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

				Т	Гуре of Me	essages		
Name of KVK	Message Type	Crop	Livesto ck	Weath er	Marke- ting	Aware- ness	Other enterpris e	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		

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

<u>1. GENERAL INFORMATION ABOUT THE KVK</u>

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	Office	FAX	moradabadkvk@gmail.com
(U.P.) - 202411			

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@gma il.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	-	-	-	-	-	-	-	-	-	-

3

10	5 Supp	oporting	Sri Sarvesh	Attendant	19900-	30200	27-02-	Permanent	OBC	9760866548	41	
	staff	f	Kumar		56900		2008					

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1.0.	1 otal land with KVK (in na) : 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)	-

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

1.7. Infrastructural Development: A) Buildings

			Source			Stage	e		
S.			of		Complete		Incomplete		
S. No.	Name of buil	ding	funding	Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status o constructi
1.	Administrative Building	;	ICAR		510				Complete
2.	Farmers Hoste	1	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 harvesting syst	Water em	-	-	-	-	-	-	-
7	Threshing floor	r	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

Sl.No.	Name of participants	Designation	Silent Recommendations	Action taken
1	Mk0ih0ds 0 flag	funs"kd izlkj I0o0i0 d`f'k ,oa izkS0] fo0fo0] esjB	 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 Qlyksa ds mUur fdLe ds cht izklr djus gsrw fofHkUu laLFkkuks ds cht iksVZy dk izpkj&izlkj fd;k tk;sA 	funsZ"k ds vuqlkj dk;Zokgh dh tk;sxhA 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 ¼IL; 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	IHkh oSKkfud
5	Mk0 nhid esganhjR Rkk	IEekfur InL;	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	IEekfur InL;k]	10- efgykvksa dh vkthfodk	Mk0 usgk flga
	xkxhZ pkSgku	efgyk d`'kd	,oa vk; l`tu gsrq izf"k{k.k vk;ksftrdjk;sA	

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2. DETAILS OF MICRO-FARMING SITUATIONS OF THE DISTRICT

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

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)	loam and are generally fertile. This area is nearby districtheadquarters.	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.

2.	AES-2	occurs in Kharif. This AES hastwo rivers namely Ram Ganga and Gangan. The soils of this AES are generally	Drainage is not a major problem.
	(Bilari)	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.	
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.	part has face flood in rainy

c) AES-wise major problems

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S.No	Agro-Ecological Situation (AES)	Major problems	Rank
1.	AES-1	Disease infection	I
	The soils of this AES are loam,	 Insect infestation 	I
	sandy loam and are generally	 Less availability of newly released 	I.
	fertile. Some parts in this AES are	HYV	
	low lying where Paddy is cultivated	Weed infestation.	Ш
	in Kharif. This AES is mainly	• Weed Intestation.	
	irrigated by Tubewells and quality of water is suitable for irrigation.	— 100	
	The main crops of this AES are	Temporary wilting, permanent	ш
	Paddy, wheat, sugarcane, Mustard,	wilting due to aberrant weather	111
	Mentha, Poplar and vegetables,	condition	
	Floriculture and some fruit crops		
	are also grown.	 In winter season sudden change in 	
	(Moradabad)	night temperature causes frost	
			111
2.	AES-2	Disease infection	I
	The soils of this AES are generally	 Insect -pest incidence. 	I
	loam to sandy loam soil and	Less availability of newly released	I
	average fertile. The main crops of	HYV	
	this AES are Paddy, Wheat,	Weed infestation.	II
	Mentha, Sugarcane, Mustard, Urd		
	bean, and horticultural crops	 No use of organic manures/ green 	
	(Bilari)	manuring is main reason of low	III
		productivity.	
		Broad cast method of sowing.	Ш
			•••
		Desular Dedah Wheet crossing	
		 Regular Paddy-Wheat cropping system responsible for low 	III
		productivity and less fertility	
		of soil.	
		 Flood Method of irrigation 	III
		 Improper way of storing cow dung 	III
		in open pits	
3.	AES-3	Disease infection	I
	The AES is Partially waterlogged.	 Insect -pest incidence. 	I
	Sandy loam to loam and clay soil	 Less availability of newly released 	I
	of medium fertility. The quality of	HYV	
	water for irrigation is good. Main	Unavailability of green fodder	
	crops of this AES are Paddy,		П
	wheat, sugarcane, and horticultural	around the year for animal	

crops	•	Weed infestation.	
(Number of deal Kan deals)	•	Lack of awareness to sex sorted	II
(Mundapandey, Kundarki)		semen	111
	•	90 % of farmers are marginal in holding	ш

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	Tem	perature ⁰ C	Relative Humidity
	1 ear 2025	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	Existin g yield (q/ha, numbe r/year)	Major problem identified	Identified thrust area
	Vijaypur	Bilari	Paddy Wheat Mentha Potato Sponge Gourd Brinjal Tomato Cauliflower Dairy	32.70 42.48 1251t 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

2 Sandalp	ur Kundarki	Paddy	33.8	•	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 Low Productivity of paddy,	•	Lack of marketing knowledge and skill orientation Dairy management 11 Integrated
		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	Bilari	Paddy	38.90	•	Low Productivity of paddy,	•	Integrated
	Roop		Wheat	42.50		wheat, etc. The main reason of	•	plant nutrient
	Patti		Potato	260		low yield is due to lack of high		management
						yielding varieties and stem borer and different diseases in		in rice -wheat cropping.
			Cauliflower	93.90		Paddy and wheat crops.		
			Sugarcane,	920		Former force services infactation	•	IPM in crops
			Mustard	14.40	•	Farmer faces severe infestation of top borer, red rot and pokka	•	Promotion of
			Mentha	115		boing in Sugarcane crop, Stem		new released
			Dairy	28		borer and different diseases in Paddy crop.		varieties.
						T 111 1 / 1	•	Promotion of
					•	Low milk production and sterility problem in animals		income generating
						especially in cattle and lack of		crops.
						awareness about good breeds of animals and artificial	•	Awareness
						animals and artificial insemination.		towards
								drudgery
					•	Different diseases in cattle.		reduction tools
					•	Lack of awareness regarding		or
						balance use of fertilizer.		technologies
					•	Need soil testing.	•	Lack of
					•	Lack of knowledge about		marketing
						improved varieties of different		knowledge and
						crops.		skill
					•	High drudgery faced by farm		orientation.
						women during agricultural & household chores	•	Dairy
					•	Low- or no-income generation		management
						among SHGs		C
4.	Sonakpur	Kunderki	Paddy	37.3	•	Farmer faces severe infestation	٠	Integrated
			Wheat	40.50		of top borer, red rot and pokka boing in Sugarcane crop.		plant nutrient management
			Sugarcane	780		bonng in Sugarcane crop.		in rice -wheat
			Mustard	15	•	Stem borer and different		cropping.
			Dairy	32		diseases in Paddy crop.	•	IPM in crops
			Duny	52	•	Low milk production and	•	n w m crops
						sterility problem in animals	•	Promotion of
						especially in cattle and lack of awareness about good breeds of		new released varieties.
						animals and artificial		varieues.
						insemination.	•	Promotion of
						Different diseases in cattle.		income
					•	Different uiseases in cattle.		generating crops.
					•	Lack of awareness regarding	•	Awareness
						balance use of fertilizer.		towards
					•	Need soil testing.		drudgery
						son 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 	•	reduction toolsortechnologierLackofmarketingknowledgeskillorientation.Dairymanagement
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 -		
	Rice/ wheat	wheat cropping		
3.	Pulses	Enhancing the area under Kharif &		
	Puises	Rabi pulses		
4.	Oil seeds	Enhancing the area under Kharif &		
	On seeds	Rabi oil seeds.		
5.	Cereals/Pulses/	IDM in groups		
	Oil seeds/ Vegetables	IPM in crops		
6.	Cereals/Pulses/	Promotion of new released varieties.		
	Oil seeds/ Vegetables	Promotion of new released varieties.		
7.	Cood production	Promotion of seed production in		
	Seed production	different crops.		
8.	Mango	Rejuvenation of old mango orchards		
9.	Guava	Management of Guava orchards.		
10.	Vagatablas	Promotion of organic farming in		
	Vegetables	vegetables.		
11.	Floriculture	Promotion of income generating		
	rionculture	crops.		
12.	Bee-keeping	Popularization of Bee-keeping		
13.	Vermi compost	Popularization of Vermi compositing ⁸		
14.	Dairy	Dairy Management		
15.	Paddy	Drudgery Reduction		

<u>3. TECHNICAL ACHIEVEMENTS</u>

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

FLD (Oilseeds, Pulses, Cotton, Other **OFT (Technology Assessment)** Crops/Enterprises) 2 1 Number of OFTs Total no. of Trials Number of Farmers Area in ha Achievement Targets Achievement Targets Achievement Achievement Targets Targets 165 (CFLD) 66 165 10 10 48 88 66 78 58.65 230 337

Training (incluced carries of the content of the carries of the ca	uding spons ied under R	,	Extension Activities					
		3					4	
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achieve	Target	Achievement	Target	Achiev	Targets	Achievem
		ment	S		S	ement		ent
Farmers	75	71	1500	1435	400	800	4000	18746
Rural youth	07	08	70	78				
Extn.	25	27	500	620				
Functionaries								
FTT	-	01	-	50				
Total	107	107	2070	2183				

	Seed Production	n (q)	Planting material (Nos.)				
Target	5 Achievement	Distributed to no. of farmers	O Target Achievement Distributed to 1 of farmers 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
	Vegeta ble 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
	Sugarac ne	Assessment of sugarcane stripper (manual operated IISR model) in drudgery reduction	01	15
Storage Technique				
Others. Intercropping	Sugarca ne	Management of intercropping of mustard in Sugarcane crop.	01	05
. Other . Nutrient Management		Use of proper dose of NPK with organic manure	01	05
Total			08	58

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						

Summary of technologies assessed under livestock by KVKs

Summary of technologies assessed under various enterprises by KVKs

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

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.

	No.of trials	Major parameter			Cane equivalent		Not Dotuma
Technology Option		Cane hight(cm)	Mustard yield (qt/ha)	Cane yield	yield (qt./ha)	Advantages(%)	Net Returns (Rs/ha)
Planting sugarcane at 32 inch row spacing (Farmers Practice)		168	-	811	811	-	194132
Paired row planting at 32 inch spacing + growing intercrop between two rows (Mustard)	5	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	No. of	Major parameter			Yield (qt./ha)	Advantage (%)	Net Returns (Rs.in
Option	trials	(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 &	25- 29 June, 2023 & 16- 22 Oct. 2023.
harvesting	

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 si	ze(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	05	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 &	07 June 2023
harvesting	14-20 September, 2023

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.

