Krishi Vigyan Kendra, Moradabad-I

ANNUAL PROGRESS REPORT (January to December 2022)

APR SUMMARY

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

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	26	520	-	520
Rural youths	06	60	-	60
Extension functionaries	10	100	-	100
Sponsored Training	-	-	-	-
Vocational Training	-	-	-	-
Total	42	680	-	680

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	25	10.00	-
Pulses	50	20.00	_
Cereals	50	20.00	-
Vegetables	-	-	
Other crops (S. Cane)	12	30.00	-
Hybrid crops	-	-	-
Total	137	80.00	_
Livestock & Fisheries	-	-	-
Other enterprises	-	-	-
Total	-	-	-
Grand Total	137	80.00	-

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	-	02	09
Livestock	-	-	-
Various enterprises	-	-	-
Total	-	02	09
Technology Refined	-	-	-
Crops	-	-	-
Livestock	-	-	-
Various enterprises	-	-	-
Total	-	-	-
Grand Total	-	02	09

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	615	8661
Other extension activities	53	53
Total	668	8714

5. Mobile Advisory Services

Mobile Advis	ory Services		1					
			Type of Messages					
Name of KVK	Message Type	Crop	Livestock	Weather	Marke- ting	Aware -ness	Other enterprise	Total
	Text only	33	-	05	02	10	-	50
	Voice only	24	05	12	02	07	-	50
	Voice & Text both	22	02	05	02	10	06	47
	Total Messages	79	07	22	06	27	06	147
	Total farmers Benefitted	2278	52	240	125	920	70	3615

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	620.30	-
Planting material (No.)	200	3000.00
Bio-Products (kg)	-	-
Livestock Production (No.)	-	-
Fishery production (No.)	-	-

7. Soil, water & plant Analysis

	Samples	No. of Beneficiaries	Value Rs.
Soil	90	90	18000.00
Water	-	-	-
Plant	-	-	-
Total	90	90	18000.00

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	
2	Conferences	
3	Meetings	14
4	Trainings for KVK officials	
5	Visits of KVK officials	05
6	Book published	
7	Training Manual	
8	Book chapters	
9	Research papers	02
10	Lead papers	
11	Seminar papers	
12	Extension folder	

13	Proceedings	
14	Award & recognition	
15	On going research projects	

KRISHI VIGYAN KENDRA, MORADABAD-I DETAIL REPORT OF APR-2022

(January to December 2022)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	moradabadkvk@gmail.com
Krishi Vigyan			
Kendra Rustam			
Nagar, Bilari,			
Moardabad - I (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 05th Sept., 2022)

SI. No.	Sanctioned post	Name of the incumbent	Designation	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	199600	14-10-2010	Permanent	OBC	9412809032	58	moradabadkvk@gmail.com
2	Subject Matter Specialist	Dr. Manoj Kumar	SMS/ Asst. Prof.	Animal Husbandry & Dairying	70800- 211500	101100	26-12-2008	Permanent	GEN	9369156642	52	
3	Subject Matter Specialist	Dr. Mohan Singh	SMS/ Asst. Prof.	Soil Science	70800- 211500	104100	25-06-2008	Permanent	OBC	9457802593	52	drmsinghkvk@ gmail.com
4	Subject Matter Specialist	Sh. Lalit Kumar	SMS	Agronomy	56100- 177500	56100	01-07-2022	-	OBC	9027033722	38	way2lalitsingh@gmail.com
5	Subject Matter Specialist	Dr. Vishvendra	SMS	Pl.Protection	56100- 177500	56100	01-07-2022	-	OBC	9634464030	31	vishvendrapanwar92@gmail.com
6	Subject Matter Specialist	Dr. Neha Singh	SMS	Home Science	56100- 177500	56100	13-07-2022	-	OBC	8290115598	30	neha8293@rediffmail.com
7	Subject Matter Specialist	Dr. Shiv Shankar Verma	SMS	Horticulture	56100- 177500	56100	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	55200	22-07-2008	Permanent	OBC	9759173168	54	
11	Accountant / Superintendent	Sri. Sanjay Kumar Sharma	OS/ Accountant	Accounts	47600- 151100	72100	18-09-2000	Permanent		9412650468	51	sksharmakvk@gmail.com
12	Stenographer	Sri. Ajay Tomar	Stenographer/ computer op.	-	29200- 92300	42800	30-07-2007	Permanent	GEN	8171960800	41	ajaytomarmbd@gmail.com
13	Driver	Sh. Amrish kumar Sharma	Driver		29200- 92300	46800	01.07.1998	Permanent	GEN	9997889985	48	
14	Driver	Vacant	-	-	-	-	-	-	-	-	-	-
15	Supporting staff	Vacant	-	-	-	-	-	-	-	-	-	-
16	Supporting staff	Sri Sarvesh Kumar	Attendant		21700- 69100	29300	27-02-2008	Permanent	OBC	9760866548	41	

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

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

1.7. Infrastructural Development:

A) Buildings

		Source		Stag				е			
S.	Name of	of		Э	Incomplete						
No.	building	funding	Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction			
1.	Administrative Building	ICAR		510				Completed			
2.	Farmers Hostel	ICAR		300				-do-			
3.	Staff Quarters (6)	ICAR		431				-do-			
4.	Demonstration Units (2)	ICAR		160				-do-			
5	Fencing	ICAR		2000 R/M				-do-			
6	Rain Water harvesting system	-	-	-	-	1	1	-			
7	Threshing floor	ICAR		300				-do-			
8	Farm godown	ICAR		60				-do-			
9	Irrigation channel	ICAR		1000 RM							

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.in lakh)	Total kms. Run	Present status
Tractor	2021	6.56	396 hours	Good condition
Bolero Jeep	2007	4.59	182784	Condemn
Motor cycle	2008	0.52	48347	Good condition

C) Equipments & AV aids

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

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

SI.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	15/11/2022	1.Dr S.K Sachan, Director and Chairman,SAC	i. y{; dk	lq>ko ds vuq:i
		2.Dr R.K Singh,Head/Secretary SAC	fu/kkZj.k	dk;Zokgh dh
		3.Dr. Satya Praksh, Professor & Head- Horticulture	HkkOd`OvuqOifjO	x;hA
		3.Dr. Satya Fraksti, Froiessoi & nead- norticulture	}kjk fu/kkZfjr	
		4. Dr. D.K Singh, Professor & Head- LPM	y{; ds vuqlkj fd;k tk;sA	
		5. Dr P.K Singh,Asso.Director Ext.	ii.ikS/k fodz; dk	m ku@d`f'k
		6. Shri N.L Gangwar, BSA, Moradabad	y{; 420000 ikS/k 1/2 iwjk fd;k	okfudh ,10,e0,10 dh
		7.Dr. Ajay Singh, DCO, Moradabad	tk;sA	fu;qfDr gksus
		8.Shri Deepak Mendhiratta, Member Farmer		ij y{; iwjk fd;k tk;sxkA
		9.Shri Rajpal Singh, Member Farner	i. izFke ifDr	lq>ko ds
		10.Smt. Rubal Todi, Member Farm woman	iznZ"ku	vuq:i dk;Zokgh dh x;hA
		11. Smt. Sarvesh, Member Farm woman	le;kuqlkj vk;ksftr djk;s	WII 22,1111
		12.Shri C L Yadav, DD Agriculture, Moradabad	tk;sA	m lm 2 d \ F / la
		13.Miss. Ritusha Tewari, DAO Moradabad	<pre>ii. iz{ks= ijh{k.k esa I;kt dh</pre>	m ku@d`f'k okfudh
		14.Dr.Manmohan Panday, Dy. CVO Moradabad	uohure iztkfr dk	,10,e0,10 dh
		15. Shri. Raj Kumar Gupta, CEO (Fisheries)	ewY;akdu fd;k tk;sA	fu;qfDr gksus ij y{; iwjk
		Moradabad	=1	fd;k tk;sxkA
		16. Shri. Yash Veer Singh, Field Manager, IFFCO	iii izFke ifDr iznZ"ku esa xktj	m ku@d`f ' k okfudh
		17.Dr Sukhdev Singh, Prof. (Agro-forestry)	dh uohure iztkfr	,10,e0,10 dh fu;qfDr gksus
		18.Dr HasanTanveer,SMS/Asst.Prof.(Pl.Breeding)	dk iznZ"ku vk;ksftr djk;k	ij y{; iwjk
		19.Dr Mohan Singh,SMS/Asst.Prof.(Soil Science)	tk;sA	fd;k tk;sxkA
		20. Dr. Ravindra Kumar Assoc.Director & OIC, KVK,	<pre>iv epku fof/k ls lCth mRiknu ij</pre>	m ku@d`f'k okfudh
		Th.	izf"k{k.k	,10,e0,10 dh fu;qfDr gksus
		21. Dr. Manoj Singh, SMS/Asst.Prof.(Animal	vk;ksftr djk;k tk;sA	ij y{; iwjk
		Science)	·	fd;k tk;sxkA
		22.Dr Hamveer Singh, FM	v.xUus dh Qly ds lkFk lCth o iq'i	m ku@d`f'k okfudh
		23.Dr Devendra Pal, FM KVK, Sambhal	mRiknu dh lgQlyh	,10,e0,10 dh
		24.Shri Munesh Kumar,Progressive Farmer.	[ksrh dk izf"k{k.k	fu;qfDr gksus ij y{; iwjk
		25.Smt. Gargi Rani,Chair Person,NRLM SelfHelp	vk;ksftr djk;k	fd;k tk;sxkA
		Group	tk;sA i. fo'k; oLrg	fo'k; oLrq
		26.Shri Ajay Tomar, Steno. KVK, Bilari	fo"ks'kK	fo"ks'kK
		27. Shri G.D Devrani, Accountant , KVK, Th.	¼i"kqikyu½ dh fu;qfDr gksus ij	¼i"kqikyu½ dh fu;qfDr gksus
		28. Shri Sanjay Sharma, Accountant , KVK, Bilari	cSd; kMZ iksYVªh	ij izf"k{k.k
		29.Shri Chitraraj Singh, Progressive Farmer	<pre>dk izf"k{k.k vk;ksftr djk;k</pre>	vk;ksftr djk;k tk;sxkA
			tk;sA	

