) for drudgery reduction and efficiency enhancement for 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. 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.

S.No.	Technical Observation	No. of farm women	Farm Women Practice (Using shovels and a sieve)	Paddy Winnower (CRRI,Cuttack Model)	Percentage Increase
A)	Quantity cleaned (Kg/hr)	5	60 Kg	150 Kg	150 %
B)	Heart rate				
	At rest		72	72	0
	After 1 hr cleaning		90	79	12%
C)	Energy Expenditure **(0.15XHR-8.72)**		4.78	3.13	1.65 times more energy expenditure in farm women practice
D)	Frequency of Postural Change		4-5 Times	1-2 times	-

Technical Feedback/Recommendations :

1. Easy in use
2. Time saving /time efficient
3. Less Fatigue
4. More efficient because less energy expenditure occurs while using this drudgery tool
5. Normal heart rate while doing the activity

Farm women/Rural women Feedback:

Farm Women liked manual operated paddy winnower (CRRI,Cuttack Model) over shovel and sieve, as maximum work output was observed by using the paddy winnower (CRRI,Cuttack Model) .

OFT – 10 Home Science

DRUDGERY REDUCTION
RABI (2023-24)

Problem definition: Low efficiency and high drudgery involved in Stripping of sugarcane leaves.
.

Technology Assessed: Assessment of sugarcane stripper (manual operated IISR model) in drudgery reduction

KVK, Bilari conducted a trial to find out suitable solution for Low efficiency and high drudgery involved in Stripping of sugarcane leaves by farm women which sometimes leads to physical injury / occupational hazards.
.

Table Effect of sugarcane stripper (manual operated IISR model)

S.No.	Technical Observation	No. of farm women	Farm Women Practice (Using traditional sickle)	sugarcane stripper (manual operated IISR model)	Percentage Increase
A)	Quantity of sugarcane stripping (Kg/hr)	15			
B)	Heart rate				
	At rest				
	After 1 hr sugarcane stripping				
C)	Energy Expenditure **(0.15XHR-8.72)**				
D)	Frequency of Postural Change				

Recommendation	
Farmers reactions	

Result awaited

II. FRONTLINE DEMONSTRATION

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

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

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1	Paddy	INM	Use of water soluble fertilizer 18:18:18 NPK @ 12.5 Kg/ha. (Three spray)	Through training prog., Gosthi, Electronic & Print media, Kisan Mela	21	45	25
2	Wheat	Weed management	Use of Sulfo-Sulfuron 75WP @ 33 gm/ha.	Through training prog., Gosthi, Electronic & Print media, Kisan Mela	250	1100	1150
3	Wheat	INM	Use of water soluble fertilizers in wheat crop 18:18:18 NPK @ 12.5 Kg/ha. (Three spray).	Through training prog., Gosthi , Field day, Electronic & Print media, Kisan Mela	110	2100	750
4	Wheat	Promotion of high yielding variety.	To demonstrate the yield potential of new variety –HPBW-1	Through training prog., Gosthi , Electronic & Print media, Kisan Mela	55	225	125
5	Wheat.	Promotion of high yielding variety	To demonstrate the yield potential of wheat variety under late sown condition Variety – DBW-173	Through training prog., Gosthi , Electronic & Print media, Kisan Mela	35	55	35
6	Lentil	ICM	To demonstrate the HYV (L-4717), Sulphur application (@ 25 Kg/ha) + (Blight management (@ 2 Kg Mancozeb)	Through training prog., Gosthi , Electronic & Print media, Kisan Mela	25	75	170
7	Paddy	Promotion of high yielding variety	Promotion of high yielding variety Pusa Basmati 1631of rice under Rice –wheat system	Through training prog., Gosthi , Electronic & Print media, Kisan Mela	35	70	40

**** Thematic areas as given in Table 3.1 (A1 and A2)***

b. Details of FLDs implemented during Jan 2023 to Dec. 2023

(Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops**.)

CFLD-1 Pulses

Urdbean (Kharif 2023)

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	
	Urdbean	- ICM	ICM through improved seed+ Weed management techniques + Insect and Pest management	Kharif 2023	20.0	20.0	11	39	50	N.A.

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					
Urdbean	Kharif 2023	Irrigated	Loam	Medium	Low	Medium	Wheat	24-31 July, 2023	20-28 Oct 2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter			Check Plot	(%) Advantage
							Demo. plot				
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Urdbean	- ICM	ICM through improved seed+ Weed management techniques + Insect and Pest management	Vallabh-1	50	20	Plants count /sq mt	33	29	31.4	27	16.30

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25
11.20	8.36	9.97	8.40	19.01	25600	69293	43693	1:2.71	26714	58359	31644	1:2.18

MSP-6950 Rs.

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

Farmers are agree to Vallabh urd -1 is a short duration variety of uedbean.
Farmers are convinced to no incidence insect and pest due to timely sowing.

S. No	**Feed Back for researchers**	**Feedback for line department**
1	Vallabh urd -1 is a short duration variety of Blackgram.	Vallabh-1 is a Short duration variety of Urdbean and less water requirement crop
2	Timely Sowing of crop lead to fewer incidences of insect and pests.	Vallabh urd -1has fewer infestation of YMV

Technical feedback on specific technologies demonstrated in FLDs

S. No	**Feed Back**
1	Vallabh urd -1 is a short duration variety of Blackgram.
2	Short duration variety Vallabh-1 adopted by farmers easily rather than other varieties because of fewer infestation of insect and pest.

Extension and Training activities under FLD

Sl.No.	**Activity**	**No. of activities organized**	**Date**	**Number of participants**	**Remarks**
1	Field days				
2	Farmers Training	01	23-07-2023	20	
3	Media coverage				
4	Training for extension functionaries				

CFLD – 2 Pulses
Lentil (Rabi 2023-24)

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.	Lentil	- ICM	- ICM through improved seed+ Weed management techniques + Insect and Pest management	Rabi 2023-24	16.0	16.0	-	40	40	N.A.

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					
Lentil	Rabi 2023-24	Irrigated	Loam	Medium	Low	Medium	Paddy	08 -16 Nov 2023		-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter			Check Plot	(%) Advantage
							Demo. plot				
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Lentil	- ICM	- ICM through improved seed+ Weed management techniques + Insect and Pest management	IPL-526	40	16						

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25

Result awaited

CFLD-3 Oilseeds
Mustard (Rabi 2023-24)

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	Mustard	- ICM	ICM through improved seed+ Weed management techniques + Insect and Pest management	Rabi 2023-24	30.0	30.0	14	61	75	N.A.

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	Rabi 2023-24	Irrigated	Loam	Medium	Low	Medium	Paddy/Bajra	15-21 Oct. 2023	-	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter Demo. plot			Check Plot	(%) Advantage
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Mustard	- ICM	ICM through improved seed+ Weed management techniques + Insect and Pest management	DRMR-1165-40	75	30.0						

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25

Frontline Demonstration other than Oilseed and Pulses

FLD 1

Crop Production: Paddy

S. N.	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	Paddy	ICM	Promotion of improved high yielding paddy variety PR-126	Kharif 2023	0.8	0.8	01	07	08	

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					
Paddy	Kharif 2023	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Wheat	01-07-2023 To 05-07-2023	08-16 oct. 2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter			Check Plot	(%) Advantage
							Demo. Plot				
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Paddy	Promoting improved variety of paddy	Promotion of high yielding variety PR-126 of rice	PR 126	8	0.8	No. of effective tillers per meter square	222	182	206	172	19.76

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25
50.78	43.43	49.24	38.3	28.56	63590	108475	44885	1:1.70	61623	84374	22751	1:1.36

MSP-2203 Rs./q.

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

S. N.	Feedback
1	Variety PR-126 is higher grain yielder as compared to PR.-114
2	Variety PR-126 is having good yield potential and short duration variety.

S. No	Feed Back for researchers	Feedback for line department
1	Variety PR-126 is higher grain yielder as compared to PR.-114	Variety PR-126 is higher grain yielder as compared to PR.-114
2		Variety PR-126 is having good yield potential.

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Use of quality seed and improved variety is essential to get higher production.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days		24-09-2023	20	
2	Farmers Training		18-05-2023	20	
3	Media coverage				
4	Training for extension functionaries				

FLD – 2
Crop Production: Paddy

S. N.	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	Paddy	ICM	Promotion of improved high yielding paddy variety PB-1692	Kharif 2023	3.0	3.0	05	10	15	

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					
Paddy	Kharif 2023	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Wheat	30-06-2023 To 03-07-2023	18-23 oct. 2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter Demo. Plot			Check Plot	(%) Advantage
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Paddy	Promoting improved variety of paddy	Promotion of Improved high yielding variety PB-1692 of rice	PB 1692	15	3.0	No. of effective tillers per meter square	202	182	193	164	17.68

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25
48.78	42.56	46.35	35.26	31.45	63590	143685	80095	1:2.25	61623	109306	47683	1:1.77

SP- 3100 Rs./q.

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

S. N.	Feedback
1	Variety Pusa basmati 1692 is higher grain yielder as compared to P.B.-1509
2	Variety Pusa Basmati 1692 is having good yield potential and short duration basmati variety.

S. No	Feed Back for researchers	Feedback for line department
1	Variety Pusa basmati 1692 is higher grain yielder as compared to P.B.-1509	Variety Pusa basmati 1692 is higher grain yielder as compared to P.B.-1509
2	PB 1692 is short duration variety but 7-10 days delayed maturity then PB 1509.	Variety Pusa Basmati 1692 is having good yield potential.

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Use of quality seed and improved variety is essential to get higher production.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days		30-09-2023	20	
2	Farmers Training		18-05-2023	20	
3	Media coverage				
4	Training for extension functionaries				

FLD – 3
Crop Production: Paddy

S. N.	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	**Paddy**	**IWM**	**Weed management in Paddy through Triafamone 20% Ethoxysulfuron 10% @ 225 gm /ha**	**Kharif, 2023**	**6.4**	**6.4**	**01**	**15**	**16**	

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					
Paddy	Kharif 2023	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Wheat	30-06-2023 To 03-07-2023	11-20 oct 2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter Demo. plot			Check Plot	(%) Advantage
							H	L	A		
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Paddy	IWM	Weed management in Paddy through Triafamone 20% Ethoxysulfuron 10% @ 225 gm /ha	PB 1509	16	6.4	Weed count per m^2	20	14	18	192	-90.62

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**
42.3	34.5	39.6	35.3	11.33	63590	121830	58240	1.91	61623	109430	47807	1.77

MSP-Rs. 3100 Rs./qt.

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

Spray of Triafamone 20% Ethoxysulfuron 10% @ 225 gm /ha is very effective to reduce weed infestation and enhance the yield of paddy crop.
This technology save the cost of cultivation instead of hand weeding.