Technology	No.of	Major Pa	rameters		Yield	% Increase in	Net return (Rs./ha)	B:C Ratio
Option	trials	Duration(Days)	Pt. Height (cm.)	No. of pod /plant	(q./ha)	yield over farmer's practice		
$T_1 - Farmers$								
practice - Arkil								
	05							
T ₂ - Kashi Ageti Matar								

Tubles I childhance of omon variety Tublin Tigeti Matur	Table:-	Performance	of onion	variety -	Kashi Ageti Matar
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Recommendation	
Farmers reactions	
Date of Sowing & harvesting	01 - 10 Oct 2023

Result Awaited

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) T_2 - Use of "Gonadotropin" before two hour of AI @ 2.5 ml. (Recommended practice)	20	

Recommendation	
Farmers reactions	

Result awaited

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.	10		

Recommendation	
Farmers reactions	

Result awaited

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 %.

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
T2: Use of Tebuconazole50% + Trifloxistrobin25% @ 80 gm/acre.	00	1.63 %	49.77	12.09%	84.65	89987	1:2.39

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

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	k 24/06/23 to 03/07/23 02/10/2023 to 18/10/23

Sale Rate 3100/q

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
T2: Use of Dinotefuron15%+45% @ 133 gm/acre	10	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

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)		60 Kg	150 Kg	150 %
B)	Heart rate				
	At rest		72	72	0
	After 1 hr cleaning	5	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

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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)				
B)	Heart rate				
	At rest				
	After 1 hr sugarcane stripping	15			
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/ Enterp rise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizonta	l spread of tech	nnology
					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	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
INO			year	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	owing date	larvest date	Seasonal infall (mm)	Vo. of rainy days	
		Ð		N	Р	K		S	Н	ra	2
Urdbean	Kharif 2023	Irrigated	Loam	Medium	Low	Medium	Wheat	24-31 July, 2023	20-28 Oct 2023	-	-

Performance of FLD

Thomatio	Tashnalagu		No. of	A.r	Parameters name	Result o	of main pa	rameter	Cheek	(0/)	
	•••	Variety				Demo. plot				(%) Advantage	
Alea	Demonstrated		T diffier 5	(114.)		Н	L	Α	1100	Auvantage	
2	3	4	5	6	7	8	9	10	11	12	
- ICM	ICM through improved seed+ Weed management techniques + Insect and Pest management	Vallabh-1	50	20	Plants count /sq mt	22	20	21 /	27	16.30	
	Thematic Area 2 - ICM	Area Demonstrated 2 3 ICM through improved seed+ Weed management techniques + Insect and	Area Demonstrated Variety 2 3 4 ICM through improved seed+ Weed management techniques + Insect and Vallabh-1	AreaDemonstratedVarietyFarmers2345ICM through improved seed+ Weed management techniques + Insect andVallabh-150	AreaDemonstratedVarietyFarmers(ha.)23456ICM through improved seed+ Weed management techniques + Insect andVallabh-15020	Thematic AreaTechnology DemonstratedVarietyNo. of FarmersArea (ha.)234567234567ICM through improved seed+ Weed management techniques + Insect andVallabh-15020	Thematic Area Technology Demonstrated Variety No. of Farmers Area (ha.) 2 3 4 5 6 7 8 ICM through improved seed+ Weed management seed+ Weed management Farmers 20 Plants count /sq mt 10	Thematic Area Technology Demonstrated Variety No. of Farmers Area (ha.) Image: Demonstrated Image: Demons	Thematic Area Technology Demonstrated Variety No. of Farmers Area (ha.) Area (ha.) Image: Constraint of the section of th	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	

	Demo. Yield	q/ha	Yield of local	Increase in vield	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
н	L	А	Check q./ha	(%)	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	a (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	owing date	Harvest date	Seasonal iinfall (mm)	Vo. of rainy days
		0		Ν	Р	K		Š	<u> </u>	Li I	4
Lentil	Rabi 2023- 24	Irrigated	Loam	Medium	Low	Medium	Paddy	08 -16 Nov 2023		-	-

Performance of FLD

	-			Num		Parameters	Result	of main pa	rameter		
Crop	Themat ic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	name		Demo. plo	t	Check Plot	(%) Advantage
	ic Alca			i annei 5	(114.)		Н	L	Α	1101	
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	IIPL-526	40	16						

	Demo. Yield	q/ha	Yield of local	Increase in vield	E	Economics of dem	onstration (Rs./h	na.)		Economic (Rs.	s of check /ha.)	
н	L	А	Check q./ha	(%)	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	Area (h	na)		lo. of farmers/ lemonstration		Reasons for shortfall in achievement
INO.				year	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

Сгор	Season	Farming situation (RF/Irrigated)	Soil type		Status of soi	l	Previous crop	owing date	Harvest date	Seasonal uinfall (mm)	vo. of rainy days
		D		Ν	Р	Κ		S S	<u>н</u>	L2	4
Mustard	Rabi 2023- 24	Irrigated	Loam	Medium	Low	Medium	Paddy/Bajra	15-21 Oct. 2023	-	-	-

Performance of FLD

		T				Parameters name	Result of	of main pa	arameter		
Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)			Demo. plo	ot	Check Plot	(%) Advantage
		Demonstrated		i annei s	(11a.)		Н	L	Α	FIOL	
1	2	3	4	5	6	7	8	9	10	11	12
Mustard		ICM through improved seed+ Weed management techniques + Insect and Pest management		75	30.0						

	Demo. Yield	q/ha	Yield of local	Increase in vield	I	Economics of dem	onstration (Rs./h	na.)			s of check /ha.)	
н	L	А	Check q./ha	(%)	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.	Crop	The	matic area	Technol	ogy Demonstrate	d	Season and	d	Are	a (ha)	No. o	of farmers	/ Demonst	ration	Reasons for	
N.	Стор		natic area	reemon	ogy Demonstrate	AL .	year]	Proposed	Actual	SC/ST	C	thers	Total	in achiev	ement
1	Paddy	y ICM			of improved y variety PR-126	high 5	Kharif 2023		0.8	0.8	01	(17	08		
	Details	of farming	situation													
Cro	р	Season	ing.	situation (RF/Irrig ated)	il type	Status of soil					Previous crop Sowing date			Harvest date	Seasonal rainfall (mm)	No. of rainy days
		Ň	л Ц	sit Sit	So	Soil Soil			,	Κ	Pre	Press 1		Η	Sec	Z L O
Padd	у	Kharif 2023	Irr	igated	Sandy loam and loam	Med	lium	Mec	lium	Medium	Wheat	202 05	-07- 23 To 5-07- 023	08-16 oct. 2023	-	-
Perfor	mance o	of FLD		•	L							1				
			Took	mology		No	of	A * 0.0	Paran	neters name	Result o	of main p	arameter	Cheak		
Crop	Them	natic Area		nnology Instrated	Variety			Area (ha.)			0	Demo. Plo	ot	Check Plot	(%) Adv	vantage
					-						Н	L	Α			
1		2		3	4		5	6		7	8	9	10	11	1:	2
Paddy	im va	omoting proved ariety of paddy	Promotion yielding va of rice	of high ariety PR-126		8 0.8			No. of	f effective tillers per meter square		182	206	172	2 19.	76

	Demo. Yield q	ı/ha	Yield of local	Increase in vield	E	conomics of dem	onstration (Rs./h	na.)		Economic: (Rs./		
н	L	A	Check q./ha	(%)	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					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 PR114
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 PR114	Variety PR-126 is higher grain yielder as compared to PR114
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.	Crop	a The	natic area	Taabnal	ogy Demonstrate	d	Season an	ıd	Ar	ea (ha)	No. o	of farmer	s/ Demonst	tration	Reasons for	shortfall
N.	Clop		natic area	Technon	ogy Demonstrate	u	year]	Proposed	Actual	SC/ST	C C	Others	Total	in achieve	ement
1	Padd				of improved high dy variety PB-1692		Kharif 2023		3.0	3.0	05		10	15		
	Details of farming situation															
Cro	Сгор		ino	Soil type	Status			soil		Previous crop Sowing		Sowing date	Harvest date	Seasonal rainfall (mm) No. of rainy		
		Season	ц	situation (RF/Irrig ated)	So		Ν		,	K	Pr		Ň	Н	Se r2	Ζ
Padd	ly	Kharif 2023	Irr	igated	Sandy loam and loam	Med	edium Medium M		Medium	Wheat 30-06- 2023 To 03-07- 2023		18-23 oct. 2023	-	-		
Perfor	mance	of FLD				-					-					I
Crop	Ther	Thematic Area		nology	Variety No		No. of Ar	Area		Parameters name		Result of main parameter Demo. Plot		Check	(%) Advantage	
orop		nutio / li cu	Demo	nstrated	Fullocy	Far	mers	(ha.)					A	Plot	(/o) Auvantage	
1		2		3	4		5	6	7		8	9	10	11	12	2
Paddy	, in va	romoting nproved ariety of paddy	Promotion high yiel PB-1692 c		PB 1692		15	3.0	No. of effective tillers po meter square		202	182	193	164	4 17.6	58

	Demo. Yield q	/ha	Yield of local						Economics of check (Rs./ha.)				
н	L	А	Check q./ha	(%)	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.