30.Shri Karan Singh, Progressive Farmer	i. d`f'k foKku dsUnz dks thi miyC/k djk;h tk;sA	vkj0ds0oh0okbZ0 ds vUrZxr izLrko "kklu dks izsf'kr fd;k x;k Fkk] fdUrq Lohd`fr izkIr ugh gq;hA
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2. DETAILS OF DISTRICT (31st December, 2021)

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

,		
S. No	Farming system/enterprise	
1.	Major crops - Paddy, Wheat, Mustard, Sugarcane, Mentha, 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	Characteristics
1.	Western Plain Zone	The Zone is fertile region with sand and clayey soil and receives 700-1000 mm annual rainfall.

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Clay loam	The soil particles of	81930
		clay are very small.	
2	Sandy soil	This soil is light,	25537
		warm, dry and tend	
		to be acid & low in	
		nutrient.	
3	Sandy loam	Sandy loam soil	84518
		have visible particles	
		of send mixed in to	
		the soil. Sandy loam	
		soils have a high	
		concentration of	
		sand that gives them	
		a gritty feel.	
4	Loam soil	Loam soil	126433
		generally contain	
		more nutrients,	
		moisture and humus	
		than sandy soil,	
		have better drainage	
		in infiltration of water	
		and air.	

	I
Total	317919

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

S. No	Crop	Area (ha)	Production (QtI)	Productivity (Qtl /ha)
	Wheat	125107	471153	37-66
1.				½2020&21½
	Lentil	527	580	11-00
2.				½2020&21½
	Mustard /Toria	2469	3217	13-03
3.				¹ 42020&21 ¹ 2
4.	Paddy (Rice)	93852	271232	28-90
5.	Bajra	2938	5538	18-85
6.	Urd	4211	5003	11-88
	_	76557	5937761	775-36
7.	Sugarcane			½2020&21½

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2.5. Weather data

Month	Rainfall (mm) Year 2021	Te	emperature ⁰ C	Relative Humidity (%)
		Maximum	Minimum	
Jan	64.0	-	-	-
Feb	28.0	-	-	-
March	21.0	-	-	-
April	10.02	-	-	-
May	10.5	-	-	-
June	14.3	-	-	-
July	3.7	-	-	-
Aug	686.6	-	-	-
Sept.	229.8	-	-	-
Oct.	-	-	-	-
Nov.	-	-	-	-
Dec.	-	-	-	-
Total rainfall	1067.92	-	-	-
Average rainfall	88.99	-	-	-

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 8 December, 2021)

SI.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Fattepur Natha	Bilari	Fattepur Natha	Paddy, Wheat, Sugarcane ,Mentha, Mustard, Dairy	Low Productivity of paddy, wheat, mustard, urd etc. Less strengthing of SHGs	Diversification in agriculture IPM,INM & IDM in rice-wheat cropping. Promotion of new released varieties, income generating crops & Bee-keeping. Strengthing of SHGs.
2	Sihari Ladda	Bilari	Sihari Ladda	Paddy, Wheat, Sugarcane Mentha, Mustard, Poplar, Dairy	Low Productivity of paddy, wheat, mustard, urd etc.	Diversification in agriculture IPM,INM & IDM in rice-wheat cropping. Promotion of new released varieties, income generating crops & Bee-keeping. Strengthing of SHGs.
3	Ronda	Mundha pande	Ronda	Paddy, Wheat, Sugarcane ,Mentha, Mustard, Dairy, Chilli, bottle guard, colocacia	Poor milk production and infertility in animals. Lack of knowledge of quality planting material and production technology in horticultural crops. Low yield of paddy, wheat, mentha & mustard	Diversification in Agriculture. Use of improved variety and IPM, ICM. Heavy infestation of weeds.

4	Bacchal	Kundarki	Bacchal	Paddy, Wheat, Sugarcane ,Mentha, Mustard, Dairy, Chilli, bottle guard, colocacia	Poor milk production and infertility in animals. Lack of knowledge of quality planting material and production technology in horticultural crops. Low yield of paddy, wheat, mentha & mustard.	Diversification in agriculture IPM,INM & IDM in rice-wheat cropping. Promotion of new released varieties, income generating crops & Bee-keeping. Strengthing of SHGs.
5	Sonakpur	Kundarki	Sonakpur	Paddy, Wheat, Sugarcane ,Mentha, Mustard, Dairy, Chilli, bottle guard, colocacia	Poor milk production and infertility in animals. Lack of knowledge of quality planting material and production technology in horticultural crops. Low yield of paddy, wheat, mentha & mustard	Diversification in agriculture IPM,INM & IDM in rice-wheat cropping. Promotion of new released varieties, income generating crops & Bee-keeping. Strengthing of SHGs.
6	Manoharpur	Moradabad	Manoharpur	Paddy, Wheat, Mustard, Dairy, vegetables	Low Productivity of paddy, wheat, mustard, urd etc. Poor milk production and infertility in animals.	Diversification in agriculture IPM,INM & IDM in rice-wheat cropping. Promotion of new released varieties, income generating crops & Bee-keeping. Strengthing of SHGs. Promotion of vegetable crops

2.8 Priority/thrust areas

S	Crop/ Enterprise	Thrust area
N		
	Rice/Wheat	Integrated plant nutrient management in rice -wheat cropping.
	Rice/Wheat	Integrated weed management in rice -wheat cropping
	Pulses	Enhancing the area under Kharif & Rabi pulses
	Oil seeds	Enhancing the area under Kharif & Rabi oil seeds.
	Cereals/Pulses/	IDM in gropp
	Oil seeds	IPM in crops
	Cereals/Pulses/	Promotion of new released varieties.
	Oil seeds	Fromotion of new released varieties.
	Seed production	Promotion of seed production in different crops.
	Mango	Rejuvenation of old mango orchards
	Guava	Management of Guava orchards.
	Vegetables	Promotion of organic farming in vegetables.
	Floriculture	Promotion of income generating crops.
	Bee-keeping	Popularization of Bee-keeping
	Vermi compost	Popularization of Vermi composting

2.9 Intervention/ Programmes for the doubling the farmers income –(Jan 2021-Dec. 2021)

Demonstrations

Before Interventions Intercropping	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent Yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
System(Kharif-Rabi-Zaid) -Livestock etc.							
Sugarcane alone	-	-	-	-	-	-	-
Wheat	52.05	-		51500.00	44272.00	1:1.86	-

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Intercropping							
System(Kharif-							
Rabi-Zaid) -							
Livestock etc.							
Sugarcane +Mustard	-	12.5	-	24350.00	44400.00	1:2.82	-
Wheat+Mentha	Wheat – 40	Mentha – 90kg		50500+32000=82500.00	26500+60000=86500.00	1:2.56	-
		oil/ha.					

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Mono Cropping System(Kharif-Rabi- Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Mono Cropping System(Kharif-Rabi- Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Relay Cropping System(Kharif-Rabi- Zaid) -Livestock etc.							
				_			

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Relay Cropping System(Kharif-Rabi- Zaid)-Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Mixed Farming System(Kharif-Rabi- Zaid)-Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
Mixed Farming System(Kharif-Rabi- Zaid) -Livestock etc.							

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

Before Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
IFS System(Kharif- Rabi-Zaid) - Livestock etc.							
		_					_

Discussion: Irrigation, Fertilizers, Labour, Land Preparation, Seed, Plant protection (Weed, Pest, disease) *

After Interventions	Main crop Yield(q/ha)	Inter crop Yield(q/ha)	Equivalent yield(q/ha)	Cost of cultivation(Rs/ha)*	Net income(Rs/ha)	B.C: Ratio	Remark if any
IFS System(Kharif- Rabi-Zaid) - Livestock etc.							