S. No	Feed Back for researchers	Feedback for line department
1	Technology save the cost of cultivation.	Extension Functionaries can recommend Triafamone 20% Ethoxysulfuron 10% @ 225 gm /ha for effective weed control

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Easy to apply by farmers.
2	Adoptable technology and effective to increase net profit.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days		01-10-2023	20	
2	Farmers Training		18-05-2023	20	
3	Media coverage				
4	Training for extension functionaries				

FLD – 4
Crop Production: Wheat

S. N.	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	Wheat	ICM	Promotion of High Yielding Wheat Variety DBW-303	Rabi 2023-24	4.0	4.0	01	09	10	

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					
Wheat	Rabi 2023-24	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Paddy	19-24 Nov.2023		-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter			Check Plot	(%) Advantage
							Demo. plot				
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Wheat	ICM	Promotion of High Yielding Wheat Variety DBW-303	DBW 303	10	4.0						

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25

Result awaited

FLD – 5
Crop Production: Wheat

S. N.	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	Wheat	ICM	Promotion of High Yielding Biofortified Wheat Variety DBW-187	Rabi 2023-24	3.2	3.2	03	05	08	

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					
Wheat	Rabi 2023-24	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Paddy	19-24 Nov.2023		-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter			Check Plot	(%) Advantage
							Demo. plot				
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Wheat	ICM	Promotion of High Yielding Biofortified Wheat Variety DBW-187	DBW 187	08	3.2						

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25

Result awaited

FLD - 6

Soil Science : Sugarcane

S. N.	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	S.cane	INM	Nutrient management through water soluble fertilizers (19:19:19) N:P:K in S.cane @ 13.75 Kg/ha .	Zaid 2023	6.0	6.0	01	14	15	-

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					
S.cane	Zaid 2023	Irrigated	Sandy loam and loam	Medium	Medium	Low	Wheat	20 to 24 March. 2022	20-25 Feb.2024 Tentativ	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter Demo. plot			Check Plot	(%) Advantage
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
S.cane	INM	Nutrient management through water soluble fertilizers (19:19:19) N:P:K in S.cane @ 13.75 Kg/ha .	Cos - 0238	15	6.0						

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25

Result awaited

FLD - 7
Soil science : Sugarcane

S. N.	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	S.cane	INM	- Nutrient management through Sulphur @ 30 Kg/ha. in S.cane	Zaid 2023	6.0	6.0	-	15	15	-

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					
S.cane	Zaid 2023	Irrigated	Sandy loam and loam	Medium	Medium	Low	Wheat	19-23 March. 2023	25-28 Feb. 2024 Tentative	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter Demo. plot			Check Plot	(%) Advantage
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
S.cane	INM	Nutrient management through Sulphur @ 30 Kg/ha. in S.cane	Cos- 0238	15	6.0						

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25

Result awaited

FLD - 8
Horticulture : Okra

S. N.	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	Okra	Varietal Evaluation	Promotion of Okra variety Kashi pragati	Kharif 2023	0.5	0.5	02	08	10	-

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					
Okra	Kharif 2023	Irrigated	Sandy loam and loam	Medium	Medium	Low	Wheat	11-15 May. 2023	01-10 Sept. 2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter			Check Plot	(%) Advantage
							Demo. plot				
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Okra	Varietal Evaluation	Promotion of Okra variety Kashi pragati	Kashi pragati	10	0.5	No. of picking per demo	9	6.6	7.1	5.0	63.32

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25
167.7	137.4	157.8	130.0	17.61	64000	315600	251600	1:3.93	60000	260000	200000	1:3.33

Sale Rate 2000/q

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

S. N.	Feedback
1	Farmers grow local variety of Okra. Lower yield and short durational availability due to use of local variety.
2	Kashi pragati Okra variety provide longer duration availability of gives more yield in comparison in local variety

S. No	Feed Back for researchers	Feedback for line department
1	Kashi pragati Okra provides high yield & number of pickings is also more.	Kashi pragati Okra is long duration high yielding variety.
2		Recommended to grow in Moradabad district.

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Use of high yielding variety of Kashi pragati Okra. High yield of & number of pickings is also more and gives more profit.
2	

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	01	01-09-2023	20	
2	Farmers Training				
3	Media coverage				
4	Training for extension functionaries				

FLD - 9
Horticulture : Radish

S. N.	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	Radish	Varietal Evaluation	Promotion of Radish variety RD-157	Kharif 2023	0.5	0.5	0	10	10	-

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					
Radish	Kharif 2023	Irrigated	Sandy loam and loam	Medium	Medium	Low	Wheat	03-05 Aug. 2023	25-05 Oct. 2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter			Check Plot	(%) Advantage
							Demo. plot				
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Radish	Varietal Evaluation	Promotion of Radish variety RD-157	RD-157	10	0.5	No. of picking per demo	7	3.5	5.8	4.0	31.03

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25
93.2	69.70	82.30	58.0	29.52	32000	164600	132600	1:4.14	29000	116000	87000	1:3.0

Sale Rate 2000/q

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

S. N.	Feedback
1	Farmers grow local variety of Radish Lower yield and short durational availability due to use of local variety.
2	Radish variety RD-157 provide longer duration availability of gives more yield in comparison in local variety

S. No	Feed Back for researchers	Feedback for line department
1	Radish variety RD-157 provides high yield & number of pickings is also more.	Radish variety RD-157 is long duration high yielding variety.
2		Recommended to grow in Moradabad district.

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Use of high yielding variety of Radish variety RD-157. High yield of & number of pickings is also more and gives more profit.
2	

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	01	28-09-2023	20	
2	Farmers Training				
3	Media coverage				
4	Training for extension functionaries				

FLD - 10
Horticulture: Brinjal

S. N.	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	Brinjal	Varietal Evaluation	Promotion of Brinjal variety- Kashi Uttam	Rabi 2023-24	1.0	1.0	02	13	15	-

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					
Brinjal	Rabi 2023-24	Irrigated	Sandy loam and loam	Medium	Medium	Low	Wheat	28 Sept.-01 Oct. 2023		-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter			Check Plot	(%) Advantage
							Demo. plot				
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Brinjal	Varietal Evaluation	Promotion of Brinjal variety- Kashi Uttam	Kashi Uttam	15	1.0	No. of picking per demo					

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25

Result awaited

FLD - 11

Horticulture : Cauliflower

S. N.	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	Cauliflower	Varietal Evaluation	Promotion of Cauliflower variety- Pusa Snowball K-1	Rabi 2023-24	1.0	1.0	-	15	15	-

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					
Cauliflower	Rabi 2023-24	Irrigated	Sandy loam and loam	Medium	Medium	Low	Wheat	05-08 Nov.- 2023		-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter			Check Plot	(%) Advantage
							Demo. plot				
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Cauliflower	Varietal Evaluation	Promotion of Cauliflower variety- Pusa Snowball K-1	Pusa Snowball K-1	15	1.0	No. of picking per demo					

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25

Result awaited

FLD – 12

Live stock production and management: Makkhan Grass

S. N.	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	Makkhna Grass	Green Fodder Production	Fulfillment of green fodder for milch animals through makkhan grass	Rabi-2023-24	1.25	1.25	01	09	10	-

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					
Makkhna Grass	Rabi 2023-24	Irrigated	Sandy loam and loam	Medium	Medium	Low	Paddy	25-30 Oct. 2023	-	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter			Check Plot	(%) Advantage
							Demo. plot				
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Makkhna Grass	Green Fodder Production	Fulfillment of green fodder for milch animals through makkhan grass	Makkhna Grass	10	1.25	**(Green Fodder availability in Duration of Days)**					

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25

Result awaited

FLD – 13
Live stock production and management: De-wormer

Category	Thematic area	Season	Technology Demonstrated	No. of farmers	No. of Units/animal	Major Parameters (No. of alive calf)		% change in major parameters	No. of farmers/ Demonstration		
						Demo	Check		SC/ST	Others	Total
Buffalo calf	Dairy management	Rabi 2023-24	Albendazole @ 0.5 ml for 1 kg body weight of calf	30	30	-	-	-	07	23	30

Result awaited

FLD – 14
Live stock production and management: Mineral mixture

Category	Thematic area	Season	Technology Demonstrated	No. of farmers	No. of Units/animal	Major Parameters (Milk production and sterility)		% change in major parameters	No. of farmers/ Demonstration		
						Demo	Check		SC/ST	Others	Total
Buffalo	Dairy management	Rabi 2023-24	Mineral mixture @ 50 gm per day per animal.	25	25	-	-	-	06	19	25

Result awaited

FLD – 15
Live stock production and management: H Hormone

Category	Thematic area	Season	Technology Demonstrated	No. of farmers	No. of Units/animal	Major Parameters (Size of Udder and teat)		% change in major parameters	No. of farmers/ Demonstration		
						Demo	Check		SC/ST	Others	Total
Heifer	Dairy management	Rabi 2023-24	H hormone- 40 days before cawing @ 10 ml per day	10	10	-	-	-	02	08	10

Result awaited

FLD - 16
Home science : Nutritional Garden (NARI)

S. N.	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	Seasonal Vegetables	Household food security by kitchen/nutritional garden	Nutritional garden (Pea, Spinach, Fenugreek, mustard, radish Carrot, coriander, turnip)	Zaid 2023	1.0	1.0	0	10	10	-

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					
vegetables	Zaid 2023	Irrigated	Sandy loam and loam	Medium	Medium	Low	Rabi vegetables	17-25 March 2023	10-15 July 2023	-	-

Performance of FLD

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)
Seasonal vegetables	Household food security by nutrition gardening	Nutritional Garden	10	10	290	240	20.83%	Availability: 80 Days	Availability: 50 Days	5000	13000	8000	1:2.6	2900	5600	2700	1:1.9

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

S. N.	Feedback
1	Self grown vegetables are more palatable than market purchased vegetables
2	Fresh and chemical free vegetables available round the year

S. No	Feed Back for researchers	Feedback for line department
1	Researchers may study the effect of nutritional garden grown vegetables on the nutritional status of anaemic and diabetic women , adolescent girls and children .	Nutritional garden is a way to get healthy and fresh vegetables and to reduce malnutrition among women and children.
2		Nutritional garden increases the availability and consumption of fresh vegetables among farm/rural women.