S	5. N.	Feedback
	1	Variety Pusa basmati 1692 is higher grain yielder as compared to P.B1509
	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.B1509	Variety Pusa basmati 1692 is higher grain yielder as compared to P.B1509
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		Technology Demonstrated	Season and	Area (ha)		No. of fa	rmers/ Demonstr	ration	Reasons for shortfall in
Ν.	Crop	Thematic area	recunology Demonstrated	year	Proposed	Actual	SC/ST	Others	Total	achievement
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	eason	rming uation //Irrigat ed)	Elization Status of soil			evious crop	owing date	arvest date	asonal infall mm)	lo. of 1y days	
	Ň	Far situ (RF/	So	Ν	Р	K	Pre	Š,	Η	Seas rain (m:	N rain
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	ety No. of Farmers		Parameters name		of main pa Demo. plo	arameter ot	Check Plot	(%) Advantage
	Alea			T diffiers	(ha.)		Н	L	Α	1100	
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	Increase in vield	E	conomics of demo	onstration (Rs./h	a.)	Economics of check (Rs./ha.)					
н	L	А	Check q./ha	(%)	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	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.	Сгор	Thematic area	Technology Demonstrated	Season and year	Area (ha	a)	No. of fa	armers/ Demonstr	ation	Reasons for shortfall in
N.	Стор	Thematic area	Technology Demonstrated	Season and year	Proposed	Actual	SC/ST	Others	Total	achievement
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

Сгор	eason	rming uation (/Irrigat ed)	il type		Status of soil		revious crop	owing date	larvest date	asonal infall mm)	lo. of 1y days
	Ň	Fa siti (RF	So	Ν	Р	К	Pre	Š	H	Sea rai (r	N rair
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 Demo. plot			Check Plot	(%) Advantage	
							Н	L	Α			
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 o	q/ha	Yield of local	Increase in vield	(%) Gross Return Net return BCR				Economics of check (Rs./ha.)					
н	L	А	Check q./ha		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		
-	_													

FLD – 5 Crop Production: Wheat

S.	Сгор	Thematic area	Technology Demonstrated	Season and year	Area (ha	a)	No. of fa	armers/ Demonstra	ation	Reasons for shortfall in
Ν.	Стор	Thematic area	Technology Demonstrated	Season and year	Proposed	Actual	SC/ST	Others	Total	achievement
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

Сгор	eason	rming uation //Irrigat ed)	il type	5	Status of soil		evious erop	owing date	arvest date	asonal infall mm)	lo. of 1y days
	Š	Fa situ (RF	So	N	Р	K	Dre	Sc	Η ³	Sec Ia	N rain
Wheat	Rabi 2023-24	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Paddy	19-24 Nov.2023		-	-

Performance of FLD

Сгор	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Parameters name		sult of m paramete Demo. plo	er	Check Plot	(%) Advantage
							Н	L	Α		
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	Increase in vield	E	Economics of dem	onstration (Rs./h	na.)			ics of check s./ha.)	
н	L	A	Check q./ha	(%)	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

FLD - 6 Soil Science : Sugarcane

Cron	Thematic	Techno	logy	Season and	Are	ea (ha)	1	No. of fa	rmers/ Der	nonstrati	ion	Reaso	ons for sl	nortfall
Сгор	area			year	Proposed	Actual	SC	C/ST	Other	s -	Total	in a	achievem	nent
S.cane	INM	through wat fertilizers (N:P:K in S	er soluble 19:19:19) 5.cane @	Zaid 2023	6.0	6.0	0	1	14		15		-	
of farming sit	uation												-	
ason	rming Lation	(ted)	il type	S	Status of soil		evious	crop	owing date		urvest Hate	זמופ	asona ainfall	o. of ainy
Š	Situ Situ		So	Ν	Р	к	Pre	0	ů o		н		Se Se	Z
Zaid 2023	Irrigated	d loan	n and	Medium	Medium	Low	Whea	at	March.				-	-
ance of FLD												·		
Thematic	Techn	nology	Variot	, No. of	Area	Parameters n	ame	Result			Chec		(%) Adv	antago
Area	Demon	strated	variety	Farmers	(ha.)		-	н	L		- Plo	t	(70) Auvo	antage
2	3	3	4	5	6	7		8	9	10	11		12	
INM			Cos - 02	38 15	6.0									
<i>,</i>	of farming sit	Crop area area INM S.cane INM of farming situation Director Of farming situation Director V Zaid 2023 Irrigated ance of FLD Thematic Area Demon 2 Nutrient	Crop area Demonstrated S.cane INM Nutrient mathrough water fertilizers (N:P:K in S 13.75 K of farming situation 13.75 K of farming situation Diamong (Diamong (Diamon	CropareaDemonstratedareaDemonstratedINMNutrient management through water soluble fertilizers (19:19:19) N:P:K in S.cane @ 13.75 Kg/ha .of farming situationImage: Strate of farming situation<	CropareaDemonstratedyearareaINMNutrient management through water soluble fertilizers (19:19:19) N:P:K in S.cane @ 13.75 Kg/ha .Zaid 2023of farming situationImage: Solution of farming situation of farming situationImage: Solution of farming situation of farming situationImage: Solution of farming situation of farming situationImage: Solution of farming situation of farming solution of farm	CropInternatic areaTechnology DemonstratedSeason and yearProposedS.caneINMNutrient management through water soluble fertilizers (19:19) N:P:K in S.cane @ 13.75 Kg/ha .Zaid 20236.0of farming situationImage: Status of soil Status of soilImage: Status of soil Status of soilImage: Status of soil PImage: Status of FLDImage: Status of FLDImage: Status of soil Image: Status of FLDImage: Status of soil PImage: Status of FLDImage: Status of soil Image: Status of	CropareaDemonstratedyearProposedActualNutrient management through water soluble fertilizers (19:19:19) N:P:K in S.cane @ 13.75 Kg/ha .Zaid 20236.06.0of farming situationof farming situationStatus of soilSeriesStatus of soilNPStatus of soilNPKZaid 2023IrrigatedSandy loam and loamMediumMediumLowArea (ha.)Technology DemonstratedVarietyNo. of FarmersArea (ha.)Parameters nNutrient through water water water water water water water water solubleVarietyNo. of FarmersArea (ha.)Parameters n	Crop Internatic area Demonstrated Season and year Proposed Actual SC 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 0 of farming situation Image and the soluble fertilizers (19:19:19) N:P:K in S.cane @ 13.75 Kg/ha . Status of soil 6.0 0 of farming situation Image and the soluble fertilizers (19:19:19) N:P:K in S.cane @ 13.75 Kg/ha . Status of soil 50 Variety N P K Actual Status of soil Zaid 2023 Irrigated Sandy loam and loam Medium Medium Low Wheat ance of FLD Technology Demonstrated Variety No. of Farmers Area (ha.) Parameters name 2 3 4 5 6 7	CropIntenduct areaDemonstratedSeason and yearProposedActualSC/STScaneINMNutrient management through water soluble fertilizers (19:19:19) N:P:K in S.cane @ 13.75 Kg/ha .Zaid 20236.06.001of farming situationImage: Status of soilImage: Status of FLDImage: Status of soilImage: Status of FLDImage: Status of soilImage: Status of FLDImage: Status of soilImage: Status of FLDImage: Status of soilImage: Status of FLDImage: Status of soilImage: Status of FLDImage: Status of soilImage: Status of FLDImage: Status of soilImage: Status of soilImage: Status of soil <t< td=""><td>CropInternatic areaDemonstratedSeason and yearProposedActualSC/STOtherS.caneINMNutrient management through water soluble fertilizers (19:19:19) 13:75 Kg/ha .Zaid 20236.06.00114of farming situationN:P:K in S.cane 13:75 Kg/ha .Zaid 20236.06.00114VarietyVarietyNPKVarietyVa</td><td>Crop Internatic area Demonstrated Season and year Proposed Actual SC/ST Others 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 of farming situation Image of the season and the season and of graming situation Status of soil Status of soil So of the season and 2023 Status of soil So of the season and the season and the season and the season and the season</br></br></br></br></br></br></br></td><td>Crop Intentatic area Demonstrated Demonstrated Proposed Actual SC/ST Others Total 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 of farming situation Demostrated Zaid 2023 Status of soil Status of so</td><td>Crop Internate area Demonstrated Season and year Proposed Actual SC/ST Others Total in a 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 of farming situation Image: Status of soil Status of soil Status of soil Status of soil So Status of soil<</td><td>Crop Initiality area Demonstrated Demonstrated Season and year Proposed Actual SC/ST Others Total Initiality in activity of a single proposed 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 - of farming situation Status of soil Status of soil Status of soil Song & Song</td></t<>	CropInternatic areaDemonstratedSeason and yearProposedActualSC/STOtherS.caneINMNutrient management through water soluble fertilizers (19:19:19) 13:75 Kg/ha .Zaid 20236.06.00114of farming situationN:P:K in S.cane 13:75 Kg/ha .Zaid 20236.06.00114VarietyVarietyNPKVarietyVa	Crop Internatic area Demonstrated Season and year Proposed Actual SC/ST Others 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 of farming situation Image of the season and the season and of graming situation Status of soil Status of soil So of the season and 2023 Status of soil So of the season and the season and the season and 	Crop Intentatic area Demonstrated Demonstrated Proposed Actual SC/ST Others Total 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 of farming situation Demostrated Zaid 2023 Status of soil Status of so	Crop Internate area Demonstrated Season and year Proposed Actual SC/ST Others Total in a 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 of farming situation Image: Status of soil Status of soil Status of soil Status of soil So Status of soil<	Crop Initiality area Demonstrated Demonstrated Season and year Proposed Actual SC/ST Others Total Initiality in activity of a single proposed 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 - of farming situation Status of soil Status of soil Status of soil Song & Song

D	emo. Yi	eld q/ha	Yield of local	Increase in vield		Economics of dem	onstration (Rs./h	a.)		Eco	nomics of ch (Rs./ha.)	eck
н	L	A	Check q./ha	(%)	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

FLD - 7 Soil science : Sugarcane

S.	Crop	Th	ematic are	т	echn	ology	Season and	A	Area (I	ha)		No. of fa	rmers/ De	emonstrat	ion	Reas	ons for sl	nortfall
N.	Сюр			De De	emon	strated	year	Propose	ed	Actual		SC/ST	Othe	rs -	Total	ina	achievem	nent
1	S.can	e	INM	throug	gh Su	nanagement Ilphur @ 30 n S.cane	Zaid 2023	6.0		6.0		-	15		15		-	
Details	s of farm	ing situat	tion															
Cro	р	Season	rmina	situation (RF/Irrig ated)		Soil type	S	tatus of soil			-	crop	Sowing		Harvest	Jale	Seasona I rainfall (mm)	No. of rainy davs
		Se	Ц	situ a		So	Ν	Р		К	Ċ		ŭ č		Η̈́		Se –	ZCO
S.ca	ne	Zaid 2023	Irri	gated	loan	andy n and pam	Medium	Medium		Low	Wh	eat	19-23 March. 2023		25-28 Fe 2024 Tentativ		-	-
Perfor	mance o	of FLD																
			т	echnology			No. of	Area	Pa	arameters na	me		of main pa		Chec	· k		
Crop	Them	atic Area		monstrated		Variety	Farmers	(ha.)					Demo. plo	t	- Plot		(%) Adva	intage
				-								Н	L	A				
1		2	NI 4 1 4	3		4	5	6		7		8	9	10	11		12	
S.can	e	INM	Nutrient through Kg/ha. ir	manager Sulphur @ S.cane	nent 30	Cos- 0238	15	6.0										
	Demo.	íield q/ha		Yield of local		crease in vield		conomics of d	emons	tration (Rs./ha	a.)			Eco	onomics o (Rs./ha			

	Demo. Yield q/	ha	Yield of local	Increase in vield		Economics of dem	onstration (Rs./h	na.)			s of check /ha.)	
н	L	Α	Check q./ha	(%)	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