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

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2022

OFT (Te	chnology Asses	ssment an	d Refinement)	FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)				
Number of OFTs Total no. of Trials			Area in ha Number of Farmers					
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement	
12	04	62	20	54.4	18.0	159	60	
				30.0	20.0	75	50 (CFLD)	

	Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
Number of Courses Number of Participants					Numb activ		Number of participants		
Clientele	Targets	Achievem ent	Targets	Achieve ment	Target Achie s veme nt		Targets	Achievem ent	
Farmers	91	26	1820	520	438	668	4000	8714	
Rural youth	13	06	130	60					
Extn. Functionarie s	33	10	330	100					

	Seed Production	(Qtl.)	Planting material (Nos.)				
	5			6			
Target	Achievement	Distributed to no. of farmers	Target	Achievement Distributed to no. of farmers			
200	620.30	-	20000	200	04		

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various Crops by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management	Paddy	Assessment of different doses of fertilizers on the soil test basis. 122:65:52::20 N:P:K: Zn:FeSO ₄ Kg/ha.	01	05
	Wheat	Assessment of nutrients (nano urea) in wheat crop.	01	05
Varietal Evaluation	Paddy	Evaluation of improved variety of Paddy (PR-126)	01	05
	Wheat	Evaluation of improved variety of wheat under late sown condition.(DBW-90)	01	05
	Onion	Assessment of Onion variety (NHRDF Red)	01	03
Integrated Pest Management	Paddy	Management of stem borer in paddy crop	01	04
Integrated Crop Management				
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)	Sugarcane	Management of intercropping of mustard in Sugarcane crop.	01	05
Total			07	32

Summary of technologies assessed under livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers			
Disease Management	Cattle	Evaluation of clinical and non- clinical treatment for post-calving anoestrous in buffaloes	01	10			
Evaluation of Breeds							
Feed and Fodder management							
Nutrition Management							
Production and Management							
Others (Pl. specify)							
Total	Total						

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
	Tomato	Value addition of tomato	01	05
	Jaggery	Value addition of Jaggery	01	05
			02	10

I.B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops by KVKs

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

Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total				

Summary of technologies refined under various livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology refined	No. of trials	No. of farmers
Disease Management				
Evaluation of Breeds				
Feed and Fodder management				
Nutrition Management				
Production and Management				
Others (Pl. specify)				
Total				

Summary of technologies refined under various enterprises by KVKs

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

OFT – 1 Crop Production

VARIETAL EVALUATION (Kharif 2022)

Problem definition	Low yield of paddy due to use of old variety.
Technology assessed	Evaluation of improved variety of Paddy
or refined	
No. of Farmers	05

Table : Performance of Paddy.

Technology Option	No.of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T ₁ – Farmers practice					
PD - 24	05	46.12	-	32356	1:1.52
T ₂ -PR-126		52.40	11.79	44396	1:1.71

Recommendation	The data showed in table that T_2 (<i>PR-126</i>) is more suitable in relation to yield as compared to T_1 . KVK recommend to the farmers of Moradabad area to use PR-126.
Farmers reactions	Use of PR-126 variety is good.
Date of Sowing &	15-17 June., 2022 & 10-15 Oct, 2022.
harvesting	

Sale Rate- 2040/q

OFT – 2 Crop Production

INTEGRATED CROP MANAGEMENT IN SUGARCANE (Autumn 2022-23)

Problem definition	Low yield due to sole crop of Sugarcane as compared to Intercrop.
Technology assessed	Assessment of yield of intercrop with autumn sugarcane
or refined	
No. of Farmers	05

KVK, Moradabad conducted on-farm trials on intercropping mustard with autumn sugarcane.

Table : Performance of Sugarcane (Co-0238) in relation to Integrated crop management.

Technology Option	No.of trials	Yield of Intercrop (q/ha.)	Cane Yield (q/ha.)	Yield of Intercrop+Cane (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T ₁ – Farmers practice (Sole		_	715	715			
Crop)	05						
T ₂ - Sugarcane + Mustard (Giriraj)		17	708	725			

Recommendation	
Farmers reactions	
Date of Sowing &	
harvesting	

MSP - Rs. /q.

OFT – 3 Horticulture

VARIETAL EVAULATION (Rabi₁3022-23)

Problem definition	Low yield of Onion due to old varieties
Technology assessed	Assessment of Onion varieties (NHRDF Red)
or refined	
No. of Farmers	03

Table : Performance of wheat.

Technology Option	No.of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T ₁ – Farmers practice					
N - 53	03				
T ₂ – NHRDF Red					

Recommendation	
Farmers reactions	
Date of planting &	20-22 Dec. 2022
harvesting	15-20 March, 2023

OFT - 4 Soil Science

INTEGRATED NUTRIENT MANAGEMENT (Kharif 2022)

Problem definition	Low yield of paddy due to imbalance use of fertilizers.
Technology assessed	Assessment of nutrient in paddy crop on the basis of soil testing
or refined	
No. of Farmers	05

Table: Performance of paddy.

Technology Option	No.of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T₁ – Farmers practice					
120:60:40 N:P:K Kg/ha.	05	42.92	-	73586	1:2.57
(PB - 1509)	03				
T ₂ – Soil test bases 124:62:49:25:20 N:P:K: Zn FeSo4 Kg/ha.		49.45	15.21	90780	1:2.90

Recommendation	
Farmers reactions	
Date of Sowing &	15-18 July. 2022 & 25-30 Oct. 2022
harvesting	

Sale Rate- 2800/q

OFT - 5 Soil Science

INTEGRATED NUTRIENT MANAGEMENT (Rabi 2022-23)

Problem definition	Low yield of wheat due to imbalance use of fertilizers.
Technology assessed	Assessment of different doses of fertilizers on the soil test basis.
or refined	
No. of Farmers	05

Table : Performance of wheat.

Technology Option	No.of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T ₁ – Farmers practice					
150:75:40:0 N:P:K & Zn Kg/ha.	05	42.25		49443	1:2.38
(HD - 2967)					
T ₂ - 153:61:52:25. N:P:K & Zn Kg/ha		49.35	16.80	61950	1:2.65

Recommendation	The data given in table shows that T _{2 (Use of Phosphorus} & MOP 153:61:52:25 N:P:K & Zn 25 Kg/ha) is found best for proper nutrient. This treatment is able to increase the crop production in comparison to T ₁ .
Farmers reactions	Application of Phosphorus & MOP 153:61:52:25 N:P:K & Zn 25 Kg/ha is very effective to enhancing in wheat yield.
Date of Sowing &	18-21 Nov. 2021
harvesting	12-18 April, 2022

OFT - 6 LPM

Live stock enterprises (Rabi 2022-23)

Problem definition	Repeat Breeding in Milch animals
Technology	Evaluation of clinical and non- clinical treatment for post-calving anoestrous in
assessed or	Milch animals.
refined	
No. of Farmers	05

Table : Performance of wheat.

Technology Option	No.of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T ₁ – Farmers practice					
(Salt & Wheat brawn)	10	42.25		49443	1:2.38
T ₂ – Gonadotrophic harmone (GnRh) @ 2.5 ml to 5.0 ml (2 Hours before A I)		49.35	16.80	61950	1:2.65

Recommendation	The data given in table shows that T _{2 (Use of Phosphorus} & MOP 153:61:52:25 N:P:K & Zn 25 Kg/ha) is found best for proper nutrient. This treatment is able to
	increase the crop production in comparison to T_1 .
Farmers	Application of Phosphorus & MOP 153:61:52:25 N:P:K &
reactions	Zn 25 Kg/ha is very effective to enhancing in wheat yield.
Date of Sowing &	18-21 Nov. 2021
harvesting	12-18 April, 2022

OFT - 7 Plant Protection

INTEGRATED PEST MANAGEMENT (Kharif 2022)

Problem definition	Low yield of paddy due to heavy infestation of yellow stem borer.
Technology assessed or	Management of yellow stem borer in paddy crop.
refined	
No. of Farmers	04

Table : Performance of paddy:

Technology Option	No.of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T ₁ :Farmers practice (use of					
Fipronil0.3G @ 20kg/ha	04	38.10	-	52552	1:1.85
T ₂ : Use of Chlorantraniliprole 0.4%G					
(10kg/ha).		44.90	15.14	72270	1:2.15

Recommendation	
Farmers reactions	
Date of transplanting	29-31 July. 2022, & 15-23 Oct.2022
& harvesting	

Sale Rate 3000/q

OFT - 8 Home Science

VALUE ADDITION (Kharif 2022)

Problem definition	
Technology assessed or	
refined	
No. of Farmers	04

Table : Performance of paddy:

Technology Option	No.of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T ₁ :Farmers practice (use of					
Fipronil0.3G @ 20kg/ha	04	38.10	-	52552	1:1.85
T ₂ : Use of Chlorantraniliprole 0.4%G					
(10kg/ha).		44.90	15.14	72270	1:2.15

Recommendation	
F	
Farmers reactions	
Date of transplanting	29-31 July. 2022, & 15-23 Oct.2022
& harvesting	

Sale Rate 3000/q

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2021 and recommended for large scale adoption in the district.