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Nutritional garden model provides vitamins and minerals rich vegetables which majorly focus on the health of rural/farm women and their families to reduce malnutrition, anemia and other women related health issues

FLD - 17
Home science : Soyabean

S. N.	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	Soybean	Value addition	Soy milk, Tofu	Kharif 2023	-	-	05	05	10	-

A) Economic performance

Detail of technology	Number of farm women	Quantity	Total Expenditure (Rs)	Gross Income (Rs)	Net Income (Rs)	B:C Ratio
T1-Soybean seeds	10	2 Kg	360	600	240	1:1.6
T2-Soy milk		2 litre	150	260	110	1:1.7
T2-Tofu		2 Kg	210	700	490	1:3.3

B) Sensory analysis data of Soy milk & Tofu

Sensory Attributes	Value (Soy Milk)	Value (Tofu)
Color	9.5	9.5
Appearance	8.0	9.0
Texture	8.5	8.0
Flavour	7.5	8.5
Taste	7.0	9.0
Overall acceptability of product	**8.1**	**8.8**

C) Nutritional value

Nutrients/100gm	Soybean	Soy milk	Tofu
Energy	298 Kcal	105 Kcal	181 Kcal
Carbohydrate	17 g	12 g	3.5 g
Protein	29 g	6.3 g	21.8 g
Total Fat	15 g	3.6 g	11 g
Dietary Fibre	10.3 g	0.5 g	2.9 g
Sodium	Low	Low	Low
Cholesterol	0	0	0

Technical Feedback/Recommendations:

- Soybean is highly protein rich (Approximately 40%)
- Value added products such as soy milk and tofu are very much beneficial for malnourished women and children

Farm women/Rural women Feedback:

- Farm women found these value added products full of nourishment for them and especially for their children
- It is cost effective
- The taste of soy milk could be enhanced through addition of brown sugar or other sweetening agents as the soy milk tastes slightly bitter
- It is not time consuming

FLD - 18
Home science : Nutritional Garden (NARI)

S. N.	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	Seasonal Vegetables	Household food security by kitchen/nutritional garden	Nutritional garden (Pea, Spinach, Fenugreek, mustard, radish Carrot, coriander, turnip)	Kharif 2023	1.0	1.0	0	15	15	-

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					
vegetables	Kharif 2023	Irrigated	Sandy loam and loam	Medium	Medium	Low	Zaid vegetables	26 August 10 September 2023	25 November- 15 Dec. 2023	-	-

Performance of FLD

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)
Seasonal vegetables (Spinach,cabbage, coriander,tomato,beetroot,brinjal,radish,okra	Household food security by nutrition gardening	Nutritional Garden	15	15	420	345	21.7	Availability: 120 Days	Availability: 75 Days	3420	10640	7220	1:2.1	3050	7300	4250	1:1.3

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

S. N.	Feedback
1	Self grown vegetables are more palatable than market purchased vegetables
2	Fresh and chemical free vegetables available round the year

S. No	Feed Back for researchers	Feedback for line department
1	Researchers may study the effect of nutritional garden grown vegetables on the nutritional status of anaemic and diabetic women , adolescent girls and children .	Nutritional garden is a way to get healthy and fresh vegetables and to reduce malnutrition among women and children.
2		Nutritional garden increases the availability and consumption of fresh vegetables among farm/rural women.

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Nutritional garden model provides vitamins and minerals rich vegetables which majorly focus on the health of rural/farm women and their families to reduce malnutrition, anemia and other women related health issues

FLD - 19
Home science : Nutritional Garden (NARI)

. N.	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	Seasonal Vegetables	Household food security by kitchen/nutritional garden	Nutritional garden (Pea, Spinach, Fenugreek, mustard, Carrot, coriander,beetroot, brinjal)	Rabi 2023	1.0	1.0	0	20	20	-

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					
vegetables	Kharif 2023	Irrigated	Sandy loam and loam	Medium	Medium	Low	Kharif vegetables	31 Oct. 10 Nov. 2023		-	-

Performance of FLD

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)
Seasonal vegetables (Pea,Spinach, Fenugreek, mustard,Carrot, coriander,beetroot brinjal)	Household food security by nutrition gardening	Nutritional Garden	20	20													

Result awaited

FLD - 20

Plant Protection: Paddy

S. N.	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.	Paddy	IPM	Control of Gundhi bug through Acephate 50%+Imidacloprid 1.8% WG @ 1.0 kg./ha.	Kharif 2023	10.0	10.0	02	23	25	

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					
Paddy	Kharif 2023	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Wheat	22-06-2023 To 07-07-2023	07-10-2023 to 18-10-2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter			Check Plot	(%) Advantage
							Demo. plot				
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Paddy	IPM	Control of Gundhi bug through Acephate 50%+Imidacloprid 1.8% WG @ 1.0 kg./ha.	All Paddy variety	25	10	% insect incidence and yield data.	2.4	0.0	0.9	6.12 %	85.29 %

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25
58.5	35.75	49.85	45.72	8.28	63600	114655	51655	1:1.80	62500	105156	42656	1:1.68

Farmer's reactions on the demonstrated technologies (by KVK Scientist who conducted the FLD)

S. N.	Feedback
1	Application of Acephate 50%+Imidacloprid 1.8% WG gives very good result against gundhi bug.
2	This technology saves the crop from gundhi bug and increase in yield.

S. No	Feed Back for researchers	Feedback for line department
1	Gundhi Bug is a major issue in paddy crop and the technical Acephate 50%+Imidacloprid 1.8% WG is latest technical. More studies should be focused on Integrated pest Management.	Application of Acephate 50%+Imidacloprid 1.8% WG recommended and it gives very good result against gundhi bug.

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Foliar application of Acephate 50%+Imidacloprid 1.8% WG @ 1.0 kg/ha at the time of panicle excretion and found very effective against gundhi bug.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organized	No. of participants	Remarks
1.	Farmers Training	-	00	
2.	Field Day	01	20	

FLD – 21
Plant Protection: Ridge gourd

S. N.	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	Ridge Gourd	IPM	Management of Fruit fly in ridge gourd through Dimethoate 30% EC @ 1500 ml per ha.	Kharif 2023	4.0	4.0	00	10	10	

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					
Ridge Gourd	IPM	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Potato	17-02-2023 To 13-04-2023	12-05-2023 to 26-09-2023	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter (% Fruit Infestation)			Check Plot	(%) Advantage
							Demo. plot				
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Sponge Gourd	IPM	Management of Fruit fly in ridge gourd through Dimethoate 30% EC @ 1500 ml per ha.	PKM-1	10	04	% **Fruit Infestation** and yield data.	8.6 %	4.0 %	7.22 %	18.8 %	61.59

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25
81.56	73.64	79.50	66.00	16.98	72600	159000	86400	1:2.19	71800	132000	60200	1:1.81

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

S. N.	Feedback
1	Application of Dimethoate 30% EC shows good efficacy against fruit infestation by fruit fly.
2	This technology saves the crop from fruit infestation by fruit fly and increase in yield.

S. No	**Feed Back for researchers**	**Feedback for line department**
1	Dimethoate 30% @ 1500 ml/ha gives effective result against fruit infestation. (Two Spray)	Two Application of Dimethoate 30% @ 1500 ml/ha is recommended as it gives effective result against fruit fly infestation.

Technical feedback on specific technologies demonstrated in FLDs

S. No	Feed Back
1	Two Foliar application of Dimethoate 30% @ 1500 ml/ha after see the incidence of fruit infestation and found effective against fruit fly.

FLD – 22
Plant Protection: Sugarcane

S. N.	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	Sugarcane	IDM	Control of red rot of sugarcane through Trichoderma viride @5 kg/ha.	Zaid 2023	4.0	4.0	00	10	10	-

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					
Sugarcane	Zaid 2023	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Sugarcane	15-02-2023 To 08-04-2023	-	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter Demo. plot			Check Plot	(%) Advantage
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Sugarcane	IDM	Control of red rot of sugarcane through Trichoderma viride @ 5 kg/ha.	Co-0238	10	4.0	% Red rot infrstation and crop yield	-	-	-	-	

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25

Result awaited

FLD – 23
Plant Protection: Sugarcane

S. N.	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	Sugarcane	IPM	Management of TOP borer in sugarcane crop through pheramon trap.	Autumn 2023	10.0	10.0	00	25	25	-

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					
Sugarcane	Kharif 2023	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Sugarcane	13-02-2023 To 26-03-2023	-	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name	Result of main parameter Demo. plot			Check Plot	(%) Advantage
							H	L	A		
1	2	3	4	5	6	7	8	9	10	11	12
Sugarcane	IPM	Control of red rot of sugarcane through Trichoderma viride @ 5 kg/ha.	Co-0238	10	4.0	% insect infestation crop yield	-	-	-	-	

Demo. Yield q/ha			Yield of local Check q./ha	Increase in yield (%)	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
H	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
13	14	15	16	17	18	19	20	21	22	23	24	25

Result awaited

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo plot					Demo												
							High	Low	Average	Check plot		High	Low	Average	Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Groundnut																								
Sesamum																								
Mustard	ICM	Improved Seed	DRMR 1165-40	75	30																			
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)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo plot					Demo												
							High	Low	Average	Check plot		High	Low	Average	Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Pigeonpea																								
Blackgram	ICM	Improved Seed	Vallabh Urd-1	50	20	Plants count /sq mt	33	29	31.4	27	16.3	1.20	3.36	9.97	8.40	19.01	25600	69293	43693	1:2.71	26714	58359	31644	1:2.18
Greengram																								
Chickpea																								
Fieldpea																								
Lentil	ICM	Improved Seed	IPL-526	40	16																			
Horsegram																								

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

FLD on Other crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Parameters name (No. of branches, No. of tillers, No. of pods or grains per plant, duration (days), No. of plants/sq mt.)	Result of main parameter				% Advantage	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
							Demo plot					Demo												
							High	Low	Average	Check plot		High	Low	Average	Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals																									
Paddy	Weed Management	Weed management in Paddy through Triafamone 20% Ethoxy sulfuron 10% @ 225 gm /ha		16	6.4	Weed count per m^2	20	14	18	192	-90.62	42.3	34.5	39.3	35.3	11.33144	63590	121830	58240	1:1.91	61623	109430	47807	1:1.78
	Promoting improved variety of paddy	Promotion of high yielding variety PR-126 of rice	PR-126	8	0.8	No. of effective tillers per meter square	222	182	206	172	19.76	50.78	43.43	49.24	38.3	28.56	63590	108475	44885	1:1.70	61623	84374	22751	1:1.36
	Promoting improved variety of paddy	Promotion of high yielding variety PB-1692 of rice	PB 1692	15	3	No. of effective tillers per meter square	202	182	193	164	17.68	48.78	42.56	46.35	35.26	31.45	63590	143685	80095	1:2.25	61623	109306	47683	1:1.77
	IPM	Control of Gundhi bug through Acephate 50%+Imidacloprid 1.8% WG @ 1.0 kg./ha.	All Paddy variety	25	10	% insect incidence and yield data.	2.4	0.0	0.9	6.12 %	85.29 %	58.5	35.75	49.85	45.72	8.28	63600	114655	51655	1:1.80	62500	105156	42656	1:1.68
Waterlogged Situation																									
Coarse Rice																									
Scented Rice																									
Wheat																									
Wheat Timely sown	ICM	Promotion of High yielding wheat variety DBW 303	DBW 303	10	4.0																				
		Promotion of High Yielding Bio-fortified wheat variety DBW 187	DBW 187	08	3.2																				