FLD - 8 Horticulture : Okra

S.	Crop			ematic	Tec	hnology Dem	onstrated	Season	Area	(ha)			of farm nonstrat			sons for rtfall in																		
N.	1		;	area				and year	Proposed	Actua	al SO	C/ST	Others	Total		evement																		
1			V	arietal	Promo	otion of Okra	ariety Kashi	Kharif								-																		
	Okra		Eva	aluation		pragati		2023	0.5	0.5	0	2	08	10																				
)eta i	ils of farm	ing sit	uati	on																														
	Crop	Season		Farming situation (RF/Irrig ated)		Soil type	S	tatus of soil		Previous crop		Sowing date		Harvest date	Seasonal rainfall (mm)	No. of rainy davs																		
	_	Se		Far situ (RI		Soi	Ν	Р	K	Pre		So		На	Sea rai	Ž Ž Ž																		
	Okra	Khar 202		Irrigated		ndy loam nd loam	Medium	Medium	Low	Wheat		11-15 ay. 202:		01-10 Sept. 2023	-	-																		
rforr	nance of Fl	D							Parameters	name	Re	sult of r	nain																					
C ***	Thema	tic		Technology		Voriety	No. of	Area				paramet		Check	(9/)	A ducente ac																		
Cro	P Area	l	I	Demonstrated	ł	Variety	Farmers	(ha.)				Demo. plot		Demo. plot		Demo. plot												-				Plot	(%)	Advantage
- 1	2			3		4	5	6	7		<u>Н</u> 8	L 9	A 10	11		12																		
Okı	Varia	arietal Promotion of Okra Kashi pragati 10 0.5 No. of picking per demo		o 9	6.6			.0	63.32																									

Dem	o. Yield q	/ha	Yield of local Check q./ha	Increase in yield (%)	Ec	conomics of demo	nstration (R	s./ha.)				omics of check (Rs./ha.)
н	L	А			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	3 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.	Crop	,		nematic	Tech	nology Dem	onstrated	Season	Area	(ha)			of farm ionstrat			Reasons for shortfall in	
N.	1			area		- 65		and year	Proposed	Actual	SC/	/ST	Others	Total		chievemen	
1	Radis	h			Promot		h variety RD-	Kharif 2023	0.5	0.5	0		10	10		-	
	Kauls	11	Eva	aluation		157		2025	0.3	0.5	0		10	10			
)eta	ils of farn	ning sit	tuati	ion	T				1		1				г	1	
	Crop	Season	Topa	Farming situation (RF/Irrig ated)		Soil type	St	atus of soil		Previous crop		Sowing date		Harvest date	Seasonal	(mm) (mm) No. of	ainy Iawe
	See done					Soi	Ν	Р	K	Pre		So		На	Se	N (L	<u>н</u>
	adish	Kha 202		Irrigated	Sandy loam and loam		Medium	Medium	Low	Wheat		05 Aug 2023		25-05 Oct. 2023	-	-	
forr	mance of F	LD							Parameters	name	Res	sult of r	nain				
Cro	on	matic		Technology		Variety	No. of	Area			р	aramet	er	Checl	‹	(%) Advant	ade
•	A	rea		Demonstrate	d	ranoty	Farmers	(ha.)				emo. p		Plot		(70) / 101 / 111	a ge
1		2		3		4	5	6	7		н 8	 9	A 10	11		12	
Rad	dish Va	rietal uation		motion of F iety RD-157	Radish	RD-157	10	0.5	No. of picking	g per demo	7	3.5			4.0	31.03	

Dem	io. Yield q	/ha	Yield of local Check q./ha	Increase in yield (%)	Ec	conomics of demo	nstration (R	s./ha.)	Economics of check (Rs./ha.)					
н	L	Α			Gross Cost	Gross Return	ss Return Net BCR Gross Gross Return Return (R/C) Cost 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)

Γ	S. N.	Feedback
ſ	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.	Cı	rop		ematic		Tech	nology Den	nonst	trated	Season	Are	a (ha)				f farm onstrat				ons for fall in
N.	_	- T	;	area			- 6,			and year	Proposed	l Actu	ıal	SC/S	. (Others	5 Tota	1		vement
1	Bri	njal		'arietal aluation	Pro	omotic	on of Brinjal Uttarr		iety- Kashi	Rabi 2023-24	1.0	1.()	02		13	15		-	
Detai	ils of fa	rming sit	tuati	ion	1				L.											
	Crop	Season		Farming situation	RF/Irrig ated)		Soil type		St	atus of soil		Previous	dor		date		Harvest date		Seasonal rainfall (mm)	No. of rainy days
		Š.	2	Fai	a (R		Soi		Ν	Р	K	Pre					Η		Sea rai	ZEO
Bı	rinjal	njal Rabi 2023-24 Irrigated		d	Sandy loam and loam		Medium		Medium	Low	Wheat		28 S 01 (20)	oct.				-	-	
rforn	nance c	of FLD									Parameter	s namo		Resu		ain			ı	
0	. Т	Thematic		Techn	ology		Veriety		No. of	Area	Faiameter	Shame			amete		Che	ck	(0/)	ducenteres
Cro	р	Area		Demon		I	Variety		Farmers	(ha.)				Der	no. plo	ot	Ple	ot	(%) F	dvantage
		•												H	<u>L</u>	A				10
1		2 Variatal	Dere	motion		rinial	4		5	6	7 No. of picki	ng per demo		8	9	10	1	1		12
Bri	n191	Varietal valuation		motion iety- Ka		5	Kashi Utta	am	15	1.0	No. of pick	ng per dellio								
	Demo. Y	íield q/ha		Yield of local	Increa in yie		Econom	nics o	f demonstrat	ion (Rs./ha.)				I		nics of				

Dem	o. Yield q	/ha	field of local Check q./ha	Increase in yield (%)	E	conomics of demo	onstration (R	s./ha.)	Economics of check (Rs./ha.)							
н	L	A			Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Net return BCR (R/C)						
13	14	15	16	17	18	19	20	21	22 23 24 25							

FLD - 11 Horticulture : Cauliflower

S.	Crop	Thematic	Technology Demonstrated	Season	Area (l	Area (ha)		of farmers. monstration	Reasons for shortfall in	
N.	F	area		and year	Proposed	Actual	SC/ST	Others	Total	achievement
1		Varietal	Promotion of Cauliflower variety-	Rabi						-
	Cauliflower	Evaluation	Pusa Snowball K-1	2023-24	1.0	1.0	-	15	15	

Details of farming situation

Crop	eason	urming tuation F/Irrig ated)	il type	S	tatus of soil		evious crop	owing date	arvest date	asonal infall mm)	No. of rainy days
	Ň	Fa sit (R)	So	Ν	Р	Κ	Pre	Š	H	Se: ra	Z z p
Cauliflower	Rabi 2023-24	Irrigated	Sandy loam and loam	Medium	Medium	Low	Wheat	05-08 Nov 2023		-	-

Performance of FLD

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

Dem	o. Yield q	/ha	Yield of local Check q./ha	Increase in yield (%)	E	conomics of demo	omics of check (Rs./ha.)					
н	L	А			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	21	22	23	24	25	

FLD – 12 Live stock production and management: Makkhan Grass

S.	Crop		natic area	Techr	ology	Season and	A	Area (h	na)		No. of fa	rmers/ De	emons	tration	Re	asons for s	shortfall
N.	CIO		nalic alea	Demon	strated	year	Propose	∋d	Actual	S	C/ST	Others		Total	i	in achievement	
1	Makkhn Grass	na	en Fodder oduction	for milch an	f green fodder mals through an grass			()1	09		10		-			
Detail	s of farn	ning situati	on		-												
Cro	ор	Season	Farming	F/Irrig ited)	Soil type	S	Status of soil			svious	crop	Sowing		Harvest	2002	Seasona I rainfall (mm)	No. of rainy days
		Š	Situ	ਸ਼ੁੱ _ਕ	So	Ν	Р		К	E E	0	ů,	,	Ë	,	Se Lra	Z - O
Makk Gra		Rabi 2023-24	Irrigate	d loar	andy n and pam	Medium	Medium		Low	Pado	ły	25-30 Oc 2023	ct.	-		-	-
Perfor	rmance	of FLD															
		Thematic	Tech	nology		No. of	Area	Pa	arameters n	ame		of main pa		er Che	ack		
Crop	о '	Area		nstrated	Variety	Farmers				н	Demo. plo	-	PI		(%) Adv	antage	
1		2		3	4	5	6 7			8	9	A 10		1	12	2	
Makki Gras	22	Green Fodder roduction	Fulfillment of for milch an makkhan gras	of green fodder imals through ss	Makkhn: Grass				(Green Fodder availability in Duration of Days)								

	Demo. Yield q/	/ha	Yield of local	Increase in yield	E	Economics of dem	onstration (Rs./h	ia.)		Economic (Rs.	s of check /ha.)	
н	L	А	Check q./ha	(%)	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	

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

Categor	Themat	Season	Technology	No. of	No. of Units/an	Major Pa (No. of a	rameters live calf)	% change in major parameters	N	lo. of farmers/ Demonstra	tion
У	ic area		Demonstrated	farmers	imal	Demo	Check		SC/ST	Others	Total
Buffalo calf	Dairy manage ment	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

Categor	Themat	Season	Technology Demonstrated	No. of farmers	No. of Units/an	Major Pa (Milk prod steri	uction and	% change in major parameters	N	lo. of farmers/ Demonstra	tion
y	ic area		Demonstrateu	Tar mer s	imal	Demo	Check		SC/ST	Others	Total
Buffalo	Dairy manage ment	Rabi 2023-24	Mineral mixture @ 50 gm per day per animal.	25	25	-	_	-	06	19	25

FLD – 15 Live stock production and management: H Hormone

Categor	Themat	Season	Technology Demonstrated	No. of	No. of Units/an	•	rameters Jdder and t)	% change in major parameters	Ν	lo. of farmers/ Demonstra	tion
У	ic area		Demonstrateu	farmers	imal	Demo	Check		SC/ST	Others	Total
Heifer	Dairy manage ment	Rabi 2023-24	H hormone- 40 days before cawing @ 10 ml per day	10	10	-	-	-	02	08	10

FLD - 16 Home science : Nutritional Garden (NARI)

S.	Сгор	Thematic area	Technology Demonstrated	Season and year	Area (h	na)	No. of fa	rmers/ Demo	nstration	Reasons for shortfall in
N.	Стор	Thematic area	recimology Demonstrated	Season and year	Proposed	Actual	SC/ST	Others	Total	achievement
1		Household food security	Nutritional garden							-
	Seasonal Vegetables	by kitchen/nutritional	(Pea, Spinach, Fenugreek, mustard, radish	Zaid 2023	1.0	1.0	0	10	10	
	9	garden	Carrot, coriander, turnip)							