S N	Crop/ Enterprise	Thematic area	Technology Demonstrated	Details of popularization methods suggested to the Extension system		zontal spr technolog	
					No. of villag es	No. of farmer	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 manageme nt	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	
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b. Details of FLDs implemented during 2022

FLD - 1 Urdbean (Kharif 2022)

26

S.	N. Crop area Techn		Technology Demonstrated	Season and	Area (I	na)		. of farmers monstration		Reasons for shortfall in
N.			Toolinology Domonociaco	year	Proposed	Actual	SC/ST	Others	Total	achievement
1	Urdbean	- ICM	 ICM through improved seed@15kg/ha Sulphour@30kg/ha Imidaclorpid@1lit/ha Rizobium culture@200gm/10kg seed Imazathyper 10 EC @ 625 ml/ha. 	Kharif 2022	20.0	20.0	12	38	50	N.A.

Details of farming situation

Crop	arming arming truation (F/Irriga ted) oil type		evious	owing date	arvest	easonal ainfall (mm)	No. of rainy days				
	Š	Far situ (RF	တိ	N	Р	K	P	й °	i ii	Ses re	2 5 0
Urdbean	Kharif 2022	Irrigated	Loam	Medium	Low	Medium	Wheat	20 July., 2022 to 28 July.,2022		-	-

Performance of FLD

	Thematic Technology Variety No. of		No. of	Area	Demo. Yield q/ha		Yield of local	Increase in	Econ	omics of d (Rs./l		tion	Economics of check (Rs./ha.)					
Crop	Area	Demonstrated	Variety	Farmers	(ha.)	Н	L	Α	Check q./ha	yield (%)	Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Urdbean	- ICM	ICM through improved seed	PU-31 Mukundra Urd-2	40 10	16 04													

Result Awaited

FLD - 2 Sesame (Kharif 2022)

26

S.	Crop	Thematic	Technology Demonstrated	Season and	Area (l	ha)		. of farmers monstratio	Reasons for shortfall	
N.	G. 5p	alea		year	Proposed	Actual	SC/ST	Others	Total	in achievement
1	Sesame	- ICM	 - ICM through improved seed@ 5kg/ha - Sulphour@30kg/ha - Imidaclorpid@0.5lit/ha - Hand Weeding 	Kharif 2022	10.0	10.0	04	21	25	N.A.

Details of farming situation

Crop	ason	rming uation F/Irrig ted)	il type	Si	tatus of so	il	evious	owing	arvest	asona ainfall mm)	No. of rainy days
	Š	Far situ (RF	Soil	N	Р	K	P) S	<u> </u>	Se Ira	Z = 0
Sesame	Kharif 2022	Irrigated	Loam	Medium	Low	Medium	Wheat	3 August., 2022 to 8 August.,2022		-	-

Performance of FLD

	Thematic			No. of Farmers	Area (ha.)	Demo. Yield q/ha		Yield of local Incre	Increase in	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)				
Crop	Area	Technology Demonstrated	Variety			Н	L	Α	Check q./ha	yield (%)	Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Sesame	- ICM	- ICM through improved seed@ 5kg/ha Sulphour@30kg/ha-Imidaclorpid@0.5 lit/ha - Hand Weeding	GJT-5	25	10													

Result Awaited

FLD - 3 Mustard (Rabi 2021-22)

S.	Crop	Thematic	Technology Demonstrated	Season and	Area (l	na)		. of farmers monstratio		Reasons for shortfall
N.	0.00	area	Tooming Johnson and	year	Proposed	Actual	SC/ST	Others	Total	in achievement
1	Mustard	- ICM	- ICM through improved seed	Rabi 2021- 22	10.0	10.0	02	23	25	N.A.

Details of farming situation

Crop	ason	rming Jation F/Irrig ted)	il type	S	tatus of so	il	evious	owing date	urvest date	asona ainfall mm)	No. of rainy days
	တ္တိ	Fa situ R	So	N	Р	K	P. S.) S		S –	2 5 0
Mustard	Rabi 2021-22	Irrigate d	Loam	Medium	Low	Medium	Paddy/Bajra	11-13 Oct. 2021	25-28 march 2022	-	-

Performance of FLD

	Thematic	Technology		No. of	Area	Demo	o. Yield	d q/ha	Yield of local	Increase in	Econom	nics of demor	nstration (R	s./ha.)		Economics (Rs./h		
Crop	Area	Demonstrated	Variety	Farmers	(ha.)	н	L	Α	Check q./ha	yield (%)	Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Mustard	- ICM	ICM through improved seed	R H -749	25	10.0	18.91	16.39	18.17	14.85	22.35	24413	109020	85607	4.65	21520	89100	67580	4.14

Sale rate – Rs. 6000.00 per quintal

a. Technical feedback

1	RH - 749 is a bold seeded & high yielding variety with good oil content 39%.
2	Grain yield has been increased due to timely sowing & no incidence of Aphids.

b. Farmers reaction on specific technologies

Ī	S. N.	Feedback
	1	Farmers are agree to mustard variety RH - 749 is good & high yielding variety.
	2	Farmers are convinced to no incidence of aphids due to timely sowing.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organized	No. of participants	Remarks
1	Farmers Training	03	60	
2.	Field day	01	39	
3.	Media coverage	01	mass	

Front Line Demonstration on other than oil seeds & pulses

FLD - 1

Crop Production: Paddy

S.	Crop	Thematic	Technology Demonstrated	Season and	Area (h	na)		of farmers		Reasons for shortfall
N.	2.54	area		year	Proposed	Actual	SC/ST	Others	Total	in achievement
1	Paddy	IWM	Weed management in Paddy through Bispyribac sodium 10% @ 200 ml /ha	Kharif, 2022	6.0	6.0	04	11	15	

Details of farming situation

	<u> </u>										
Crop	ason	rming Lation F/Irrig ted)	il type	S	tatus of soil		evious crop	wing	arvest date	easona rainfall (mm)	No. of rainy days
	Se	Fai sitt (RF	Soi	N	Р	K	Pre C	တို တို	На	Sea I rai (m	ŽĽO
Paddy	Kharif 2022	Irrigated	Sandy Ioam and Ioam	Medium	Medium	Medium	Paddy	07-07-2022 To 15-07- 2022		-	-

Performance of FLD

Crop	Thematic	Technology		No. of	Area			o. Yield _I /ha	Yield of	Increase	Econ	omics of c		ation		Econom (R	ics of c s./ha.)	heck
Сюр	Area	Demonstrated	Variety	Farmers	(ha.)	н	L	Α	local Check q./ha	in yield (%)	Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Paddy	IWM	Weed management in Paddy through Bispyribac sodium 10% @ 200 ml /ha	PB 1509	15														

Result Awaited

FLD - 2 Soil Science: Paddy

S.	Crop	Thematic	Technology Demonstrated	Season and	Area (l	na)		of farmers monstratio		Reasons for shortfall
N.	0.56	area		year	Proposed	Actual	SC/ST	Others	Total	in achievement
1	Paddy	INM	Use of water soluble fertilizers in Paddy crop	Kharif, 2022	6.0	6.0	01	14	15	

Details of farming situation

Crop	ason	rming Lation F/Irrig ted)	il type	S	tatus of soil		evious crop	owing date	arvesit date	easona rainfall (mm)	No. of rainy days
	Š	Fa Sitt (RI	Soi	N	Р	K	Pre	S O	На ф	S –	N E B
Paddy	Kharif 2022	Irrigated	Sandy Ioam and Ioam	Medium	Medium	Medium	Wheat	08-10- July 2022		-	-

Performance of FLD

					Are	Demo	. Yield	q/ha	Yield of		Ecoi	nomics of d Rs./l		ion			nics of c Rs./ha.)	heck
Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	a (ha.)	н	L	A	local Chec k q./ha	Increase in yield (%)	Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Paddy	INM.	Use of water soluble fertilizers in paddy crop 19:19:19@12.5 kg/-ha	PB - 1509	15	6.0													

Result Awaited

FLD - 3

Soil Science: Wheat

S.	Crop	Thematic	Technology Demonstrated	Season and	Area (h	na)		of farmers monstratio		Reasons for shortfall
N.	Стор	area	Toolinology Domonolialoa	year	Proposed	Actual	SC/ST	Others	Total	in achievement
1	Wheat	INM	Use of water soluble fertilizers in wheat crop	Rabi 2021- 22	6.0	6.0	0	15	15	-

Details of farming situation

Crop	Season	Farming situation (RF/Irrig ated)	Soil type	S	tatus of soil	l	evious crop	owing	arvest date	easona rainfall (mm)	No. of rainy days
				N	Р	K	Pre	S S	H	Seg I ra	
Wheat	Rabi 2021-22	Irrigated	Sandy Ioam and Ioam	Medium	Medium	Medium	Paddy	18-22 Nov. 2021	12.4.22 to 16.4.22	-	-