Wheat Late Sown																								
Mandua																								
Barley																								
Maize																								
Amaranth																								
Millets																								
Jowar																								
Bajra																								
Barnyard millet																								
Finger millet																								
Vegetables																								
Bottlegourd																								
Bittergourd																								
Cowpea																								
Sponge Gourd	IPM	Management of Fruit fly in ridge gourd through Dimethoate 30% EC @ 1500 ml per ha.	PKM-1	10	04	% **Fruit Infestation** and yield data.	8.6 %	4.0 %	7.22 %	18.8 %	61.59	81.56	73.64	79.50	66.00	16.98	72600	159000	86400	1:2.19	71800	32000	0200	1:1.81

Petha																								
Tomato																								
Frenchbean																								
Capsicum																								
Chilli																								
Brinjal	**Varietal Evaluation**	**Promotion of Brinjal variety- Kashi Uttam**	**Kashi Uttam**	**15**	**1.0**	**No. of picking per demo**																		
Vegetable pea																								
Softgourd																								
Okra	Varietal Evaluation	Promotion of Okra variety Kashi pragati	Kashi pragati	10	0.5	No. of picking per demo	9	6.6	7.1	5.0	63.32	167.7	137.4	157.8	130.0	17.61	64000	315600	251600	1:3.93	60000	260000	200000	1:3.33
Colocasia (Arvi)																								
Broccoli																								

Cucumber																								
Onion																								
Coriender																								
Lettuce																								
Cabbage																								
Cauliflower	Varietal Evaluation	Promotion of Cauliflower variety-Pusa Snowball K-1	Pusa Snowball K 1	15	1.0	No. of picking per demo																		
Elephant fruit																								
Radish	Varietal Evaluation	Promotion of Radish variety RD-157	RD-157	10	0.5	No. of picking per demo	7	3.5	5.8	4.0	31.03	93.2	69.70	82.30	58.0	29.52	32000	164600	132600	1:4.14	29000	116000	87000	1:3.0
Flower crops																								
Marigold																								
Bela																								
Tuberose																								

Gladiolus																								
Fruit crops																								
Mango																								
Strawberry																								
Guava																								
Banana																								
Papaya																								
Muskmelon																								
Watermelon																								
Spices & condiments																								
Ginger																								
Garlic																								
Turmeric																								

Commercial Crops																								
Sugarcane	IDM	Control of red rot of sugarcane through Trichoderma viride @ 5 kg/ha.	Zaid 2023	10	4.0	% Red rot infrstation and crop yield	-	-	-	-							Result awaited							
Sugarcane	IPM	Control of red rot of sugarcane through Trichoderma viride @ 5 kg/ha.	Zaid 2023	10	4.0	% insect infestation crop yield	-	-	-	-							Result awaite							
Sugarcane	INM	Nutrient management through water soluble fertilizers (19:19:19) N:P:K in S.cane @ 13.75 Kg/ha .	Cos - 0238	15	6.0												Result awaite							
Sugarcane	INM	Nutrient management through Sulphur @ 30 Kg/ha. in S.cane	Cos- 0238	15	6.0												Result awaite							
Potato																								
Medicinal & aromatic plants																								
Mentholmint																								
Kalmegh																								
Ashwagandha																								
Fodder Crops																								
Sorghum (F)																								
Cowpea (F)																								

Maize (F)																							
Lucern																							
Berseem																						72216	462 31	1:2.77
Makkhan Grass	Green Fodder Production	Fulfillment of green fodder for milch animals through makkhan grass	Makkhna Grass	10	1.25	**(Green Fodder availability in Duration of Days)**																	

* 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 (Alive calf in No., Availability of fodder in No of days & No. of Concive animals)		% change in major parameter	Yield (Kg/animal) or No. of eggs/bird)		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle																	
Buffalo	Dairy management	Mineral mixture @ 50 gm per day per animal.	25	25	-	-											

Buffalo Calf	Dairy management	Albendazole @ 0.5 ml for 1 kg body weight of calf	30	30	-	-												
Dairy	Dairy management	H hormone-40 days before cawing @ 10 ml per day	10	10	-	-												
Poultry																		
Sheep & Goat																		
Vaccination																		

* 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.)			
					Demonstration	Check		Demonstration	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																	

* 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 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	**Soy milk, Tofu**	10	10	-	-											
Vermi Compost																

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 (Nari Project Zaid 2023)

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)
Seasonal vegetables	Household food security by nutrition gardening	Nutritional Garden	10	10	290	240	20.83%	Availability: 80 Days	Availability: 50 Days	5000	13000	8000	1:2.6	2900	5600	2700	1:1.9

FLD on Other Enterprise: Kitchen Gardening (Kharif 2023-24)

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)
Seasonal vegetables (Spinach,cabbage, coriander,tomato,beetroot,brinjal,radish,okra	Household food security by nutrition gardening	Nutritional Garden	15	15	420	345	21.7	Availability: 120 Days	Availability: 75 Days	3420	10640	7220	1:2.1	3050	7300	4250	1:1.3

FLD on Other Enterprise: Kitchen Gardening (Rabi 2023-24)

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)
Seasonal vegetables (Pea,Spinach, Fenugreek, mustard,Carrot, coriander,beetroot, brinjal)	Household food security by nutrition gardening	Nutritional Garden	20	20													

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

II. Natural Farming

1) Crop Harvesting Details

Name of KVK	Crop Details Under Demonstration										Date of Sowing	Date of Harvesting
	Natural farming					Farmer's Practice						
	Name of Crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)	Name of crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)		
KVK, Moradabad	Paddy	Sharbati	0.133	12.64	28890	Paddy	Sharbati	0.133	20.24	33570	20-07-2023	25 Oct 2023
KVK, Moradabad	Wheat	DBW-222	0.133	12.36	26325	Wheat	DBW-222	0.133	14.61	31068	13-12-2022	23 April 2023

2) Preliminary Soil Data of Natural Farming Field

Name of KVK	Soil data of Demonstrated/KVK Plot	Soil Analysis				Micronutrients				Microbial Analysis				
		N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Organic Carbon (%age)	Ca (Kg/ha)	Mg (Kg/ha)	Zn (Kg/ha)	Others	Bacterial count (Nos.)	Fungi (Nos.)	Actinomycetes (Nos.)	Phosphorus Solubilizer (Nos.)	N Fixers (Nos.)
KVK, Moradabad		255	17.6	262	0.5%			1.34	S-1.24, Bo-0.44					

3) Details of Demonstrations Conducted under Natural Farming Project

S. No.	Name of KVK	Name of village	Name of farmer	Mobile no. of farmer	Area under demonstration on Natural Farming (ha)
1					
2					
3					

4) Information of Farmers already Practicing Natural Farming

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

5) Natural Farming Nodal officer & Associate Name

S.No.	Name of KVK	Name of Head/SMS	Discipline/Subject	Mobile No.
01	Moradabad-1	Dr. Manoj Kumar	SMS/AP (A.H & Dairying)	9411448461

6) Preliminary Soil Data of Natural Farming Field

Name of KVK	Soil data of Demonstrated/KVK Plot	Soil Analysis				Micronutrients				Microbial Analysis				
		N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Organic Carbon (%age)	Ca (Kg/ha)	Mg (Kg/ha)	Zn (Kg/ha)	Others	Bacterial count (Nos.)	Fungi (Nos.)	Actinomycetes (Nos.)	Phosphorus Solubilizer (Nos.)	N Fixers (Nos.)
KVK, Moradabad	KVK Plot	255	17.6	262	0.5%			1.34	S-1.24, Bo-0.44					

IV. Drone Project

1) Details of Drone Training

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

2) Details of Nodal officers under Drone Project

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

3) Expenditure regarding Agri-Drone

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

V. DAMU Project

Project Details

1. Name of Damu, District, ATARI zone and Year
   DAMU Name :
   Name of Blocks:
   Year of start of AAS at DAMU:
2. Name and address with landline and mobile numbers along with STD code (also provide e-mail address) of head of ATARI, Project Coordinator, Head of the Krishi Vigyan Kendra (KVK)

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

5. Date of start of Agromet Advisory Bulletins:
6. Nearest Air, Tv And Railway Station (provide the road distance from DAMU)
   I) Air Station :
   II) TV Station :
   III) Railway Station:
7. Status of Agro-AWS
   7.1 Date of installation of AWS :
   7.2 List of instruments presently available in working condition:
   7.3 Instruments to be replaced/repaired indicating type of defect:
   7.4 Please provide frequency of observation, exposure conditions of the site etc.
   7.6 Number of years of data records available:
   7.8 Whether the observatory is periodically inspected, maintained and calibrated by IMD (If yes, please indicate the latest data of inspection by the IMD)
   7.9 Details of soil moisture observations taken, if any (please provide frequency and depths of observation etc.)
8. Details of Agromet Advisory Services
   i. How many times the weather forecasts were received during the year:

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

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

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

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

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

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

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

ix. List of other organizations receiving Agromet advisories:

9. Verification results of District and Block level weather forecast

10. Economic impact of Agromet advisory services:

11. Mobile APP based Agromet advisory services for farmers:

12. Feedback from progressive farmers:

VI. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management	.Critical irrigation periods & weed control methods in wheat crop	01	20	-	20	-	-	-	20	-	20
Resource Conservation Technologies	Farm diversification and damnation of Resource Conservation Technologies	01	09	-	09	11	-	11	20	-	20
Cropping Systems											
Crop Diversification	Production technique of wheat +menthe intercropping	01	16	-	16	04	-	04	20	-	20
Integrated Farming											
Micro Irrigation/irrigation											
Seed production											
Nursery management											
Integrated Crop Management	1. Scientific production technique of Rabi oil seed crops.	01	16	02	18	02	-	02	20	-	20
	2. Scientific production technique of Rabi cereal crops.	01	13	-	13	07	-	07	20	-	20
Soil & water conservation											
Integrated nutrient management											
Production of organic inputs											
Others (Plant Breeding)											
Total		**05**	**74**	**02**	**76**	**24**	**-**	**24**	**100**	**-**	**100**
II Horticulture											
a) Vegetable Crops											
Production of low value and high valume crops											
Off-season vegetables											
Nursery raising	1. Nursery raising of Vegetable crops through low poly tunnel house	01	19	-	19	01	-	01	20	-	20
Exotic vegetables											
Export potential vegetables											
Grading and standardization											