Details of farming situation

Сгор	eason uation LF/Irri ated) il type		il type		Status of soil		evious	owing date	arvest date	asonal infall mm)	lo. of ainy lavs
	ž	Ea Sitra 99 (R	So	Ν	Р	K	Pr Dr	ŭ ,	Η̈́	Sec	
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	No. of Farmer	No. of Units	Yield	l (Kg)	% change in	Other	parameters	Ec	conomics of c (Rs.)		n		Economics (Rs./		
_		demonstrated			Demonst ration	Check	yield	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%	Availa bility: 80 Days	Availabilit y: 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.	Сгор	Thematic area	Technology Demonstrated	Season and year	Area (l	na)	No. of fai	rmers/ Demo	Reasons for shortfall in	
N.	Стор	Thematic area	Technology Demonstrated	Season and year	Proposed	Actual	SC/ST	Others	Total	achievement
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		2 Kg	360	600	240	1:1.6
T2-Soy milk	10	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.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (h	na)	No. of fa	Reasons for shortfall in		
N.		Thematic area	Technology Demonstrated	Season and year	Proposed	Actual	SC/ST	Others	Total	achievement
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

Сгор	eason	rming uation F/Irri ated)	il type		Status of soil			Sowing date	larvest date	asonal infall	o. of ainy lavs
	Ň	Far situ ga	So	Ν	Р	K	Pro	Sc	H	Sea rai (r	ds Ia
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	No. of Farmer	No. of Units	Yield	(Kg)	% change in	Other p	oarameters	Ε	conomics of ((Rs.		on		Economics (Rs./		
		demonstrated			Demonst ration	Check	yield	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Seasonal vegetables (Spinach,cab bage, coriander,to mato,beetroo t,brinjal,radis h,okra	Household food security by nutrition gardening	Nutritional Garden	15	15	420	345	21.7	Availa bility: 120 Days	Availabil ity: 75 Days	3420	10640	7220	1:2.1	3050	7300	425 0	1:1.3

S	5. 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)

	Сгор	Thematic area	Technology Demonstrated	Season and year	Area (h	ia)	No. of fa	Reasons for shortfall in		
N.	Crop	Thematic area	rechnology Demonstrated	Season and year	Proposed	Actual	SC/ST	Others	Total	achievement
1		Household food security	Nutritional garden							-
	Seasonal Vegetables	by kitchen/nutritional	(Pea, Spinach, Fenugreek, mustard,	Rabi 2023	1.0	1.0	0	20	20	
	0	garden	Carrot, coriander, beetroot, brinjal)							

Details of farming situation

Сгор	Season	rming uation F/Irri ated)	oil type		Status of soil		evious crop	owing date	arvest date	asonal infall	No. of rainy davs
		Far situ ga	So	Ν	Р	K	Pr	Š	H	Sea rai (n	
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	No. of Farmer	No. of Units	Yield	Yield (Kg)		% Other parameters change in		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
		demonstrated			Demonst ration	Check	yield	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,beetroor brinjal)	nutrition	Nutritional Garden	20	20													

FLD - 20 Plant Protection: Paddy

S.	Crop	Thematic area	Technology	Season and	Area (h	a)	No. of farmers/ Demonstration			Reasons for shortfall
N.	Crop		Demonstrated	year	Proposed	Actual	SC/ST	Others	Total	in achievement
1.	Paddy	IPM	Control of Gundhi bug through Acephate 50%+Imidacloprid 1.8% WG @ 1.0 kg./ha.		10.0	10.0	02	23	25	

Details of farming situation

Crop	cason	rming uation F/Irrig ted)	il type	S	tatus of soil		svious srop	owing date	arvest date	asonal infall	Vo. of rainy davs
	Ň	Far situ al	Soi	Ν	Р	K	Pre	SC	H	Seasc rainf	di ra
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

		T I I				Parameters name	Result	of main pa	arameter		
Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers				Demo. plo	ot	Check Plot	(%) Advantage
		Demonstrated		i annei s	(114.)		н	L	Α	FIOL	
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 o	q/ha	Yield of local	Increase in vield	I	Economics of dem	onstration (Rs./r	na.)			s of check /ha.)	
н	L	A	Check q./ha	(%)	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	Application of Acephate 50%+Imidacloprid 1.8% WG recommended and it
	50%+Imidacloprid 1.8% WG is latest technical. More studies should be	gives very good result against gundhi bug.
	focused on Integrated pest Management.	

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.	Crop	Thor	natic area	Techn	ology	Season and		Area (h	a)	No. of far	mers/ De	emonstra	ation		easons f hortfall		
N.	Стор	1 nei	liatic al ca	Demons	strated	year	Prop	osed	Actual	SC/ST	Othe	ers	Total		hievem		
1	Ridge Gourd	IPM		Management in ridge go Dimethoate 3 1500 ml per h	urd through 30% EC @	Kharif 2023	4.	0	4.0	00	10		10				
Details	of farmi	ing situat	ion														
Cro	op	Season		Farming situation (RF/Irri gated)	Soil type		Statu	s of soil		Previous crop	4	Sowing date	Harvest	date	Seasonal rainfall (mm)	No. of rainy davs	
		Se		ga (R) situ ga (R)	Soi	Ν		Р	K	Pre	Pre Cu G		Ha		Sea ra	Z Z Z	
												7-02-	12-05-				
Ridge	Gourd	IPM	Iı	rigated	Sandy loam and loam	Medium]	Medium Medium		Potato)23 То 3-04-	2023 to 26-09-			-	
-					and Ioann							3-04- 2023	20-09-				
Perfor	mance of	f FLD															
•	_		Tech	nology		No. of	Area	Par	ameters name	Result ((% F	of main pa ruit Infest	arameter ation)	Check	k			
Crop	Inema	atic Area		nstrated	Variety	Farmers	(ha.)				Demo. plo	ot	Plot		(%) Adv	antage	
										Н	L	Α					
1		2		3	4	5	6		7	8	9	10	11		12		
Sponge Gourd			in ridge g Dimethoat	ent of Fruit fly ourd through te 30% EC @ nl per ha.	PKM-1	10	04	04 % Fruit Infestati yiel				18.8 %	% 61.59				

	Demo. Yield q/ha		Yield of local					Economics of dem	Economics of check (Rs./ha.)				
н	L	А	Check q./ha	(%)	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	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	Two Application of Dimethoate 30% @ 1500 ml/ha is recommended as
	infestation. (Two Spray)	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

Сгор	Thematic area	D	chnology	Season	and	Area (h	a)	Γ	o. of far	mers/ Do	emonstration	Reasons for shortfall in
Sugarcane		Der	nonstrated	yea	r	Proposed	Actual	S	C/ST	Othe	ers Tota	
-	IDM	sugarcar	of red rot on throug erma viride @	h Zoid 2	2023	4.0	4.0	(00	10	10	-
f farming situat	ion											
ason	rming Lation ≂/Irrig ted)	I type	S	tatus of soil	I	evious trop		late	Irvest	late	asona ainfall mm)	No. of rainy days
Š	RI (RI a)	Soi	N	Р	К	Pre o	Ű	5 0	Ha	0	Se: L ra	Ž 2 D
Zaid 2023	Irrigated	loam and	Medium	Medium	Medium	Sugarcane	2023 08-0	3 То)4-	-		-	-
nce of FLD								-				
Thematic			Variety	No. of	Area	Parameters	name				Check	(%) Advantage
		u						Н	L	Α		
2	-		4	5	6	1		8	9	10	11	12
IDM			Co-0238	10	4.0			-	-	-	-	
•	Zaid 2023 nce of FLD Thematic Area 2	Zaid 2023 Irrigated nce of FLD Technology Demonstrate 2 3 IDM Control of red sugarcane Trichoderma viride	farming situation Image: structure Image: structure Image: structure Ima	farming situation farming situation Image: Second Secon	farming situation farming situation Image: Second of	farming situation farming situation indext relation i	farming situationServedDiscriptionDiscript	farming situation indext regression indext regression Status of soil indext regression index regression indext regression <td>farming situation Status of soil Status of soil Sold So</td> <td>farming situation Image: strate of solution Status of soil St</td> <td>farming situation Situation Status of soil <t< td=""><td>farming situation</td></t<></td>	farming situation Status of soil Status of soil Sold So	farming situation Image: strate of solution Status of soil St	farming situation Situation Status of soil Status of soil <t< td=""><td>farming situation</td></t<>	farming situation

	Demo. Yield	l q/ha	Yield of local	Increase in vield	E	conomics of dem	onstration (Rs./	ha.)		Econ	omics of che (Rs./ha.)	ck
н	L	Α	Check q./ha	(%)	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

FLD – 23 Plant Protection: Sugarcane

S.	Crore	Thomatic ana	Te	chnology	Season	and	Area (h	a)		No. of far	mers/ l	Demons	stration	Reasons for
N.	Crop	Thematic area	Den	nonstrated	year	r j	Proposed	Actua	1	SC/ST	Ot	hers	Total	— shortfall in achievement
1	Sugarcane	IPM	borer in	ment of TOF sugarcane crop pheramon trap.			10.0	10.0		00	25	i	25	-
Details	of farming situat	ion												
Crop	Season	Farming situation (RF/Irrig ated)	Soil type	SI	atus of soil		Previous crop		Sowing date	rvest	date	asona	l rainfall (mm)	No. of rainy days
	Se	RI Situ a	Sol	N	Р	К	Pre c		ů o	На	0	Se		ZED
Sugarca	ne Kharif 2023	Irrigated	Sandy Ioam and Ioam	Medium	Medium	Medium	Sugarcane	202 26	-02- 23 To -03- 023	-		-		-
Perform	ance of FLD	-			L L									
Crop	Thematic	Technology		Variety	No. of	Area	Parameters	name	Result	of main pa Demo. plo		C	heck	(%) Advantage
•	Area	Demonstrate	ea	-	Farmers	(ha.)			н	L	Α		Plot	
1	2	3		4	5	6	7		8	9	10		11	12
Sugarcane	e IPM	Control of red sugarcane Trichoderma viride kg/ha.	rot of through @ 5	Co-0238	10	4.0	% insect infe crop yie		-	-	-		-	
D	emo. Yield q/ha	Yield of			Economics	s of demonstra	ation (Rs./ha.)				Econ	omics of		

	Demo. Yield	l q/ha	Yield of local	Increase in vield	E	conomics of dem	onstration (Rs./	ha.)		Econ	omics of che (Rs./ha.)	ck
н	L	Α	Check q./ha	(%)	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
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Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

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* 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

						Parameters name (No. of branches, No.		t of mai	-	meter			Yield	(q/ha))	pr	Economics of	of demons	tration (F	ks./ha)		Economic (Rs	cs of checl s./ha)	k
	rrea	gy fted		ners		of tillers, No. of pods	I	Demo pl	ot		age		Demo			ı yie								
Сгор	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	or grains per plant, duration (days), No. of plants/sq mt.)	High	Low	Average	Che ck plot	% Advantage	High	Low	Average	Check	% Increase in yield	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Pigeonpea																								
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																								
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* 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