Performance of FLD

Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield q/ha			Yield of	Increa	Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)			
						н	L	A	local Check q./ha	se in yield (%)	Gross Cost	Gros s Retur n	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Wheat	INM.	Use of water soluble fertilizers in wheat crop	HD-2967	15	6.0	49.95	48.85	49.38	41.95	17.71	37575	99500	61925	1:2.64	35690	84529	48839	1:2.36

Selling rate – Rs. 2015.00 per quintal

a. Technical feedback

S. N	0	Feed Back
1		Spray of water soluble fertilizer 19:19:19 NPK @ 12.5 Kg/ha. at tillering stage, before flowering & milk stage enhance crop yield.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Three spray of water soluble fertilizer 19:19:19 NPK is very effective to enhance the yield of wheat crop.
2	This technology save the cost of cultivation i.e. Fertilizers.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organized	No. of participants	Remarks
1.	Farmers Training	02	40	
2.	Media coverage	01	mass	

FLD - 4 Soil Science: Sugarcane

S.	Crop	Thematic	Technology Demonstrated	Season	Area (h	na)		. of farmers monstratio		Reasons for shortfall in
N.	0.00	area	Teermology Demonentated	and year	Proposed	Actual	SC/ST	Others	Total	achievement
1		INM	Nutrient management through							-
	S.cane		water soluble fertilizers (19:19:19) N:P:K in S.cane @ 13.75 Kg/ha.	2022	6.0	6.0	00	15	15	

Details of farming situation

Crop	ason	rming Lation F/Irrig ted)	il type		Status of soil		evious	owing date	arvest date	asona ainfall mm)	No. of rainy days
	Se	Fa situ (RI	Soil	N	Р	K	Pre	S	Ha	Ses –	2 5 0
S.cane	Zaid 2022	Irrigated	Sandy loam and loam	Medium	Medium	Low	Wheat	03 to 07 March. 2022	-	-	-

Performance of FLD

	Thematic	Technology		No. of	Area	Dei	mo. Y q/ha		Yield of local	Increase	Econon	nics of demo	nstration (F	Rs./ha.)		Economics o (Rs./ha		
Crop	Area	Demonstrated	Variety	Farmers	(ha.)	н	L	Α	Check q./ha	in yield (%)	Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
S.cane	INM	Nutrient management through water soluble fertilizers (19:19:19) N:P:K in S.cane @ 13.75 Kg/ha.	Cos - 0238	15	6.0													

Result awaited

FLD - 5

Soil science : Sugarcane

S.	Crop	Thematic	Technology Demonstrated	Season	Area (l	na)		. of farmers monstratio		Reasons for shortfall in
N.	О. СР	area	. comiciogy zomenemanos	and year	Proposed	Actual	SC/ST	Others	Total	achievement
1	S.cane	INM	- Nutrient management through Sulphur @ 30 Kg/ha. in S.cane	Zaid 2022	6.0	6.0	-	15	15	-

Details of farming situation

Crop	ason	rming Lation F/Irrig ted)	il type		Status of soil		evious	owing date	arvest date	asona ainfall mm)	No. of rainy days
	S	Situ (RI	Sos	N	Р	K	Pre	S S	Ha	Ses - ra	2 5 0
S.cane	Zaid 2020	Irrigated	Sandy Ioam and Ioam	Medium	Medium	Low	Wheat	24-28 Feb. 2022	-	-	-

Performance of FLD

	Thematic	Technology		No. of	Area	Der	no. Yie	ld q/ha	Yield of	Increase in	Econon	nics of demo	nstration (Rs./ha.)		Economics (Rs./ha		
Crop	Area	Demonstrated	Variety	Farmers	(ha.)	н	L	A	local Check q./ha	yield (%)	Gross Cost	Gross Return	Net return	BCR (R/C)	Gros s Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
S.cane	INM	Nutrient management through Sulphur @ 30 Kg/ha. in S.cane	Cos- 0238	15														

Result awaited

FLD - 6

Plant Protection: Paddy

S.	Crop	Thematic	Technology Demonstrated	Season and	Area (I	na)		of farmers		Reasons for shortfall
N.	0.0p	area	Toolinology Domonoliatoa	year	Proposed	Actual	SC/ST	Others	Total	in achievement
1	Paddy	IPM	Control of Brown plant hopper through Buprofezin 25 SC @ 0.8 lit./ha (two spray)	Kharif 2022	4.0	4.0	00	10	10	

Details of farming situation

Crop	sason	rming Lation F/Irrig ted)	il type	S	tatus of soil		evious crop	owing	arvest date	asona ainfall mm)	Vo. of rainy days
	S	Farr situs (RF	Soil	N	Р	K	Pre	S b	H	Sea Ira (n	N S S
Paddy	Kharif 2022	Irrigated	Sandy loam and loam	Medium	Medium	Medium	Paddy	07-07-2022 To 15-07- 2022		-	-

Performance of FLD

	Thematic	Technology		No. of	No. of	Area	D	emo.	Yield q/ha	Yield of	Increase in	Eco	nomics of d (Rs./l		ion			nics of c Rs./ha.)	heck
Crop	Area	Demonstrated	Variety	Farmers	(ha.)	н	L	Α	local Check q./ha	yield (%)	Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Paddy	IPM	Control of Brown plant hopper through Buprofezin 25 SC @ 0.8 lit./ha (two spray)	PB 1509	10															

Result Awaited

FLD - 7 Plant Protection: Paddy

S.	Crop	Thematic	Technology Demonstrated	Season and	Area (I	na)		of farmers monstratio		Reasons for shortfall
N.	0.00	area	Toolinology Domonolialoa	year	Proposed	Actual	SC/ST	Others	Total	in achievement
1	Paddy	IDM	Blast disease management through Hexaconazole 4% + Zineb 68%@ 1kg/ha. (two spray)	Kharif 2022	4.0	4.0	00	10	10	

Details of farming situation

									•		
Crop	ason	rming uation F/Irrig rted)	il type	S	tatus of soil		evious crop	owing late	arvest date	asona ainfall mm)	Vo. of rainy days
	S	Faj Situ (RF	Soil	N	Р	K	Pre	S _o	Ha	Sea Ira (n	N S S S
Paddy	Kharif 2022	Irrigated	Sandy Ioam and Ioam	Medium	Medium	Medium	Paddy	12-07-2022 To 17-07- 2022		-	-

Performance of FLD

				No.	Ar	I		no. Yield q/ha	Yield of	Inorono	Econo	omics of d (Rs./l		ation		Econom (R	ics of s./ha.)	
Crop	Themati c Area	Technology Demonstrated	Varie ty	of Farm ers	ea (ha .)	н	L	A	local Chec k q./ha	in yield (%)	Gros s Cost	Gross Return	Net retur n	BC R (R/ C)	Gros s Cost	Gross Return	Net retur n	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Paddy	IDM	Blast disease management through Hexaconazole 4% + Zineb 68%@ 1kg/ha. (two spray)25 SC @ 0.8 lit./ha (two spray)	PB 1509	10														

Result Awaited

FLD - 8
Plant Breeding: Wheat

S.	Crop	Thematic	Technology Demonstrated	Season and	Area (ha)		. of farmers monstratio		Reasons for shortfall
N.	3.54	area	,	year	Proposed	Actual	SC/ST	Others	Total	in achievement
1	Wheat	Promoting high yielding variety of wheat	To demonstrate the yield potential of new variety –DBW - 222	Rabi 2021- 22	2.0	2.0	01	09	10	N.A.

Details of farming situation

Crop	ason	rming Lation F/Irrig ted)	oil type		Status of soi	I	evious	owing late	arvest date	easona rainfall (mm)	No. of rainy days
	Se	Far situ (RF	So	N	Р	К	Pre c	S S S	Ha	8 – 8 – 8 – 8 – 8 – 8 – 8 – 8 – 8 – 8 –	Z=o
Wheat	Rabi 2021-22	Irrigated	Sandy Ioam and Ioam	Low	Medium	Medium	Paddy	17-11-21 to 21-11-21	10-13 April 2022	-	-

Performance of FLD

	Thematic	Technology		No. of	Area	Der	no. Yield o	η/ha	Yield of local	Increase in	Econom	ics of demo	nstration (I	Rs./ha.)	Ec	onomics (Rs./h		
Crop	Area	Demonstrate d	Variety	Farmers	(ha.)	н	L	Α	Check q./ha	yield (%)	Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Wheat	Promoting high yielding variety of wheat	To demonstrat e the yield potential of new variety.	DBW -222	10	2.0	42.5	36.5	41.5	37.5	10.66	49500	83622	34122	1:1.68	48600	75552	26962	1:1.55

Sale rate – Rs. 2015 per quintal

a. Technical feedback

1	Use of quality seed and new improved variety is essential.
2	Increase production requires timely sowing.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Variety DBW - 222 is higher yielder as compared to variety PBW - 550.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1.	Farmers Training	02	40	
2.	Media coverage	-	-	

FLD - 9
Plant Breeding: Wheat

S.	Crop	Thematic area	Technology Demonstrated	Season	Area (ha)	No. of far	mers/ Demo	nstration	Reasons for shortfall in
N.	Сюр	Thematic area	reciliology Demonstrated	and year	Proposed	Actual	SC/ST	Others	Total	achievement
1	Wheat	Promoting improved variety of wheat under late sown condition	To demonstrate the yield potential of wheat variety under late sown condition Variety – DBW - 173	Rabi 2021-2022	2.0	2.0	-	10	10	N.A.