Protective cultivation											
Others (pl specify)	1.Production technology of cole crops	01	17	-	17	03	-	03	20	-	20
	2 Production technology of solanaceaous crop in Rabi season	01	19	-	19	01	-	01	20	-	20
Total (a)		**3**	**55**	**-**	**55**	**05**	**-**	**05**	**60**	**-**	**60**
b) Fruits											
Training and Pruning											
Layout and Management of Orchards											
Cultivation of Fruit											
Management of young plants/orchards	1.Control of fruit dropping in Mango	01	18	-	18	02	-	02	20	-	20
Rejuvenation of old orchards											
Export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques											
Others (pl specify)											
Total (b)		**01**	**18**	**-**	**18**	**02**	**-**	**02**	**20**	**-**	**20**
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Export potential of ornamental plants											
Propagation techniques of Ornamental Plants											
Others (pl specify)	Production technology of various flower crops	01	17	-	17	03	-	03	20	-	20
Total (c)		**01**	**17**	**-**	**17**	**03**	**-**	**03**	**20**	**-**	**20**
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											
Production and management technology											
Post harvest technology and value addition											
Others (pl specify)											
Total (g)											
GT (a-g)		**05**	**90**	**-**	**90**	**10**	**-**	**10**	**100**	**-**	**100**
III Soil Health and Fertility Management											
Soil fertility management											
Integrated water management	1.Use of water soluble fertilizers in wheat.	01	20	-	20	00	-	00	20	-	20
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		**01**	**20**	**-**	**20**	**00**	**-**	**00**	**20**	**-**	**20**
IV Livestock Production and Management											
Dairy Management	1.Problems in animal breeding and their management	01	18	-	18	02	-	02	20	-	20
	2. Scientific method of cattle farming	01	16	-	16	04	-	04	20	-	20
Poultry Management											
Piggery Management											
Rabbit Management											
Animal Nutrition Management											
Disease Management	1.Symptoms and prevention of foot & mouth disease	01	19	-	19	01	-	01	20	-	20
	2. Mastitis in Milch animal cause and prevention.	01	15	-	15	05	-	05	20	-	20
Feed & fodder technology											

Production of quality animal products											
Others (pl specify)											
Total		**04**	**68**	**-**	**68**	**12**	**-**	**12**	**80**	**-**	**80**
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening											
Design and development of low/minimum cost diet	1.spices preparation from locally available materials	01	-	20	20	-	-	-	-	20	20
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing	1.Nutrient loss minimization techniques during cooking	01	-	20	20	-	-	-	-	20	20
Processing and cooking											
Gender mainstreaming through SHGs											
Storage loss minimization techniques	1.Scientific method of grain storage	01	-	13	13	-	07	07	-	20	20
Value addition											
Women empowerment	1.Illiterate women skill training on candle making	01	-	09	09	-	16	16	-	25	25
	2.Illiterate women skill training on chalk making.	01	-	17	17	-	08	08	-	25	25
	3. Illiterate women skill training on Tie & dye.	01	-	25	25	-	-	-	-	25	25
Location specific drudgery reduction technologies	1.Effective drudgery tools for dairy women farmers	01	-	18	18	-	02	02	-	20	20
Rural Crafts											
Women and child care	1.Importance of breast feeding	01	-	12	12	-	08	08	-	20	20
Others(Small scale processing)	1.Soap Making: A small scale income generation activity	01	-	10	10	-	10	10	-	20	20
Total		**09**		**144**	**144**	**-**	**51**	**51**	**-**	**195**	**195**
VI Agril. Engineering											
Farm Machinery 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.IPM techniques in sugarcane crops	01	17	-	17	03	-	03	20	-	20
	2. IPM techniques in paddy crops	01	13	-	13	07	-	07	20	-	20
	3.Different IPM techniques in kharif vegetables	01	16	-	16	04	-	04	20	-	20
Integrated Disease Management	1.Integrated disease management in paddy crops	01	20	-	20	00	-	00	20	-	20
Bio-control of pests and diseases											
Production of bio control agents and bio pesticides											
Others (pl specify)											
Total		**04**	**66**	**-**	**66**	**14**	**-**	**14**	**80**	**-**	**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		**28**	**318**	**146**	**464**	**60**	**51**	**111**	**380**	**195**	**575**

Farmers' Training including sponsored training programmes (off campus)

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management	Weed management in wheat crop	01	19	-	19	01	-	01	20	-	20
Resource Conservation Technologies	Nano urea A revolution in Agriculture	01	20	-	20	-	-	-	20	-	20
	Use of liquid nano urea in paddy crop	01	15	-	15	05	-	05	20	-	20
Cropping Systems											
Crop Diversification	Diversification of crops & its importance	01	18	-	18	02	-	02	20	-	20
Integrated Farming	Farming system for marginal & small farmers	01	20	-	20	-	-	-	20	-	20
Micro Irrigation/irrigation											
Seed production											
Nursery management											
Integrated Crop Management	Scientific production technology of urd bean crop in kharif	01	16	-	16	04	-	04	20	-	20
	Scientific Mentha Crop Production Technique	01	20	-	20	-	-	-	20	-	20
Soil & water conservation											
Integrated nutrient management											
Production of organic inputs											
Others											
Total		**07**	**128**	**-**	**128**	**12**	**-**	**12**	**140**	**-**	**140**
II Horticulture											
a) Vegetable Crops											
Production of low value and high volume crops											
Off-season vegetables											
Nursery raising											
Exotic vegetables											
Export potential vegetables											
Grading and standardization											
Protective cultivation											
Others (pl specify)	Cultivation of cucurbits & its techniques	01	18	-	18	02	-	02	20	-	20
	Production tech. of vegetable crop in Rabi season	01	17	-	17	03	-	03	20	-	20
	Importance & techniques of drip irrigation in vegetable production	01	20	-	20	0	-	-	20	-	20
Total (a)		**03**	**55**	**-**	**55**	**05**	**-**	**05**	**60**	**-**	**60**

b) Fruits											
Training and Pruning											
Layout and Management of Orchards											
Cultivation of Fruit	Production tech. of banana & papaya crop	01	20	-	20	0	-	0	20	-	20
Management of young plants/orchards	Crop regulation in guava fruit crop	01	20	-	20	-		-	20	-	20
Rejuvenation of old orchards											
Export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques	Propagation techniques for fruit plants	01	19	-	19	01	-	01	20	-	20
Others (pl specify)											
Total (b)		**03**	**59**	**-**	**59**	**01**	**-**	**01**	**60**	**-**	**60**
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											
Production and management technology	Cultivation of medicinal & aromatic plants	01	19	-	19	01	-	01	20	-	20

Post harvest technology and value addition											
Others (pl specify)											
Total (g)		**01**	**19**	**-**	**19**	**01**	**-**	**01**	**20**	**-**	**20**
GT (a-g)		**07**	**133**	**-**	**133**	**07**	**-**	**07**	**140**	**-**	**140**
III Soil Health and Fertility Management											
Soil fertility management											
Integrated water management	Foliar application of liquid namo urea in wheat.	01	20	-	20	00	-	00	20	-	20
Production and use of organic inputs	Advantage of natural farming in paddy crop.	01	20	-	20	00	-	00	20	-	20
	Advantage of natural farming in paddy crop.	01	20	-	20	00	-	00	20	-	20
Management of Problematic soils											
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Balance use of fertilizers											
Soil and Water Testing											
Others (pl specify)											
Total		**03**	**60**	**-**	**60**	**00**	**-**	**00**	**60**	**-**	**60**
IV Livestock Production and Management											
Dairy Management	1.Extarnal parasite in animal & their control	01	11	-	11	09	-	09	20	-	20
	2. Disadvantage of oxytocine hormone in milich animals	01	20	-	20	-	-	-	20	-	20
	3.Clean milk production	01	11	-	11	09	-	09	20	-	20
	4.Clean milk production	01	18	-	18	02	-	02	20	-	20
Poultry Management											
Piggery Management											
Rabbit Management											
Animal Nutrition Management	1.Balance diet for milch animals	01	15	-	15	05	-	05	20	-	20
	2.Techniqe of Urea mixing in wheat straw/paddy straw for animal nutrition	01	0	-	0	11	09	20	11	09	20
Disease Management	1- Identification and management of lampi skin disease in cattle.	01	19	-	19	01	-	01	20	-	20
Feed & fodder technology	Whole year green fodder production	01	18	-	18	02	-	02	20	-	20
Production of quality animal products											
Others (pl specify)	Use of ghanjeeva amrit in paddy crop of natural farming	01	20	-	20	0	0	0	20	-	20

Total		**09**	**132**	**-**	**132**	**39**	**09**	**48**	**171**	**09**	**180**
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening											
Design and development of low/minimum cost diet											
Designing and development for high nutrient efficiency diet	Poshak thali	01	-	20	20	-	-	-	-	20	20
	Preparation of protein rich diet for malnourished children	01	-	-	-	-	20	20	-	20	20
Minimization of nutrient loss in processing											
Processing and cooking											
Gender mainstreaming through SHGs											
Storage loss minimization techniques	Post harvest management of locally available fruits and vegetables	01	-	20	20	-	-	-	-	20	20
Value addition	Value addition of locally available fruits and vegetables	01	-	20	20	-	-	-	-	20	20
	Locally available food improvisation & their nutritive content	01	-	20	20	-	-	-	-	20	20
Women empowerment	Motivational training on women empowerment	01	-	20	20	-	-	-	-	20	20
	Role of SHG towards women empowerment	01	-	20	20	-	-	-	-	20	20
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care	Health and hygiene practices during air borne diseases	01	-	16	16	-	04	04	-	20	20
Others	Drudgery tools and their effective use	01	-	20	20	-	-	-	-	20	20
Total		**09**	**-**	**156**	**156**	**-**	**24**	**24**	**-**	**180**	**180**
VI Agril. Engineering											
Farm Machinery 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 (											
Total											
VII Plant Protection											
Integrated Pest Management	1..Management of ESB in sugarcane crop	01	20	-	20	0	-	0	20	-	20
	2.IPM approach in Pulses crops in kharif season	01	20	-	20	0	-	0	20	-	20
	3.Management of top borer in sugarcane crops	01	19	-	19	01	-	01	20	-	20
	4.Management of BPH in paddy crop	01	01	-	01	19	-	19	20	-	20
Integrated Disease Management	1..Management of yellow rust in wheat	01	19	-	19	01	-	01	20	-	20
	2. Management of pokka boing in sugarcane crops	01	20	-	20	0	-	0	20	-	20
	3. Awareness towards pokka boing and red rot in sugarcane crops	01	19	-	19	01	-	01	20	-	20
	4. IDM in paddy crops	01	01	-	01	19	-	19	20	-	20
Bio-control of pests and diseases											
Production of bio control agents and bio pesticides											
Others (pl specify)											
Total		**08**	**119**	**-**	**119**	**41**	**-**	**41**	**160**	**-**	**160**
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		**43**	**572**	**165**	**728**	**99**	**33**	**132**	**671**	**189**	**860**