						Parameters name	Re	sult of m	ain paran	neter			Yield	d (q/ha)			Econ	omics of demo	nstration (Rs./	ha)		Economics (Rs./		
	5	strate		2		(No. of branches, No. of tillers, No.]	Demo plo	ot		9		Demo	•		ield								
Сгор	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	of pods or grains per plant, duration (days), No. of plants/sq mt.)	High	Low	Average	Check plot	% Advantage	High	Low	Average	Check	% Increase in yield	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals																								
Paddy	Weed Manage ment	Weed managemen t 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
	Promoti ng improve d 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
	Promoti ng improve d 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	35.2 6		63590	143685	80095	1:2.25	61623	109306	47683	1:1.77
	IPM	Control of Gundhi bug through Acephate 50% +Imidacl oprid 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	45.7 2	8.28	63600	114655	51655	1:1.80	62500	105156	42656	1:1.68
Waterlogge d Situation																								
Coarse Rice																								
Scented Rice																								
Wheat																								
Wheat Timely sown	ICM	High yielding wheat variety DBW 303	DBW 303	10	4.0																			
			DBW 187	08	3.2																			

				_			_		-								-	-	_			-		68
Wheat Late Sown																								
Mandua																								
Barley																	•					•		
Maize			•												•									
Amaranth					•						•		•									•		
											•		•									•		
Millets																								
Jowar						-																		
													•											
					•						•		•				•		•			•		
Bajra		-			•						•													
Barnyard millet					•						•													
millet																								
Finger millet																								
-																								
Vegetables											•											•		
Bottlegour					•						•		•									•		
d																								
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

			-	T		1		T	I		T	T	T	I	T				1	T				69
Petha																								
Tomato						•							•									•		
													•							•		•		
Frenchbea																						•		
n																								
													•									•		
Capsicum						•					•		•		•					•		•		•
•						•							•									•		
Chilli																								
						•							• •											
Brinjal	Varietal Evaluati on	Promotion of Brinjal variety- Kashi Uttam	Kashi Uttar	15	1.0	No. of picking per demo																		
Vegetable pea													•									•		
Softgourd						•							•									•		
bongouru						•							•									•	-	
													•							•		•		•
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						•					•		•									•		•

																								70
Cucumber																								
						•																		
						•																		
Onion						•							•							•				
Coriender																								
Lettuce						•																		
						•							•							•				
						•																		
Cabbage																								
Cauliflower		ъ.,				NT C																		
Caunnower	Varietal Evaluati on	Pusa	Pusa Snowball K 1	15	1.0	No. of picking per demo																		
		Snowball K-1																						
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						•																		

														-	71
Gladiolus		-				 			 	 	 		 		
Fruit crops								 •							
Mango						 	 		 	 	 				
		-		•		 	 	 •	 •·····	 					
						 		 •							
Strawberry										 					
		-								 					
Guava		1		•				•					ŀ		
								•							
Banana	 					 	 		 	 	 		 ļ		
Papaya						 		 	 	 					
т арауа		-			 	 		 	 	 	 				
					 	 	 	 •	 	 	 •	•			
Muskmelon															
								•							
Watermelon										 	•				
								•							
Spices & condiments		-						 	 	 	 				
Ginger	 	-				 	 	 	 	 			 		
	 					 	 	 •	 		 				
Garlic	 	-				 			 	 					
Galiit	 		-			 			 	 					
		-				 		 							
Turmeric		-			 		 	 	 	 					
						 	 	 •	 	 	 •	•			
						 						1			

																			72
																			1
ommercial rops																			
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 awaited				
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	•			
														•				 	
otato													 					 	 -
edicinal &																			
omatic plants entholment																			-
almegh																			
					•							 •	 				 		
	•				•		•				•	•	 				 	 	
shwagandha																	 		
odder Crops																			
orghum																			
F)																			 +
												•	 				 		
Cowpea (F)																		 	

																		13
Maize (F)																		
																		•
Lucern																		•
Berseem																72216	462 31	1:2.77
					•	•	•		 •				•		•			•
							•		 •						•			•
Makkhan Grass	Green Fodde r Produ	Fulfillmen t of green fodder for milch animals through makkhan	Makkhna Grass	10	1.25	(Green Fodder availability in Duration												
	ction	makkhan grass				of Days)		 										
								 	 •									
			l		<u> </u>]	L	 										

* 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)	in No., Availabi	ters (Alive calf lity of fodder in No. of Concive nals)	: :		animal) or ggs/bird)	Econon	nics of dem	onstration	(Rs.)]	Economics (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	_	-											

73

Buffalo Calf	Dairy management	Albendazole @ 0.5 ml for 1 kg body weight of calf	30	30	-	-						74
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

Thematic	Name of the	No. of	No.of	Major pa	arameters	% change	Other pa	rameter	Econ	omics of den	nonstration	(Rs.)				
area	demonstrated	Farmer	units	Demons ration	Check	parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
										•						
		Thematic technology	Thematic technology No. of	Thematic technology No. of No. of vunite	area demonstrated 100.01 No.01 Demons	area demonstrated No. of No. of No. of Demons Check	area demonstrated Farmer units Demons Check parameter	area demonstrated Farmer units Demons Check parameter Demons	area technology demonstrated Farmer units Demons Check parameter Demons Check	area demonstrated Farmer units Demons Check parameter Demons Check Gross	area demonstrated Farmer units Demons Check parameter Demons Check Gross Gross	area technology demonstrated Farmer units Demons Check parameter Demons Check Gross Gross Net	area demonstrated Farmer units Demons Check parameter Demons Check Gross Gross Net BCR	Thematic area Name of the technology demonstrated No. of Farmer No. of units Major parameters % change in major Other parameter Economics of demonstration (Ks.) Demons Chack Demons Chack Gross Net BCR Gross	Thematic area Name of the technology demonstrated No. of Farmer No. of units No. of Demons Major parameters % change in major Other parameter Economics of demonstration (RS.) (RS.)	area demonstrated framer units Demons Check parameter Demons Check barameter Demons Check barameter Demons Check barameter Demons Check BCR Gross Net BCR Gr

* 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 par	ameters	% change in major	Other p	arameter	Econo	mics of dem Rs./	onstration (unit	(Rs.) or			s of check Rs./unit	
				Demo	Check	parameter	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oyster Mushroom																
Button Mushroom																
Apiculture																
Maize Sheller																
Value Addition	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	Сгор	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed obse (output/ma		% change in major	Labo	or reduction	i (man days))	(Rs	Cost redu ./ha or Rs.		
						Demo	Check	parameter	Land preparation	Sowing	Weeding	Total	Land preparatio n	Labour	Irrigati on	Total

FLD on Other Enterprise: Kitchen Gardening (Nari Project Zaid 2023)

Category and Crop	Thematic area	Name of the technology	No. of Farmer	No. of Units	Yield	l (Kg)	% change in		parameters	Ec	onomics of d (Rs./		n		Economics (Rs./		
Crop		demonstrated	r ai mei	Units	Demons ration	Check	yield	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Seasonal vegetables	security by	Nutritional Garden	10	10	290	240	20.83%	Availa bility: 80 Days	Availabilit y: 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	No. of Farmer	No. of Units	Yield	(Kg)	% change in	1	parameters	E	conomics of (Rs	demonstrat ./ha)	ion		Economics (Rs.	s of check /ha)	
_		demonstrated			Demons ration	Check	yield	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Seasonal vegetables (Spinach,cab bage, coriander,to mato,beetroo t,brinjal,radis h,okra	Household food security by nutrition gardening	Nutritional Garden	15	15	420	345	21.7	Availa bility: 120 Days	Availabilit y: 75 Days	: 3470	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 technolog			Yield	(Kg)	% change in	Other p	arameters		Economic	cs of demonstratio (Rs./ha)	n			iics of check Rs./ha)	
		demonstra			Demons ration	Check	yield	Demo	Check	Gross Cost	Gros Retu		BCR (R/C)	Gross Cost	Gross Return		BCR (R/C)
Vegetables (Pea,Spinach, Fenugreek, mustard,Carrot, coriander,beetro ot, brinjal)	Household food security by nutrition gardening	Nutritiona Garden	¹ 20	20													
FLD on								Yield	l (q/ha)				Eco	onomics o	f demons	tration (Rs./h	a)
Demonstratio								Demo									
n details on crop hybrids (Details of Hybrid FLDs implemented during 2023) Crop	Technol demonsti		Hybrid Variety	No. Farn	Area (ha)		High	Low	Ave	erage	Check	% Increase in yield	Gross Cost		oss urn	Net Return	BCR (R/C)
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

				C	rop Details Unde	er Demonstra	ation					
NT 0 777 177		Ν	Natural farmin	ng				Farmer's Pra	ctice		Date of	Date of
Name of KVK	Name of Crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)	Name of crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)	Sowing	Harvesting
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

Nome of	Soil data of		Soil A	nalysis			Micron	utrients			Mic	crobial Analysi	S	
Name of KVK	Demonstrated/KVK Plot	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Organic Carbon (%age)	Ca (Kg/ha)	Mg (Kg/ha)	Zn (Kg/ha)	Others	Bacterial count (Nos.)	Fungi (Nos.)	Actinomycetes (Nos.)	Phosphorus Solubilizer (Nos.)	N Fixers (Nos.)
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

	Soil data of Soil Analysis					Micronutrients				Microbial Analysis				
Name of KVK	Demonstrated/KVK Plot	N (Kg/ha)	P (Kg/ha)	K (Kg/ha)	Organic Carbon (%age)	Ca (Kg/ha)	Mg (Kg/ha)	Zn (Kg/ha)	Others	Bacterial count (Nos.)	Fungi (Nos.)	Actinomycetes (Nos.)	Phosphorus Solubilizer (Nos.)	N Fixers (Nos.)
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

<u>S.No</u>	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

<u>S.No</u>	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	<u>Funds for</u> <u>conducting</u> <u>demonstration</u> <u>Rs.@ 0.03</u> <u>lakh demo Rs. In</u> <u>lakh</u>	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. &	Email-id
			Fax	
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	Actual Title of training conducted No. of Participants										
(May be specific to any	_	courses		Others			SC/ST			Grand Total	
given KVK)			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	Farm diversification and damnation of										
Technologies	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								ļ			
Integrated nutrient											
management											
Production of organic inputs											
Others (Plant Breeding)								ļ			
								ļ			
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	01	10		10	01			20		20
	through low poly tunnel house	01	19	-	19	01	-	01	20	-	20
Exotic vegetables											
Export potential vegetables											
Grading and standardization	L							<u> </u>			