Details of farming situation

Crop	Season	rming Lation F/Irrig ted)	il type		Status of soi	I	evious	owing date	urvest date	asona ainfall mm)	lo. of ainy days
	Se	Sitt. (RF	So	N	Р	K	Pre	So	Ε Ξ σ	Sea I rai (m	Z = O
Wheat	Rabi 2021- 22	Irrigated	Sandy Ioam	Low	Medium	Medium	Paddy	03.12.2021 to 07.12.2021	10-13 April 2022	-	-

Performance of FLD

	Thematic	Technology		No. of	Area	Den	no. Yiel	d q/ha	Yield of local	Increase in	Econon	nics of demo	nstration (Rs./ha.)	E	Economics of (Rs./ha		
Crop	Area	Demonstrated	Variety	Farmers	(ha.)	н	L	Α	Check q./ha	yield (%)	Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return	Net return	BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Wheat	Promoting HYV of wheat under late sown condition	the yield potential of wheat variety	DBW - 173	10	2.0	40.0	30.0	38.5	34.0	13.23	48400	77577	29177	1:1.60	47300	68510	21210	1:1.44

Sale rate - Rs. 2015 per quintal

a. Technical feedback

1	Use of new improved variety and quality seed is essential.
2	Use of recommended variety under late sown condition.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Variety DBW - 173 is higher grain yielder as compared to variety PBW - 502.
2	Variety DBW - 173 is good under late sown condition.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organized	No. of participants	Remarks
1.	Farmers Training	02	40	
2.	Field day	-	-	

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

	Thematic	technology		No. of	Area		Y i	ield (q/ha)		% Increase	Econom	ics of demo	onstration (Rs./ha)		Economics (Rs./		
Crop	Area	demonstrated	Variety	Farmers	(ha)		Dem	10	Check	in yield	Gross	Gross	Net	BCR	Gross	Gross	Net	BCR
						High	Low	Average	Cneck	-	Cost	Return	Return	(R/C)	Cost	Return	Return	(R/C)
Groundnut																		
Sesamum																		
	ICM	Improved seed , sulpher@30kg/ha and Imidacloprid @ 0.5 lit/ha	GJT-5	25	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Mustard																		
	ICM	Improved seed , sulpher@30kg/ha	RH-749	25	10.0	18.91	16.39	18.17	14.85	22.35	24413	109020	85607	4.65	21520	89100	67580	4.14
		Sulprier @ Sukg/ria																
Toria																		
Linseed																		
Sunflower																		
Soybean																		

^{*} Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

	Thematic	technology		No. of	Area		Y i	ield (q/ha)		% Increase	Econom	ics of dem	onstration ((Rs./ha)	I	Economics (Rs./		
Crop	Area	demonstrated	Variety	Farmers	Area (ha)	High	Dem Low	o Average	Check	in yield	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Pigeonpea								7										
					•	•								•				
Blackgram																		
	ICM	ICM through improved seed	PU-31 and Mukundra Urd-:	50	20.0													
Greengram																		
Oreengram																		
						•					•							
Chickpea																		
Fieldpea																		
					•	•												
Lentil																		
Horsegram																		

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

FLD on Other crops

	Them			Are		Yield (Other Pa	rameters	Econom	ics of demor	nstration ((Rs./ha)	Econon	nics of c	neck (R	s./ha)
Category & Crop	atic Area	Name of the technology	No. of Farmers	a (ha)	High	Demo Low	Aver age		Change in Yield	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals							-9-												
Paddy																			
	IWM	Weed management in Paddy through Bispyribac sodium 10% @ 200 ml /ha	15	6.0															
	INM.	Use of water soluble fertilizers in paddy crop 19:19:19@12 .5 kg/-ha	15	6.0															
	IPM	Control of Brown plant hopper through Buprofezin 25 SC @ 0.8 lit./ha (two spray)	10	4.0															
	IDM	Blast disease management through Hexaconazole 4% + Zineb 68%@ 1kg/ha. (two spray)	10	4.0															
Waterlogged Situation																			
Coarse Rice																			
Coarse Rice																			
Scented Rice																			

Wheat																			
	INM.	Use of water soluble fertilizers in wheat crop	15	6.0	49.95	48.85	49.38	41.95	17.71	-	-	37575	99500	61925	1:2.64	35690	84529	48839	1:2.3 6
Wheat Timely																			
sown																			
	Promotin g high yielding variety of wheat	To demonstrate the yield potential of new variety (DBW – 222)	10	2.0	42.5	36.5	41.5	37.5	10.66		-	49500	83622	34122	1:1.68	48600	75552	26962	1:1.55
Wheat Late																			
Sown																			
	Promotin g HYV of wheat under late sown condition	To demonstrate the yield potential of wheat variety under late sown condition. (DBW – 173)	10	2.0	40.0	30.0	38.5	34.0	13.23	5.2 (No. of effective tillers per plant	4.5 (No. of effective tillers per plant	48400	77577	29177	1:1.60	47300	68510	21210	1:1.44
Mandua																			
Barley																			
Maize																			
Amaranth																			
Millets																			
Jowar																			
						<u> </u>													

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Bajra												
Barnyard millet												
millet												
Finger millet												
Vegetables Bottlegourd											 	
Bottlegourd											 	
B'''												
Bittergourd												
0												
Cowpea												
Coongogourd												
Spongegourd												
Petha												
rema												
Tomato												
TOTILATO												
Frenchbean											 	
Trendibean												
Capsicum												
Опрогодии												
Chilli												
0												
Brinjal												
Vegetable pea												
J												
Softgourd												
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Okra												
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Colocasia (Arvi)													
(Arvi)													
Broccoli													
Cucumber					 								
Onion													
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Coriender													
Coriender													
Lettuce													
Cabbage													
Cauliflower													
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Elephant fruit													
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Flower crops													
Flower crops Marigold													
Marigolu			4.										
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Bela													
Tuberose													
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Gladiolus													
Fruit crops Mango													
Mango													
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Strawberry													
Ollawbelly										1			
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Cuava													
Guava													
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Muskmeion Watermelon Watermelon Spices A S	Panana																	
Maternation Waternation Spices & Score Garlic Turneric Commercial Constant INM INM INM INM INM INM INM IN	Danana																	
Garic Tumeric Commercial Crops Sugarcane Nutrient management through water soluble (19:18:19) NPK in Scane 9 13:75 Kg/ha. Nutrient management through Scane 9 13:75 Kg/ha. Nutrient management through Scane 9 13:75 Kg/ha. Nutrient management through Scane 9 13:75 Kg/ha. Nutrient management scane 9 15:																		
Muskmelon	D																	
Watermelon Image: Condiments of the condimen	Papaya																	
Watermelon Image: Conditional Space of the Conditional S												•						
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Spices & condiments Ginger Gartic Commercial Crops Sugarcane Nutrient management through water solubule fertilizzers 1,3,75 kg/l/a 1,3,75 k	Muskmeion																	
Spices & condiments Ginger Gartic Commercial Crops Sugarcane Nutrient management through water solubule fertilizzers 1,3,75 kg/l/a 1,3,75 k																		
Spices & condiments Ginger Gartic Commercial Crops Sugarcane Nutrient management through water solubule fertilizzers 1,3,75 kg/l/a 1,3,75 k																		
Spices & condiments Ginger Gartic Commercial Crops Sugarcane Nutrient management through water solubule fertilizzers 1,3,75 kg/l/a 1,3,75 k	Watermalan																	
Garic Garic Commercial Crops Sugarcane INM INM INM INM INM INM INM INM INM IN	vvatermeion																	
Garic Garic Commercial Crops Sugarcane INM INM INM INM INM INM INM INM INM IN						<u> </u>						•						
Garic Garic Commercial Crops Sugarcane INM INM INM INM INM INM INM INM INM IN	C: 8																	
Garic Garic Commercial Crops Sugarcane INM INM INM INM INM INM INM INM INM IN	condiments																	
Commercial Crops	Gingor																	
Turmeric	Giligei																	
Turmeric							 							<u> </u>				
Turmeric	Carlic																	
Commercial Crops Sugarcane Nutrient management through water soluble leftilizers (19:19-19) NyP-K in S.cane @ 13.75 Kg/ha. Nutrient management through sulphur @ 30 Kg/ha. Sighar @ 15 Kg/ha. Nutrient management through sulphur @ 30 Kg/ha. S.cane Potato Medicinal & aromatic plants	Oarno																	
Commercial Crops Sugarcane Nutrient management through water soluble fertilizers (19:19:19) Nutrient management through water Soluble (19:19:19) Nutrient management water (19:19:19) Nutrient management water (19:19:19) Nutrient water (19:19:19) Nutrient water (19:19:19:19) Nutrient water (19:19:19:19) Nutrient water (19:19:19:19) Nutrient water (19:19:19:19) Nutrient water (19:19:19:19:19:19:19:19:19:19:19:19:19:1																		
Commercial Crops Sugarcane Nutrient management through water soluble leftilizers (19:19-19) NyP-K in S.cane @ 13.75 Kg/ha. Nutrient management through sulphur @ 30 Kg/ha. Sighar @ 15 Kg/ha. Nutrient management through sulphur @ 30 Kg/ha. S.cane Potato Medicinal & aromatic plants	Turmeric																	
Nutrient management through Sulphur @ 30 Kg/ha. in Sucane Sucane @ 15 Kg/ha. in Suca	1 411116116																	
Nutrient management through Sulphur @ 30 Kg/ha. in Sucane Sucane @ 15 Kg/ha. in Suca						<u> </u>												
Nutrient management through Sulphur @ 30 Kg/ha. in Sucane Sucane @ 15 Kg/ha. in Suca	Commercial																	
Nutrient management through water soluble fertilizers (19:19:19) N:P:K in S.cane @ 13.75 Kg/ha. Nutrient management through water soluble for through soluble water was a soluble soluble with through soluble water was a soluble soluble water wate	Crops																	
Nutrient management through water soluble fertilizers (19:19:19) N:P:K in S.cane @ 13.75 Kg/ha. Nutrient management through water soluble for through soluble water was a soluble soluble with through soluble water was a soluble soluble water wate	Sugarcane																	
INM through Sulphur @ 30 Kg/ha. in S. cane Potato Medicinal & aromatic plants		INM	management through water soluble fertilizers (19:19:19) N:P:K in S.cane @	15	6.0													
Potato Medicinal & aromatic plants		INM	management through Sulphur @ 30 Kg/ha. in	15	6.0													
Medicinal & aromatic plants	Potato																	
aromatic plants																		
aromatic plants									•									
Montholmont	aromatic																	
	Mentholment														I .			
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Kalmegh														
	•			•	•	•				.	•			
Ashwagandha														
Fodder Crops														
Sorghum (F)														
Cowpea (F)														
Maize (F)														
Lucern														
Berseem														
Oat (F)														
														·····