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of courses	Participants								
			Others			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production											
Weed Management	1.Critical irrigation periods & weed control methods in wheat crop	01	20	-	20	-	-	-	20	-	20
	2. Weed management in wheat crop	01	19	-	19	01	-	01	20	-	20
Resource Conservation Technologies	1. Production technique of wheat +menthe intercropping	01	16	-	16	04	-	04	20	-	20
	2. Nano urea A revolution in Agriculture	01	20	-	20	-	-	-	20	-	20
	3.Use of liquid nano urea in paddy crop	01	15	-	15	05	-	05	20	-	20
Cropping Systems											
Crop Diversification	1.Farm diversification and damnation of Resource Conservation Technologies	01	09	-	09	11	-	11	20	-	20
	2.Diversification of crops & its importance	01	18	-	18	02	-	02	20	-	20
Integrated Farming	3.Farming system for marginal & small farmers	01	20	-	20	-	-	-	20	-	20
Micro Irrigation/irrigation											
Seed production											
Nursery management											
Integrated Crop Management	1. Scientific production technique of Rabi oil seed crops.	01	16	02	18	02	-	02	20	-	20
	2. Scientific production technique of Rabi cereal crops.	01	13	-	13	07	-	07	20	-	20
	3. Scientific production technology of urd bean crop in kharif	01	16	-	16	04	-	04	20	-	20
	Scientific Mentha Crop Production Technique	01	20	-	20	-	-	-	20	-	20
Soil & water conservation											
Integrated nutrient management											
Production of organic inputs											
Others (Plant Breeding)											
Total		**12**	**202**	**02**	**204**	**36**	**-**	**36**	**240**	**-**	**240**
II Horticulture											
a) Vegetable Crops											
Production of low value and high volume crops											
Off-season vegetables											
Nursery raising											

	1. Nursery raising of Vegetable crops through low poly tunnel house	01	19	-	19	01	-	01	20	-	20
Exotic vegetables											
Export potential vegetables											
Grading and standardization											
Protective cultivation											
Others (pl specify)	1.Cultivation of cucurbits & its tech.	01	18	-	18	02	-	02	20	-	20
	.2.Production technology of cole crops	01	17	-	17	03	-	03	20	-	20
	3.Production technology of solanaceaous crop in Rabi season	01	19	-	19	01	-	01	20	-	20
	4.Production tech. of vegetable crop in Rabi season	01	17	-	17	03	-	03	20	-	20
	Importance & techniques of drip irrigation in vegetable production	01	20	-	20	0	-	-	20	-	20
Total (a)		**06**	**110**	**-**	**110**	**10**	**-**	**10**	**120**	**-**	**120**
b) Fruits											
Training and Pruning											
Layout and Management of Orchards											
	Crop regulation in guava fruit crop	01	20	-	20	-		-	20	-	20
Cultivation of Fruit	Production tech. of banana & papaya crop	01	20	-	20	0	-	0	20	-	20
Management of young plants/orchards	Control of fruit dropping in Mango	01	18	-	18	02	-	02	20	-	20
Rejuvenation of old orchards											
Export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques	Propagation techniques for fruit plants	01	19	-	19	01	-	01	20	-	20
Others (pl specify)											
Total (b)		**04**	**77**	**-**	**77**	**03**	**-**	**03**	**80**	**-**	**80**
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Export potential of ornamental plants											
Propagation techniques of Ornamental Plants											
Others (pl specify)	Production technology of various flower crops	01	17	-	17	03	-	03	20	-	20
Total (c)		**01**	**17**	**-**	**17**	**03**	**-**	**03**	**20**	**-**	**20**
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											
Production and management technology	Cultivation of medicinal & aromatic plants	01	19	-	19	01	-	01	20	-	20
Post harvest technology and value addition											
Others (pl specify)											
Total (g)		**01**	**19**	**-**	**19**	**01**	**-**	**01**	**20**	**-**	**20**
GT (a-g)		**12**	**223**	**-**	**223**	**17**	**-**	**17**	**240**	**-**	**240**
III Soil Health and Fertility Management											
Soil fertility management											
Integrated water management	1.Use of water soluble fertilizers in wheat.	01	20	-	20	00	-	00	20	-	20
	2. Foliar application of liquid namo urea in wheat.	01	20	-	20	00	-	00	20	-	20
Integrated Nutrient Management											
Production and use of organic inputs	1.Advantage of natural farming in paddy crop.	01	20	-	20	00	-	00	20	-	20
	2.Advantage of natural farming in paddy crop.	01	20	-	20	00	-	00	20	-	20
Management of Problematic soils											
Micro nutrient deficiency in crops											

Nutrient Use Efficiency											
Balance use of fertilizers											
Soil and Water Testing											
Others (pl specify)											
Total		**04**	**80**	**-**	**80**	**0**	**-**	**0**	**80**	**-**	**80**
IV Livestock Production and Management											
Dairy Management	1.Problems in animal breeding and their management	01	18	-	18	02	-	02	20	-	20
	2. Scientific method of cattle farming	01	16	-	16	04	-	04	20	-	20
	3.Extarnal parasite in animal & their control	01	11	-	11	09	-	09	20	-	20
	4. Disadvantage of oxytocine hormone in milich animals	01	20	-	20	-	-	-	20	-	20
	5.Clean milk production	01	11	-	11	09	-	09	20	-	20
	6.Clean milk production	01	18	-	18	02	-	02	20	-	20
Poultry Management											
Piggery Management											
Rabbit Management											
Animal Nutrition Management	1.Balance diet for milch animals	01	15	-	15	05		05	20	-	20
	2.Techniqe of Urea mixing in wheat straw/paddy straw for animal nutrition	01	0	-	0	11	09	20	11	09	20
Disease Management	1.Symptoms and prevention of foot & mouth disease	01	19	-	19	01	-	01	20	-	20
	2. Mastitis in Milch animal cause and prevention.	01	15	-	15	05	-	05	20	-	20
	3- Identification and management of lampi skin disease in cattle.	01	19	-	19	01	-	01	20	-	20
Feed & fodder technology	Whole year green fodder production	01	18	-	18	02	-	02	20	-	20
Others (pl specify)	Use of ghanjeeva amrit in paddy crop of natural farming	01	20	-	20	0	0	0	20	-	20
Total		**13**	**200**	**-**	**200**	**51**	**09**	**60**	**251**	**09**	**260**
V Home Science/Women empowerment											
Household food security by kitchen gardening and nutrition gardening											
Design and development of low/minimum cost diet	1.spices preparation from locally available materials	01	-	20	20	-	-	-	-	20	20
Designing and development for high nutrient efficiency diet	1.Poshak thali	01	-	20	20	-	-	-	-	20	20
	2.Preparation of protein rich diet for malnourished children	01	-	-	-	-	20	20	-	20	20
Minimization of nutrient loss in processing	1.Nutrient loss minimization techniques during cooking	01	-	20	20	-	-	-	-	20	20
Processing and cooking											
Gender mainstreaming											

through SHGs											
Storage loss minimization techniques	1.Scientific method of grain storage	01	-	13	13	-	07	07	-	20	20
	2.Post harvest management of locally available fruits and vegetables	01	-	20	20	-	-	-	-	20	20
Value addition	1.Value addition of locally available fruits and vegetables	01	-	20	20	-	-	-	-	20	20
	2.Locally available food improvisation & their nutritive content	01	-	20	20	-	-	-	-	20	20
Women empowerment	1.Motivational training on women empowerment	01	-	20	20	-	-	-	-	20	20
	2.Illiterate women skill training on candle making	01	-	09	09	-	16	16	-	25	25
	3.Illiterate women skill training on chalk making.	01	-	17	17	-	08	08	-	25	25
	4. Role of SHG towards women empowerment	01	-	20	20	-	-	-	-	20	20
	3. Illiterate women skill training on Tie & dye.	01	-	25	25	-	-	-	-	25	25
Location specific drudgery reduction technologies	1.Effective drudgery tools for dairy women farmers	01	-	18	18	-	02	02	-	20	20
Rural Crafts											
Women and child care	1.Importance of breast feeding	01	-	12	12	-	08	08	-	20	20
	Health and hygiene practices during air borne diseases	01	-	16	16	-	04	04	-	20	20
Others (pl specify)	1.Soap Making: A small scale income generation activity	01	-	10	10	-	10	10	-	20	20
	Drudgery tools and their effective use	01	-	20	20	-	-	-	-	20	20
Total		**18**	**-**	**300**	**300**	**-**	**75**	**75**	**-**	**375**	**375**
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.IPM techniques in sugarcane crops	01	17	-	17	03	-	03	20	-	20

	2. IPM techniques in paddy crops	01	13	-	13	07	-	07	20	-	20
	3.Different IPM techniques in kharif vegetables	01	16	-	16	04	-	04	20	-	20
	4..Management of ESB in sugarcane crop	01	20	-	20	0	-	0	20	-	20
	5.IPM approach in Pulses crops in kharif season	01	20	-	20	0	-	0	20	-	20
	6.Management of top borer in sugarcane crops	01	19	-	19	01	-	01	20	-	20
	7.Management of BPH in paddy crop	01	01	-	01	19	-	19	20	-	20
Integrated Disease Management	1.Integrated disease management in paddy crops	01	20	-	20	00	-	00	20	-	20
	2..Management of yellow rust in wheat	01	19	-	19	01	-	01	20	-	20
	3. Management of pokka boing in sugarcane crops	01	20	-	20	0	-	0	20	-	20
	4.Awareness towards pokka boing and red rot in sugarcane crops	01	19	-	19	01	-	01	20	-	20
	5.IDM in paddy crops	01	01	-	01	19	-	19	20	-	20
Bio-control of pests and diseases											
Production of bio control agents and bio pesticides											
Others (pl specify)											
Total		**12**	**185**	**-**	**185**	**55**	**-**	**55**	**240**	**-**	**240**
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		**71**	**890**	**302**	**1192**	**159**	**84**	**243**	**1051**	**384**	**1435**