Protective cultivation			T				T		T		84
Others (pl specify)	1.Production technology of cole crops	01	17	-	17	03	-	03	20	-	20
Stillers (pr speen y)	2 Production technology of solanaceaous		1,		1,				20		
	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	1.Control of fruit dropping in Mango										
plants/orchards	11 6 6	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)						•			1		
f) Spices									-		
Production and Management									1		
technology											

Processing and value					I						85
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											

											86
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		01		20	20					20	20
low/minimum cost diet	available materials	01	-	20	20	-	-	-	-	20	20
Designing and development for high nutrient efficiency											
diet											
Minimization of nutrient loss	1.Nutrient loss minimization techniques										
in processing	during cooking	01	_	20	20	_	_	_	_	20	20
Processing and cooking											
Gender mainstreaming											
through SHGs											
Storage loss minimization	1.Scientific method of grain storage										
techniques		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	01		17	17		00	0.9		25	25
	making. 3. Illiterate women skill training on Tie	01	-	17	17	-	08	08	-	25	25
	& dye.	01	_	25	25	_	_	_	_	25	25
Location specific drudgery	1.Effective drudgery tools for dairy	01	-	23	23	-		-	-	23	23
reduction technologies	women farmers	01	_	18	18	_	02	02	-	20	20
Rural Crafts		01			10						
Women and child care	1.Importance of breast feeding	01	_	12	12	-	08	08	-	20	20
Others(Small scale											
processing)	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											
und	.L		i		<u>i</u>		L	<u>i</u>	<u>i</u>		

											87
implements											07
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	1.Integrated disease management in										• •
Management	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)											
		04				14		14	00		00
Total VIII Fisheries		04	66	-	66	14	-	14	80	-	80
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	•					Í					

											88
Bio-fertilizer production											
Vermi-compost production											
Organic manures production											
Production of fry and									1		
fingerlings											
Production of Bee-colonies	Ĩ										
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									ļ		
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	Actual Title of training conducted	No. of					Participants				
(May be specific to any		courses		Others			SC/ST			Grand Total	
given KVK)			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	Nano urea A revolution in Agriculture	01	20	_	20		_		20		20
Technologies	Use of liquid nano urea in paddy crop	01	20 15	-	15	- 05	-	- 05	20	_	20
Cropping Systems		01	15		15	00		0.5	20		20
Crop Diversification	Diversification of crops & its importance	01	18	_	18	02	_	02	20	_	20
Integrated Farming	Farming system for marginal & small		10		10	02		02	20		20
integrated Farming	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	61	17		1.7	02			20		•
	Rabi season	01		-	17	03	-	03	20	-	20
	Importance & techniques of drip	01	20		20	0			20		20
$\mathbf{T}_{-4-1}(-)$	irrigation in vegetable production	01	20	-	20 55	0	-	-	20	-	20
Total (a)	<u> </u>	03	55	-	55	05	-	05	60	-	60

										90
b) Fruits										
Training and Pruning										
Layout and Management of										
Orchards										
Cultivation of Fruit	Production tech. of banana & papaya crop	01	20		20	0	- () 20	-	20
Management of young	Crop regulation in guava fruit crop									
plants/orchards		01	20	-	20	-		- 20	-	20
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of										
orchards					10	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~				•
Plant propagation techniques	Propagation techniques for fruit plants	01	19	-	19	01	- 0	1 20	-	20
Others (pl specify)						01				(0)
Total (b)		03	59	-	59	01	- 0	l 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	Cultivation of medicinal & aromatic									
technology	plants	01	19	-	19	01	- 0	1 20	-	20

											91
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	Advantage of natural farming in paddy										
inputs	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							_			_	00
and Management											
Dairy Management	1.Extarnal parasite in animal & their										
2 any management	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	1.Balance diet for milch animals	01	15	-	15	05	-	05	20	-	20
Management	2. Techniqe of Urea mixing in wheat								-		
6	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

											92
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	Poshak thali	01	-	20	20	-	-	-	-	20	20
for high nutrient efficiency diet	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											

											93
Small scale processing and											
value addition											
Post Harvest Technology											
Others (
Total											
VII Plant Protection											
Integrated Pest Management	1Management 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	1Management of yellow rust in wheat	01	19	-	19	01	_	01	20	-	20
Management	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											
VIII Fisheries Integrated fish farming											
VIII Fisheries											
VIII Fisheries Integrated fish farming Carp breeding and hatchery											
VIII Fisheries Integrated fish farming Carp breeding and hatchery management											
VIII Fisheries Integrated fish farming Carp breeding and hatchery management Carp fry and fingerling rearing Composite fish culture											
VIII Fisheries Integrated fish farming Carp breeding and hatchery management Carp fry and fingerling rearing Composite fish culture											
VIII Fisheries Integrated fish farming Carp breeding and hatchery management Carp fry and fingerling rearing Composite fish culture Hatchery management and											
VIII Fisheries Integrated fish farming Carp breeding and hatchery management Carp fry and fingerling rearing Composite fish culture											
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											
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											
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											
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											
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											
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											
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											
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											
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											
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)											
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											
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)											

	·····				•	·•····				·	94
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

Thematic area	Actual Title of training conducted	No. of Participants												
(May be specific to any	C C	courses		Others			SC/ST			Grand Total				
given KVK)			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	1. Production technique of wheat +menthe													
Technologies	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								İ						
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													
0 0	farmers	01	20	-	20	-	-	-	20	-	20			
Micro Irrigation/irrigation														
Seed production														
Nursery management														
Integrated Crop	1. Scientific production technique of Rabi oil													
Management	seed crops.	01	16	02	18	02	-	02	20	-	20			
6	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														
reason j reasoning														

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

											96
	1. Nursery raising of Vegetable crops through low poly tunnel house										
		01	19	-	19	01	-	01	20	-	20
Exotic vegetables											
Export potential vegetables									ļ		
Grading and standardization											
Protective cultivation		01	10		10						
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	01	10		10	01		0.1			•
	in Rabi season	01	19	-	19	01	-	01	20	-	20
	4.Production tech. of vegetable crop in Rabi	01	17		17	02		02	20		20
	season	01	17	-	17	03	-	03	20	-	20
	Importance & techniques of drip irrigation in	01	20		20	0		_	20		20
	vegetable production	01 06		-	20	0	-	- 10	20 120	-	
Total (a)		UO	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 20	- 0		- 0	20		20
	Control of fruit dropping in Mango	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		01	10	-	10	02	-	02	20	-	20
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	۵										
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		v.				~~		~~			

											97
Production and								Ι			
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								ļ			
Production and											
Management technology											
Processing and value addition											
Others (pl specify)											
Total (f)											
g) Medicinal and Aromatic											
Plants											
Nursery management											
Production and management	Cultivation of medicinal & aromatic plants							•			
technology	F	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								ļ			
Soil fertility management											
Integrated water	1.Use of water soluble fertilizers in wheat.	01	20	_	20	00	-	00	20	-	20
management	2. Foliar application of liquid namo urea in										
	wheat.	01	20	-	20	00	-	00	20	-	20
Integrated Nutrient											
Management											
Production and use of	1.Advantage of natural farming in paddy crop.	01	20		20	00		00	20		20
organic inputs		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		01	20	-	20	00	-	00	20	-	20
soils											
Micro nutrient deficiency in											
crops											+
r~						į		Ll			.1

	I										98
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							_	v			
Dairy Management	1.Problems in animal breeding and their										
2 any management	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	10	_	10	09	_	09	20	_	20
	4. Disadvantage of oxytocine hormone in	01	11		11				20		20
	milich animals	01	20	_	20	_	_	_	20	_	20
	5.Clean milk production	01	11		11	09	-	09	20		20
	6.Clean milk production	01	18		11	02	_	02	20	_	20
Poultry Management		01	10	-	10	02	-	02	20	-	20
Piggery Management											
Rabbit Management											
Animal Nutrition	1.Balance diet for milch animals	01	15	_	15	05		05	20		20
Management	2.Techniqe of Urea mixing in wheat	01	15	-	15	05		05	20	-	20
Management	straw/paddy straw for animal nutrition	01	0		0	11	09	20	11	09	20
Disease Management	1.Symptoms and prevention of foot & mouth	01	0	-		11	09	20	11	09	20
Disease Management	disease	01	19	_	19	01	_	01	20	_	20
	2. Mastitis in Milch animal cause and	01	19	-	19	01	-	01	20	-	20
	prevention.	01	15		15	05	_	05	20	_	20
	3- Identification and management of lampi skin	01	15	-	13	05	-	05	20	-	20
	disease in cattle.	01	19		19	01	_	01	20	_	20
Feed & fodder technology	Whole year green fodder production	01	19	-	19	01	-	01	20	-	20
		01	18	-	18	02	-	02	20	-	20
Others (pl specify)	Use of ghanjeeva amrit in paddy crop of	01	20		20	0	0	0	20		20
Total	natural farming	13	20	-	20	51	09	60	20 251	- 09	<u>20</u> 260
V Home Science/Women		15	200	-	200	51	09	OV	251	09	200
v Home Science/women empowerment											
Household food security by											
kitchen gardening and											
nutrition gardening and											
Design and development of	1.spices preparation from locally available										
low/minimum cost diet	materials	01	_	20	20	_				20	20
				20	20		-	-	-		-
Designing and development for high nutrient efficiency	1.Poshak thali2.Preparation of protein rich diet for	01	-	20	20	-	-	-	-	20	20
diet	malnourished children	01	-	-	-	-	20	20	-	20	20
Minimization of nutrient	1.Nutrient loss minimization techniques during										
loss in processing	cooking	01	-	20	20	-	-	-	-	20	20
Processing and cooking											
Gender mainstreaming											

											99
through SHGs											
Storage loss minimization	1.Scientific method of grain storage	01	-	13	13	-	07	07	-	20	20
techniques	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	1.Effective drudgery tools for dairy women										
reduction technologies	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							ļ				
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

											100
	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
	4Management 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	1.Integrated disease management in paddy	01	01			17		17	20		20
Management	crops	01	20	_	20	00	-	00	20	-	20
	2Management 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 Sheimp forming											
Shrimp farming Edible oyster farming											
Pearl culture											
Fish processing and value											-
addition											
Others (pl specify)											
Total											
IX Production of Inputs at											

											101
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	 								ŀ		
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	 		000	202	1100	4 80		A 40	10.51		1 105
GRAND TOTAL		71	890	302	1192	159	84	243	1051	384	1435

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

Thematic area	Actual Title of training	No. of		General	Ī	No. of	Participants SC/ST			Grand Total	
(May be specific to any given KVK)	conducted	Courses	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	Actual Title	No. of		General		No. a	of Participants SC/ST			Grand Total	
(May be specific to any given KVK)	of training conducted	Courses	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											