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

FLD on Livestock

54

Category	Thematic area	Name of the technology	No. of Farmer	No.of Units (Animal/	Major pa	rameters	% change	Other pa	rameter	Econom	ics of dem	onstratio	า (Rs.)	E	conomics (Rs		
		demonstrated		Poultry/ Birds, etc)	Demo	Check	in major parameter	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle																	
Buffalo																	

Buffalo Calf									
Dairy									
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

Cotogory	Thematic	Name of the	No. of	No.of	Major pa	rameters	% change	Other pa	rameter	Econo	mics of der	nonstration	ı (Rs.)		Economics (R	s of check s.)	
Category	area	technology demonstrated	Farmer	units	Demons ration	Check	in major parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Common Carps																	
Composite fish culture							55										
Feed Manageme nt																	

^{*} 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	No. of Farmer	No.of units	Major par	ameters	% change in major	Other p	arameter	Econon	nics of dem Rs./	onstration unit	(Rs.) or		Economics (Rs.) or R		
	demonstrated			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																
Aproduction																
Maize Sheller																
Value Addition																
Vermi Compost																

FLD on Women Empowerment

			56		
Category	Name of technology	No. of	Name of observations	Demonstration	Check
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	demonstrations			4
		uemonsuanons			4

FLD on Farm Implements and Machinery

Name of the	Crop	Technology	No. of	Area	Major	Filed observation	% change	Labor reduction (man days)	Cost reduction
implement		demonstrated	Farmer	(ha)	parameters	(output/man hour)	in major		(Rs./ha or Rs./Unit etc.)

							Demo	Check	parameter	preparation		ly weedi		pr	reparatio n	Laboui	n	1
FLD on Other	Enterprise:	Kitchen Gard	lening															
	Thematic area	Name of the	No. of	No. of Units	Yield	l (Kg)	% change	Other	parameters	Econ		emonstrati na)	on				check	
Category and Crop		*			Yield Demons ration	i (Kg)	% change in yield	Other Demo	parameters Check	Econ Gross Cost	omics of d (Rs./I Gross Return		on BCR (R/C)	Gross Cost	ss Gro	(Rs./ha		

FLD on Demonstration details on crop hybrids (Details of Hybrid FLDs implemented during 2020)

				_		Yield (q/h	1a)			Econo	omics of dem	onstration (Rs./	ha)
Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)		Demo		Ob seek	% Increase in yield	Gross	Gross	Net Bet	BCR
	ucinononateu	variety	rannoro	(IIIa)	High	Low	Average	Check	yield	Cost	Return	Net Return	(R/C)
Oilseed crop													
Pulse crop													
											•		
Cereal crop													
											•		
Vegetable crop					57								
					31								
			•										
Fruit crop													
L	<u> </u>	<u> </u>	<u> </u>			<u> </u>					<u> </u>		

Other (specify)							

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

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Proper	Thematic area	No. of						Participants			
Crop Production		courses					SC/S	T			
Weed Management			Male	Female	Total	Male	Female	Total	Male	Female	Total
Resource Conservation Technologies Crop Piversification Integrated Farming Micro Minegrated Crop Management Micro Micro Management Micro Micro Management Micro Micro Micro Management Micro Micro Micro Management Micro Micr	I Crop Production										
Conservation Cropping Systems Cropping S											
Technologies											
Cropping Systems											
Crop Diversification											
Integrated Farming											
Micro											
Irrigation/irrigation Seed production Nursery management Integrated Crop Management Integrated nutrient management romangement Production of organic inputs Others (pt specify) Plant Receding 06 102 - 102 18 - 18 120 - 120 If Horticulture a) Vegatable Crops Production of Iow value and high value and high value rops Off-season vegetables Nursery raising Export potential vegetables Export potential vegetables Grading and standardzation Protective cultivation Others (pt specify) Total (a) b) Fruits Training and Pruning Layout and Management of Orchards Rejivenation of Fruit Management of Orchards Export potential furties Micro irrigations Micro irrigations Micro irrigations In the production of iow value and management Anagement of Orchards Export potential Vegetables Rejivenation of Fruit Management of Orchards Export potential furties Micro irrigation Micro irrigation Micro irrigation See A S											
Seed production											
Nursery management Soil & water conservation Integrated outrient management Production of organic inputs Others (pl specify) Plant Breeding Off 102 - 102 18 - 18 120 - 120 II Horiculture Different of low value and high value crops Off-season vegetables Nursery raising Export potential vegetables Grading and standardization Protective cultivation Others (pl specify) Total a) Different of low value and high va											
management											
Integrated Crop											
Management											
Conservation											
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Others (pl specify)											
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Integrated water Integrated	Production and										
Integrated water Integrated	Management										
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III Soil Health and Fertility Management Soil fertility management Integrated water management Integrated Nutrient Management 02 36 - 36 04 - 04 40 - 40 Production and use of organic inputs											
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Management Soil fertility management Integrated water management Integrated Nutrient Management and use of organic inputs - 36 04 - 04 40 - 40 Management of Problematic soils	Fertility										
Soil fertility	Management										
management Integrated water management Integrated Nutrient Management 02 36 - 36 04 - 04 40 - 40 Production and use of organic inputs -<	Soil fertility										
Integrated water	management			<u></u>	<u> </u>						
Integrated Nutrient Management O2 36 - 36 O4 - O4 40 - 40	Integrated water			-			-				
Management 02 36 - 36 04 - 04 40 - 40 Production and use of organic inputs -	management										
Production and use of organic inputs -											
of organic inputs	Management	02	36	-	36	04	-	04	40	-	40
Management of Problematic soils											
Problematic soils Micro nutrient 40 40 40 Meficiency in crops 02 36 - 36 04 - 04 40 - 40 Nutrient Use 0 <t< td=""><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></t<>		-	-	-	-	-	-	-	-	-	-
Micro nutrient deficiency in crops 02 36 - 36 04 - 04 40 - 40 Nutrient Use - - - - - 40 - - 40	Management of										
deficiency in crops 02 36 - 36 04 - 04 40 - 40 Nutrient Use 40 - 40											
Nutrient Use		00	2.		20	0.4		0.4	40		40
		02	36	-	36	04	-	04	40	-	40
Efficiency											
	Efficiency	<u> </u>			<u> </u>		<u> </u>	<u> </u>		<u> </u>	