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	Nursery raising of flowers & vegetable under protected structure	01	8	-	8	2	-	2	10	-	10
Training and pruning of orchards											
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production	Wheat seed production technology	01	08	-	08	02	-	02	10	-	10
Production of organic inputs	Production technique of Nadap and vermin compost	01	06	-	06	02	-	02	08	-	08
Planting material production											
Vermi-culture											
Mushroom Production											
Bee-keeping	1.Enterpenurship development through Bee keeping	01	05	01	06	03	01	04	08	02	10
	2. Bee-keeping and production techniques.	01	07	00	07	03	00	03	10	00	10
Sericulture											
Repair and maintenance of farm machinery and implements											
Value addition											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching	Stitching: A way towards income generation	01	-	10	10	-	-	-	-	10	10
Production of quality animal products											
Dairying											
Sheep and goat rearing	1.Enterpenurship development through Goat farming	01	03	-	03	07	-	07	10	-	10
Quail farming											
Piggery											
Rabbit farming											

Poultry production	1.Poultry farming	01	04	-	04	06	-	06	10	-	10
Ornamental fisheries												
Composite fish culture												
Freshwater prawn culture												
Shrimp farming												
Pearl culture												
Cold water fisheries												
Fish harvest and processing technology												
Fry and fingerling rearing												
TOTAL		**08**	**41**	**11**	**52**	**25**	**01**	**26**	**66**	**12**	**78**

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

Thematic area (May be specific to any given KVK)	**Actual Title of training conducted**	**No. of Courses**	**No. of Participants**								
			General			**SC/ST**			**Grand Total**		
			Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production											
Production of organic inputs											
Planting material production											
Vermi-culture											
Mushroom Production											
Bee-keeping											
Sericulture											
Repair and maintenance of farm machinery and implements											
Value addition											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
Rural Crafts											
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Composite fish culture											

Freshwater prawn culture											
Shrimp farming											
Pearl culture											
Cold water fisheries											
Fish harvest and processing technology											
Fry and fingerling rearing											
Any other (pl.specify)											
TOTAL											

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

Thematic area (May be specific to any given KVK)	**Actual Title of training conducted**	**No. of Courses**	**No. of Participants**								
			General			**SC/ST**			**Grand Total**		
			Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops	Nursery raising of flowers & vegetable under protected structure	01	8	-	8	2	-	2	10	-	10
Training and pruning of orchards											
Protected cultivation of vegetable crops											
Commercial fruit production											
Integrated farming											
Seed production	1.Wheat seed production tech	01	08	-	08	02	-	02	10	-	10
Production of organic inputs	1.Production technique of Nadap and vermin compost	01	06	-	06	02	-	02	08	-	08
Planting material production											
Vermi-culture											
Mushroom Production											
Bee-keeping	1.Enterpenurship development through Bee keeping	01	05	01	06	03	01	04	08	02	10
	2. Bee-keeping and production techniques.	01	07	00	07	03	00	03	10	00	10
Sericulture											
Repair and maintenance of farm machinery and implements											
Value addition											
Small scale processing											

Post Harvest Technology											
Tailoring and Stitching	1.Stitching: A way towards income generation	01	-	10	10	-	-	-	-	10	10
Rural Crafts											
Production of quality animal products											
Dairying											
Sheep and goat rearing	1.Enterpenurship development through Goat farming	01	03	-	03	07	-	07	10	-	10
Quail farming											
Piggery											
Rabbit farming											
Poultry production	1.Poultry farming	01	04	-	04	06	-	06	10	-	10
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 (Horti)											
TOTAL		**08**	**41**	**11**	**52**	**25**	**01**	**26**	**66**	**12**	**78**

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops											
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old orchards											
Protected cultivation technology											
Production and use of organic inputs											
Care and maintenance of farm machinery and implements											
Gender mainstreaming through SHGs											
Formation and Management of SHGs											
Women and Child care											
Group Dynamics and farmers organization											
Information networking among farmers											
Capacity building for ICT application											
Management in farm animals											
Livestock feed and fodder production											
Household food security											
Any other (SHG home science)	1.SHG Bank linkage programme	01	-	09	09	-	01	01	-	10	10
TOTAL		**01**	**-**	**09**	**09**	**-**	**01**	**01**	**-**	**10**	**10**

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	Intercropping of mustard with Sugarcane	01	39	-	39	01	-	01	40	-	40
	Intercropping of wheat with Sugarcane	01	38	01	39	01	-	01	40	-	40
	Production tech, of Wheat + Mentha crop	01	09	-	09	01	-	01	10	-	10
	Scientific Production technique of Lentil Crop	01	37	02	39	01	-	01	40	-	40
Integrated Pest Management	Management of YSB and leaf folder through	01	19	-	19	01	-	01	20	-	20

	pheromone trap in paddy crop										
	.Integrated approach for management of different pest of paddy crop.	01	40	-	40	02	-	02	40	-	40
Integrated Nutrient management	Use of bio fertilizers in paddy.	01	08	-	08	02	-	02	10	-	10
	.Use of bio fertilizers in paddy.	01	10	-	10	00	-	00	10	-	10
Rejuvenation of old orchards											
Protected cultivation technology											
Production and use of organic inputs	.Importance of Nadep and vermi compost in sugarcane crop.	01	09	-	09	01	-	01	10	-	10
	Organic millet production technologies for better health	01	-	11	11	-	09	09	-	20	20
	Natural farming	01	18	-	18	02	-	02	20	-	20
Care and maintenance of farm machinery and implements											
Gender mainstreaming through SHGs											
Formation and Management of SHGs											
Women and Child care	.Prenatal care	01	-	-	-	-	20	20	-	20	20
Low cost and nutrient efficient diet designing											
Group Dynamics and farmers organization											
Information networking among farmers											
Capacity building for ICT application	Role of Information and communication technology	01	09	-	09	01	-	01	10	-	10
Management in farm animals											
Livestock feed and fodder production	Calf feed & its management	01	06	-	06	04	-	04	10	-	10
	Production & preservation of green fodder	01	18	-	18	02	-	02	20	-	20
	Importance of mineral mixture for milch animal	01	40	-	40	-	-	-	40	-	40
	Importance of mineral mixture for milch animal	01	40	-	40	-	-	-	40	-	40
Household food security											
Any other Horti.,Home science Plant protection and soil science.	.Techniques of Transplanting of fruit plants	01	09	-	09	01	-	01	10	-	10
	. Management of pokka boing in sugarcane	01	18	-	18	02	-	02	20	-	20
	.Management of wheat rust	01	10	-	10	0	-	0	10	-	10
	Management of red rot in Sugarcane	01	09	-	09	01	-	01	10	-	10
	Plant propagation techniques of different fruit crops	01	19	-	19	01	-	01	20	-	20
	. Importance of drip irrigation in vegetable crops	01	38	-	38	02	-	02	40	-	40
	Knowledge on drudgery reduction concept	01	-	20	20	-	-	-	-	20	20
	Scientific cultivation techniques for vegetable production	01	40	-	40	-	-	-	40	-	40
	Sterility problem in milch animal.	01	35	-	35	05	-	05	40	-	40
TOTAL		**26**	**518**	**34**	**552**	**31**	**29**	**60**	**550**	**60**	**610**

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

Thematic area (May be specific to any given KVK)	Actual Title of training conducted	No. of Courses	No. of Participants								
			General			SC/ST			Grand Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	Intercropping of mustard with Sugarcane	01	39	-	39	01	-	01	40	-	40
	Intercropping of wheat with Sugarcane	01	38	01	39	01	-	01	40	-	40
	Production tech, of Wheat + Mentha crop	01	09	-	09	01	-	01	10	-	10
	Scientific Production technique of Lentil Crop	01	37	02	39	01	-	01	40	-	40
Integrated Pest Management	Management of YSB and leaf folder through pheromone trap in paddy crop	01	19	-	19	01	-	01	20	-	20
	.Integrated approach for management of different pest of paddy crop.	01	40	-	40	02	-	02	40	-	40
Integrated Nutrient management	Use of bio fertilizers in paddy.	01	08	-	08	02	-	02	10	-	10
	.Use of bio fertilizers in paddy.	01	10	-	10	00	-	00	10	-	10
Rejuvenation of old orchards											
Protected cultivation technology											
Production and use of organic inputs	.Importance of Nadep and vermi compost in sugarcane crop.	01	09	-	09	01	-	01	10	-	10
	Organic millet production technologies for better health	01	-	11	11	-	09	09	-	20	20
	Natural farming	01	18	-	18	02	-	02	20	-	20
Care and maintenance of farm machinery and implements											
Gender mainstreaming through SHGs											
Formation and Management of SHGs											
Women and Child care	.Prenatal care	01	-	-	-	-	20	20	-	20	20
Low cost and nutrient efficient diet designing											
Group Dynamics and farmers organization											
Information networking among farmers											
Capacity building for ICT application	Role of Information and communication technology	01	09	-	09	01	-	01	10	-	10
Management in farm animals											
Livestock feed and fodder production	Calf feed & its management	01	06	-	06	04	-	04	10	-	10
	Production & preservation of green fodder	01	18	-	18	02	-	02	20	-	20
	Importance of mineral mixture for milch animal	01	40	-	40	-	-	-	40	-	40
	Importance of mineral mixture for milch animal	01	40	-	40	-	-	-	40	-	40
Household food security											
Any other Horti. & P.P & Home Science	.Techniques of Transplanting of fruit plants	01	09	-	09	01	-	01	10	-	10
	. Management of pokka boing in sugarcane	01	18	-	18	02	-	02	20	-	20
	.Management of wheat rust	01	10	-	10	0	-	0	10	-	10
	Management of red rot in Sugarcane	01	09	-	09	01	-	01	10	-	10
	Plant propagation techniques of different fruit	01	19	-	19	01	-	01	20	-	20

	crops										
	. Importance of drip irrigation in vegetable crops	01	38	-	38	02	-	02	40	-	40
	Knowledge on drudgery reduction concept	01	-	20	20	-	-	-	-	20	20
	SHG Bank linkage programme	01	-	09	09	-	01	01	-	10	10
	Scientific cultivation techniques for vegetable production	01	40	-	40	-	-	-	40	-	40
	Sterility problem in milch animal.	01	35	-	35	05	-	05	40	-	40
TOTAL		**27**	**518**	**43**	**561**	**31**	**30**	**61**	**550**	**70**	**620**

Table. Sponsored training programmes

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

Animal Disease Management												
Fisheries Nutrition												
Fisheries Management												
Others (pl. specify)												
Total												
Home Science												
Household nutritional security												
Economic empowerment of women												
Drudgery reduction of women												
Others (pl. specify)												
Total												
Agricultural Extension												
Capacity Building and Group Dynamics												
Others (FTT)	Multi discipline	01	49	-	49	01	-	01	50	-	50
Total		01	49	-	49	01	-	01	50	-	50
GRAND TOTAL		**01**	**49**	**-**	**49**	**01**	**-**	**01**	**50**	**-**	**50**