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		Image: sector	Image: sector	Image: series of the series	Image: series of the series	Image: series of the series	Image: series of the series

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

Thematic area	Actual Title of					No. 0	of Participants	······			
(May be specific to any given KVK)	training	No. of Courses		General	T		SC/ST			Grand Total	T
	conducted		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	Nursery raising of flowers &	01	8	-	8	2	-	2	10	-	10
	vegetable under protected structure										
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	<u> </u>				<u> </u>			<u>l</u> <u>l</u> .			<u></u>

											105
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)

	Actual Title of training conducted					N	o. of Partic	ipants			
				General			SC/ST			Grand To	tal
Thematic area (May be specific to any given KVK)		No. of Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops											
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old orchards											
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)

	Actual Title of training conducted	ted No. of Participants General SC/ST Grand Total									
				General	7		SC/ST		Gr	and Tota	1
Thematic area (May be specific to any given KVK)		No. of Courses	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

											107
	pheromone trap in paddy crop					Ī	I				Τ
	.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											.ļ
Women and Child care	.Prenatal care	01	-	-	-	-	20	20	-	20	20
Low cost and nutrient efficient diet designing											
Group Dynamics and farmers organization											ļ
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	.Techniques of Transplanting of fruit plants	01	09	-	09	01	-	01	10	-	10
science.	. 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		27	00	20	01			10		
	Сгор	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	9					~_			_ •		
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		01									
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

											10
	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

	Actual Title of training conducted	No. of Courses	No. of Participants								
	conducted		General			SC/ST			Grand Total		
Thematic area (May be specific to any given KVK)			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			•		1						
Fruit Plants											
Ornamental plants											
Spices crops			•								
Soil health and fertility management			•		•						
Production of Inputs at site			•				•				
Methods of protective cultivation			İ		1					İ	
Others (pl. specify)			•				•			1	
Total			•		1		•			1	
Post harvest technology and value addition											
Processing and value addition											
Others (pl. specify)											
Total											
Farm machinery			1								
Farm machinery, tools and implements			•							•	
Others (pl. specify)											
Total										1	
Livestock and fisheries			.								
Livestock production and management			•		•••		•				
Animal Nutrition Management											

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······			•	,				,		*	110
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

9 . 	Actual Title of training conducted		No. of Participants										
Thematic area	conducted	NT C	General		SC/ST			Grand Total					
(May be specific to any given KVK)		No. of Courses	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													

-		 	 	 	 	111
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						

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

	Message Type		Type of Messages									
Name of KVK		Сгор	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

Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
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
13			110000	60675	65
	Tomato Tomato Tomato Chilli Pumpkin Bottle Gourd Songe gourd Chilli Cauliflower Brinjal Cauliflower Cauliflower	Tomato Kashi Sandesh Tomato Ayaan Chilli Kashi Anmol Pumpkin Kashi Harit Bottle Gourd Kashi Ganga Songe gourd Kashi sherya Chilli - Cauliflower - Brinjal Kashi uttam Cauliflower Pusa snow ball K1 Cauliflower - Chilli Kashi Anmol Chilli Kashi Anmol Chilli Kashi Anmol Cauliflower Pusa snow ball K1 Cauliflower - Chilli Kashi Anmol Chilli Kashi Anmol <td>Tomato Kashi Sandesh - Tomato Ayaan - Chilli Kashi Anmol - Pumpkin Kashi Harit - Bottle Gourd Kashi Ganga - Songe gourd Kashi sherya - Chilli - HYveg-078 Cauliflower - Girjiya Brinjal Kasha uttam - Cauliflower Pusa snow ball K1 - Cauliflower Pusa snow ball K1 - Cauliflower Snow White - Chilli Kashi Anmol - Kashi Anmol - - Kashi Anmol -<!--</td--><td>TomatoKashi Sandesh-750TomatoAyaan-1000ChilliKashi Anmol-750PumpkinKashi Harit-400Bottle GourdKashi Ganga-600Songe gourdKashi sherya-1000Chilli-HYveg-0781500Cauliflower-Girjiya14000BrinjalKasha uttam-15000CauliflowerPusa snow ball K160000CauliflowerSnow White5700ChilliKashi Anmol10200</td><td>Tomato Kashi Sandesh - 750 750 Tomato Ayaan - 1000 500 Chilli Kashi Annol - 750 750 Pumpkin Kashi Harit - 400 400 Bottle Gourd Kashi Harit - 600 600 Songe gourd Kashi sherya - 1000 1000 Chilli - HYveg-078 1500 750 Cauliflower - Girjiya 14000 7000 Brinjal Kasha utam - 15000 15000 Cauliflower Pusa snow ball K1 60000 30000 Cauliflower Snow White 5700 1425 Chilli Kashi Anmol 10200 2550 Chilli Kashi Anmol Income Income Income Income Income Income Income Income Income Income Income Income Income Income </td></td>	Tomato Kashi Sandesh - Tomato Ayaan - Chilli Kashi Anmol - Pumpkin Kashi Harit - Bottle Gourd Kashi Ganga - Songe gourd Kashi sherya - Chilli - HYveg-078 Cauliflower - Girjiya Brinjal Kasha uttam - Cauliflower Pusa snow ball K1 - Cauliflower Pusa snow ball K1 - Cauliflower Snow White - Chilli Kashi Anmol - Kashi Anmol - - Kashi Anmol - </td <td>TomatoKashi Sandesh-750TomatoAyaan-1000ChilliKashi Anmol-750PumpkinKashi Harit-400Bottle GourdKashi Ganga-600Songe gourdKashi sherya-1000Chilli-HYveg-0781500Cauliflower-Girjiya14000BrinjalKasha uttam-15000CauliflowerPusa snow ball K160000CauliflowerSnow White5700ChilliKashi Anmol10200</td> <td>Tomato Kashi Sandesh - 750 750 Tomato Ayaan - 1000 500 Chilli Kashi Annol - 750 750 Pumpkin Kashi Harit - 400 400 Bottle Gourd Kashi Harit - 600 600 Songe gourd Kashi sherya - 1000 1000 Chilli - HYveg-078 1500 750 Cauliflower - Girjiya 14000 7000 Brinjal Kasha utam - 15000 15000 Cauliflower Pusa snow ball K1 60000 30000 Cauliflower Snow White 5700 1425 Chilli Kashi Anmol 10200 2550 Chilli Kashi Anmol Income Income Income Income Income Income Income Income Income Income Income Income Income Income </td>	TomatoKashi Sandesh-750TomatoAyaan-1000ChilliKashi Anmol-750PumpkinKashi Harit-400Bottle GourdKashi Ganga-600Songe gourdKashi sherya-1000Chilli-HYveg-0781500Cauliflower-Girjiya14000BrinjalKasha uttam-15000CauliflowerPusa snow ball K160000CauliflowerSnow White5700ChilliKashi Anmol10200	Tomato Kashi Sandesh - 750 750 Tomato Ayaan - 1000 500 Chilli Kashi Annol - 750 750 Pumpkin Kashi Harit - 400 400 Bottle Gourd Kashi Harit - 600 600 Songe gourd Kashi sherya - 1000 1000 Chilli - HYveg-078 1500 750 Cauliflower - Girjiya 14000 7000 Brinjal Kasha utam - 15000 15000 Cauliflower Pusa snow ball K1 60000 30000 Cauliflower Snow White 5700 1425 Chilli Kashi Anmol 10200 2550 Chilli Kashi Anmol Income Income Income Income Income Income Income Income Income Income Income Income Income Income

Production of Bio-Products

	Name of the bio-product	Quantity		
Bio Products		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

	Name of the breed	Number	Value (Rs.)	No. of Farmers
Particulars of Live stock				
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	Visit by officials				
			(No.)	(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 Coverage of Number Crops Quantity (qtl) of area (ha) farmers Total

Large scale adoption of resource conservation technologies

Crops/cultivars and gist of resource cons technologies introduced	ervation Area (ha)	Number of farmers
Total		

Awareness campaign

	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of
		farmers		farmers		farmers		farmers		farmers		farmers
	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.			Duration	No. of			No.	of Parti	cipants	5	
No.	SubSector*	bSector* QP Name *		Courses	SCs/STs		Others		Total		TOTAL
				Organized	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	No. of	Area	No. of				Result		
	procured	demo conducted	covered (ha)	farmers covered	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		
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		ı Farmer ining	Rural	Youths		ension onnel	Numb	er of farm	ers involved	in extension is (No.)	es (No.) of seed (q)		of Livestock (ber in lakh)	of fingerlings r in lakh)	of Soil, water, anures samples (umber)
No. of Trainings/De mos	No. of Farmers	No. of Trainings/De mos	No. of Women Farmers	No. of Trainings/De mos	No. of Youths	No. of Trainings/De mos	No. of Ext. Person	On- farm trials	Frontline demos	Mobile agro- advisory to farmers	Participants in activities (Production of seed (q) Production of Planting material (Number in	Production of material (Nu lakh)	Production of Livestock strains (Number in lakh)	Production of (Number	Testing of So plant, manur (Numl
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 Act	ivities	No. of farmers benefited					
	Demo Training		Demo	Training				

5) Achievements of SCSP KVKs

	rmer aining		en Farmer aining	Rura	l Youths	1	ension sonnel	Numbe	er of farmers	s involved	ii ities	ed (q)	Planting mber in	of itins ikh)	of ber in	water, res iber)
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	Participants extension activ (No.)	Production of se	Production of Pla material (Numb lakh)	Production Livestock stra (Number in la	Production (fingerlings (Num lakh)	Testing of Soil, v plant, manur samples (Num

6) Achievement under IFS KVKs

Sl. No.	Component Name	No. of	Area (ha)	Number o	f Activities	No. of farmers benefited	
		Components established		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	g programmes	Extension activities	
Es	No of stablished	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
Category Cereal	Maize			
	Rice			
	Wheat			
Millet	Finger millet			
	Pearlmillet			
	Sorghum			

Oilseed	Groundnut	12/
	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	Amount realized	No. of Soil Health Cards issued
			lakh	(Rs. in lakhs)	(lakhs)
Soil	0.00410	0.00410	0.0040	0.820	
Water	-	-	-	-	
Plant	-	-	-	-	
Manure	-	-	-	-	0.00410
Total					

9) Achievements under NICRA Project

NRI	М	Crop produc	tion	Live	estock & Fishe	ries	Capacity	Building	Extension A	ctivities
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	No. of rural	youth trained	No. of youth established units	
units established		organised	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		Tanget (ų)	(114)	<u>w</u>	(175, 675)	
	Green Gram						
	Pigeon pea						
Total (Kharif)							
Rabi	Chick pea						
	Field pea						

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

12) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of	No. of persons
		Programmes	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