Name of sponsoring agencies involved

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

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

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

VII. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	-	-		-
Diagnostic visits	104	786		786
Field Day	10	173		113
Group discussions	-	-		-
Kisan Ghosthi	16	3375		2120
Film Show	20	1250		1050
Self -help groups	-	-		-
Kisan Mela	-	-		-
Exhibition	1	180		180
Scientists' visit to farmers field	206	1264		1219
Plant/animal health camps	-	-		-
Farm Science Club	-	-		-
Ex-trainees Sammelan	-	-		-
Farmers' seminar/workshop	-	-		-
Method Demonstrations	-	-		-
Celebration of important days	07	309		309
Special day celebration	07	310		208
Exposure visits	-	-		-
Others (VBSY,Swachhata,Live Telecast)	74	6685		1075
Visit of farmers and farmer group	280	932		799
Lecture delivered	30	3500		2500
Meeting attended	15	-		-
Abhiyaan (Kharif abhiyaan and Meri life)	30	1673		1673
Total	**800**	**18764**		**12032**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	-
Extension Literature	05
News paper coverage	109
Popular articles	-
Radio Talks	1
TV Talks	2
Animal health amps (Number of animals treated)	-
Others (pl. specify) (Research paper)	-
Total	**117**

Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	127	-	20	05	45	-	197
	Voice only	353	46	52	19	61	-	531
	Voice & Text both	73	18	85	36	142	24	378
	Total Messages	**553**	**64**	**157**	**60**	**248**	**24**	**1106**
	Total farmers Benefitted	**6600**	**205**	**690**	**730**	**1250**	**170**	**9645**

VIII. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Gosthies			
	Lectures organised			
	Exhibition			
	Film show			
	Fair			
	Farm Visit			
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week			

IX. 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	Wheat- Rabi 2022-2023	DBW-187 PBW-327	-	278.85 105.03		Supplied to Uttar Pradesh Beej Vikas Nigam
	Paddy- kharif 2023	PB-1121	-	21.35	-	NSC, Meerut
	Urd bean -Kharif 2023	IPU-1102	-	2.75	-	Supplied to Uttar Pradesh Beej Vikas Nigam -
Oilseeds						
Pulses						
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others						
Total				**407.98**		

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
Commercial	Tomato	Kashi Sandesh	-	750	750	03
	Tomato	Ayaan	-	1000	500	01
	Chilli	Kashi Anmol	-	750	750	01
	Pumpkin	Kashi Harit	-	400	400	01
	Bottle Gourd	Kashi Ganga	-	600	600	02
	Songe gourd	Kashi sherya	-	1000	1000	05
	Chilli	-	HYveg-078	1500	750	02
	Cauliflower	-	Girjiya	14000	7000	05
	Brinjal	Kasha uttam	-	15000	15000	20
	Cauliflower	Pusa snow ball K1		60000	30000	15
	Cauliflower		Snow White	5700	1425	05
	Chilli	Kashi Anmol		10200	2550	05
Fruits						
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species						
Others						
Total	**12**	**-**	**-**	**110900**	**60675**	**65**

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg/lt	Value (Rs.)	No. of Farmers
Bio Fertilisers	Ghanjivamrit	100		Used in natural farming demo unit
	Liquid Jivamrit	300 lt		Used in natural farming demo unit
Bio-pesticide	Neemaashtra	20 lt		Used in natural farming demo unit
	Duspraniark	25 lt		Used in natural farming demo unit
Bio-fungicide	Beejaamrit	5 lt		Used in natural farming demo unit
Bio Agents				
Others (vermi compost)	vermi compost	1500 Kg		Available at vermi compost unit
Total		**1600 kg & 350 lt**		

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				

X. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	**410**	**410**	**40**	**82000.00**
Water	**-**	**-**	**-**	**-**
Plant	**-**	**-**	**-**	**-**
Manure	**-**	**-**	**-**	**-**
Others (pl.specify)	**-**	**-**	**-**	**-**
	-	**-**	**-**	**-**
Total	**410**	**410**	**40**	**82000.00**

XI. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC
KVK, Moradabad-1	1	28-11-2023

XII. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution

XIII. PUBLICATIONS

Category	Number
Books	-
Technical bulletins	-
Research Paper	-
Lead Papers	-
Book Chapters	-
Popular Articles	-
Newsletters	-
Technical reports	05
Others (pl. specify) (Leaflets)	06

XIV. 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.)**

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

Introduction of alternate crops/varieties

Crops/cultivars	**Area (ha)**	**Extent of damage**	**Recovery of damage through KVK initiatives if any**
Total			

Major area coverage under alternate crops/varieties

Crops	**Area (ha)**	**Number of beneficiaries**
Oilseeds		
Pulses		
Cereals		
Vegetable crops		
Tuber crops		
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
	15	-	16	3375	10	173	-	-	1	180	20	1250
Total	15	-	16	3375	10	173	-	-	1	180	20	1250

XVI. DETAILS ON HRD ACTIVITIES

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

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
SVPUA&T Meerut	HRD training of KVK staff	06	06	-
Total		06	06	

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

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

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

XIX Achievement of Special programmes

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

S. No.	SubSector*	QP Name *	Duration (hrs)	No. of Courses Organized	No. of Participants						
					SCs/STs		Others		Total		TOTAL
					Male	Female	Male	Female	Male	Female	
1	Agriculture Crop Production	Jute and Mesta Cultivator	200								
2	Agriculture Crop Production	Vineyard Grower	200								
3	Agriculture Crop Production	Vineyard Worker	200								
4	Agriculture Crop Production	Makhana Grower cum Processor	200								
5	Agriculture Crop Production	Temperate Fruit Grower (Options: Apple / Pear, Peach and Plum / Kiwi)	200								
6	Agriculture Crop Production	Orchard Worker (Options: Trainer-Pruner / Machine Operator – Landscape)	200								
7	Agriculture Crop Production	Vegetable Grower	200								
8	Agriculture Crop Production	Spice Crop Cultivator (Electives: Herbal Spices/Seed Spices/Tree Spices/Rhizomatous Spices/Oil Yielding Spices/Pod (Cardamom) Spices)	200								
9	Agriculture Crop Production	Nursery Worker	200								
10	Agriculture Crop Production	Essential Oil Extractor	200								
11	Agriculture Crop Production	Power Tiller Operator	200								
12	Agriculture Crop Production	Farm Worker	200								
13	Animal Husbandry	Goat Farmer	200								
14	Animal Husbandry	Piggery Farmer (Electives: Fattening/ Breeding)	200								
15	Fisheries	Coldwater Aquaculture Farmer	200								
16	Fisheries	Seaweed Cultivator	200								
17	Forestry, Environment and Renewable Energy Management	Timber Grower	200								
18	Forestry, Environment and Renewable Energy Management	Lac Cultivator	200								
19	Agriculture Industries	Ripening Chamber Operator	200								

20	Agriculture Industries	Group Farming Practitioner	200								
21	Agriculture Industries	Agri Commodity Fumigation Operator	200								
22	Agriculture Industries	Plant Tissue Culture Technician	200								
23	Agriculture Crop Production	Flower Handler-Packaging & Palletising	212								
24	Agriculture Crop Production	Tropical/Subtropical Fruit Grower	220								
25	Agriculture Crop Production	Florist	220								
26	Agriculture Crop Production	Service and Maintenance Technician-Farm Machinery	220								
27	Fisheries	Cage Culture Fish Farmer	230								
28	Agriculture Crop Production	Pesticide & Fertilizer Applicator	232								
29	Agriculture Crop Production	Operator-Reaper, Thresher and Crop Residue Machinery	236								
30	Animal Husbandry	Stud Farm Worker	240								
31	Animal Husbandry	Companion Animal Groomer	244								
		TOTAL									

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

a) CRM Machinery status of the CRM KVKs

Name of machine	Name of machine procured	No. of demo conducted	Area covered (ha)	No. of farmers covered	Result					
					Demo yield (q/ha)	Check yield (q/ha)	Increase in yield %	Cost of cultivation (Rs/ha)	Net return (demo plot)	B:C ratio
Happy Seeder										
Reversible M.B. Plough										
Paddy Straw Chopper/ Shradder / Mulcher										
Zero Till Drill										
Rotavator										
Tractor										
Total										

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

b) IEC activities organized under CRM Project by KVKs

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

b) Other IEC activities organized under CRM Project by KVKs

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

3) Achievement of TSP (Tribal Sub Plan)

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

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

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

5) Achievements of SCSP KVKs

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

6) Achievement under IFS KVKs

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

7) Activities performed under NARI programme

Table-7.1: Details of activities performed under NARI programme

Nutritional Garden		Bio-fortified crops		Value addition		Training programmes		Extension activities	
No of Established	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries	No of activity	No. of farmers/ beneficiaries
45	**45**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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

Category	Bio Fortified Crop	Variety	Area (ha)	No of Beneficiaries
Cereal	Maize			
	Rice			
	Wheat			
Millet	Finger millet			
	Pearlmillet			
	Sorghum			

Oilseed	Groundnut			
	Mustard			
Pulses	Lentil			
	Lathyras			
Vegetable	Cauliflower			
Tuber	Sweet Potato			
Total				

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

Sample	No. of Samples in lakh	No. of Farmers in lakh	No. of Villages in lakh	Amount realized (Rs. in lakhs)	No. of Soil Health Cards issued (lakhs)
Soil	0.00410	0.00410	0.0040	0.820	
Water	-	-	-	-	
Plant	-	-	-	-	
Manure	-	-	-	-	0.00410
Total					

9) 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

10) Achievements under ARYA Project

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

11) Achievements under Pulses Seed Hub programme

Season/Crop	Name of Pulse crop	Variety	Production			Category of seed	Distributed to No. of farmers
			Target (q)	Area sown (ha)	Actual Production (q)	(F/S, C/S)	
Kharif	Black gram						
	Green Gram						
	Pigeon pea						
Total (Kharif)							
Rabi	Chick pea						
	Field pea						

	Lentil						
Total (Rabi)							
Summer	Black gram						
Total (Summer)							
Grand Total							

12) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of Programmes	No. of persons participated
1	Toilet maintenance	-	-
2	Road, drain cleaning	01	30
3	Garbage disposal	02	90
4	Door to door awareness	-	-
5	Awareness campaign	10	393
6	Nookkad Drama	-	-
7	School Drama	-	-
8	School rally	-	-
9	Writing paining slogans	-	-
10	Composting	-	-
11	Other	-	-

13) Achievements under Aspirational District Scheme

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

14) Awards

S.No.	Name of Award received	Name of KVK/farmer	Year of Award	Date on which award received

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

----------XXXXXXX----------