Balance use of										
fertilizers	-	-	-	-	-	-	-	-	-	-
Soil and Water										
Testing Others (pl specify)										
Total	04	72	_	72	08	_	08	80	-	80
IV Livestock	0.				00		00	00		00
Production and										
Management										
Dairy Management										
Poultry Management										
Piggery										
Management										
Rabbit Management										
Animal Nutrition										
Management										
Disease Management										
Feed & fodder										
technology										
Production of										
quality animal										
products										
Others (pl specify) Total										
V Home										
Science/Women										
empowerment										
Household food										
security by kitchen										
gardening and nutrition gardening										
Design and										
development of										
low/minimum cost										
diet										
Designing and development for										
high nutrient										
efficiency diet										
Minimization of										
nutrient loss in										
processing										
Processing and cooking										
Gender										
mainstreaming										
through SHGs										
Storage loss minimization										
techniques										
Value addition										
Women										
empowerment										
Location specific										
drudgery reduction technologies										
Rural Crafts										
Women and child										
care										
Others (pl specify)										
Total										
VI Agril. Engineering										
Farm Machinary										
and its maintenance										
Installation and										
maintenance of										
micro irrigation										

systems			I	İ	I	1	Ī	l	I
Use of Plastics in									
farming practices									
Production of small									
tools and									
implements									
Repair and									
maintenance of farm									
machinery and implements									
Small scale									
processing and									
value addition									
Post Harvest									
Technology									
Others (pl specify)									
Total									
VII Plant									
Protection									
Integrated Pest									
Management									
Integrated Disease Management									
Bio-control of pests									
and diseases									
Production of bio									
control agents and									
bio pesticides									
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)									
Total									
IX Production of									
Inputs at site									
Seed Production									
Planting material									
production		 							
Bio-agents									
production									
Bio-pesticides									
production									
Bio-fertilizer									1

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	<u> </u>									
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	0.00	40		40				40		40
technologies	02	40	-	40	-	-	-	40	-	40
Nursery										
management										
Integrated Farming										
Systems										
Others (pl specify)										
Total	02	40	-	40	-	-	-	40	-	40
GRAND TOTAL	12	214	-	214	26	-	26	240	-	240

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of						Participants				
	courses	Others				SC/S		Grand Total			
T.O.		Male	Female	Total	Male	Female	Total	Male	Female	Total	
I Crop Production											
Weed											
Management											
Resource											
Conservation											
Technologies											
Cropping Systems											
Crop											
Diversification											
Integrated Farming											
Micro Irrigation/irrigation											
Seed production											
Nursery											
management											
Integrated Crop											
Management	<u> </u>			<u> </u>							
Soil & water											
conservatioin											
Integrated nutrient											
management											
Production of											
organic inputs Others (pl specify)											
Plant Breeding	06	113	-	113	07	-	07	120	_	120	
Total	06	113		113	07		07	120		120	
II Horticulture	00	113		113	07		0,	120		120	
a) Vegetable											
Crops											
Production of low											
value and high											
value crops											
Off-season											
vegetables											
Nursery raising											
Exotic vegetables Export potential											
vegetables											
Grading and											
standardization											
Protective											
cultivation											
Others (pl specify)											
Total (a)											
b) Fruits											
Training and											
Pruning											
Layout and Management of											
Management of Orchards											
Cultivation of											
Fruit											
Management of											
young											
plants/orchards											
Rejuvenation of											
old orchards											
Export potential fruits											
Micro irrigation			-			-					
systems of orchards											
Plant propagation											
techniques											

Others (pl specify)										
Total (b)										
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			<u> </u>							
Production and										
Management										
technology										
Processing and										
value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and										
Management										
technology										
Processing and										
value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and										
Aromatic Plants										
Nursery										
management										
Production and										
management										
technology Plant										
Breeding - Mentha	01	20	-	20	-	-	-	20	-	20
Post harvest										
technology and										
value addition										
Others (pl specify)								± -=		
Total (g)	01	20	-	20	-	-	-	20	-	20
GT (a-g)	01	20	-	20	-	-	-	20	-	20
III Soil Health										
and Fertility										
Management										
Soil fertility										
management										
Integrated water										
management										
Integrated Nutrient	Δ1	20		20	00		00	20		20
Management	01	20		20	UU	-	00	20	-	20
Production and use	00	40		40	00		00	40		40
of organic inputs	02	40	-	40	00	-	00	40	-	40
Management of										
Problematic soils										
Micro nutrient	00	20		20	0.1		0.1	40		40
deficiency in crops	02	39	-	39	01	-	01	40	-	40

Nutrient Use										
Efficiency										
Balance use of	0.1	20		20				20		20
fertilizers Soil and Water	01	20	-	20	-	-	-	20	-	20
Testing	01	07	_	07	13	_	13	20	_	20
Others (pl specify)										
Total	07	126	-	126	14	•	14	140	-	140
IV Livestock										
Production and Management										
Dairy Management										
Poultry Management										
Piggery Management										
Rabbit										
Management										
Animal Nutrition Management										
Disease										
Management										
Feed & fodder										
technology Production of										
quality animal										
products										
Others (pl specify)										
Total										
V Home										
Science/Women empowerment										
Household food										
security by kitchen										
gardening and										
nutrition gardening Design and										
development of										
low/minimum cost										
diet										
Designing and										
development for high nutrient										
efficiency diet										
Minimization of										
nutrient loss in										
processing Processing and										
cooking										
Gender										
mainstreaming										
through SHGs										
Storage loss minimization										
techniques										
Value addition										
Women										
empowerment										
Location specific drudgery reduction										
technologies										
Rural Crafts										
Women and child										
care										
Others (pl specify)										
Total VI Agril.										
Engineering										
Farm Machinary										
and its										
									· · · · · · · · · · · · · · · · · · ·	

maintananaa	l I	ı	j	1 1	1 1	İ	1	I	1 1
maintenance Installation and								<u> </u>	
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	ļ								
Small scale									
processing and									
value addition									
Post Harvest									
Technology									
Others (pl specify)						 			
Total						 			
VII Plant						 			
Protection						 			
Integrated Pest	_								
Management									
Integrated Disease									
Management									
Bio-control of									
pests and diseases									
Production of bio									
control agents and									
bio pesticides									
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	<u> </u>								
culture of									
ornamental fishes									
Portable plastic									
carp hatchery									
Pen culture of fish									
and prawn									
Shrimp farming									
Edible oyster									
farming									
Pearl culture	ļ								
Fish processing									
and value addition									
Others (pl specify)						 			
Total						 			
IX Production of						 			
Inputs at site						 			
Seed Production						 			
Planting material						· · · · · · · · · · · · · · · · · · ·			
production									
Bio-agents									
production									
_									

Systems Others (pl specify)						
Integrated Farming						
management						
Nursery						
Production technologies						
XI Agro-forestry Production						
Total						
Others (pl specify)						
issues						
WTO and IPR			 		 	
farmers/youths					 	
development of						
Entrepreneurial						
social capital						
SHGs Mobilization of						
Management of						
Formation and						
Group dynamics						
development						
Leadership						
Group Dynamics						
Building and						
X Capacity				1		
Total						
Apiculture Others (pl specify)						
Production						
Mushroom						
feed						
Production of Fish			 		 	
fodder						
livestock feed and						
Production of						
Implements						
implements						
sheets Small tools and						
colonies and wax						
Production of Bee-						
and fingerlings						
Production of fry						
production						
Organic manures						
production						
production Vermi-compost						
Bio-fertilizer						
production						
mmodustion						

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

Thematic area	No. of						Participants				
	courses	Others				SC/S		Grand Total			
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
I Crop											
Production Weed											
Management Management											
Resource											
Conservation											
Technologies											
Cropping Systems											
Crop											
Diversification											
Integrated Farming											
Micro											
Irrigation/irrigation											
Seed production											
Nursery											
management											
Integrated Crop											
Management											
Soil & water											
conservatioin											
Integrated nutrient											
management											
Production of											
organic inputs											
Others (pl specify)	10	215		215	25		25	240		240	
Plant Breeding	12	215	-	215	25	-	25 25	240	-	240	
Total	12	215	-	215	25	-	25	240	-	240	
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)											
Total (a)											
b) Fruits											
Training and											
Pruning											
Layout and											
Management of											
Orchards											
Cultivation of Fruit											
Management of											
young											
plants/orchards											
Rejuvenation of											
old orchards											
Export potential											
fruits											
Micro irrigation											
systems of											
orchards											
Plant propagation											
techniques											

Others (pl specify)		l i		l	ĺ				I	'
Total (b)										
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										
technology										
Processing and										
value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and										
Management										
technology										
Processing and										
value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and										
Aromatic Plants										
Nursery										
management										
Production and										
management										
technology (Plant										
Breeding –										
Mentha)	01	20	-	20	-	-	-	20	-	20
Post harvest										
technology and										
value addition										
Others (pl specify)								_		
Total (g)	01	20	-	20	-	-	-	20	-	20
GT (a-g)	01	20	-	20	-	-	-	20	-	20
III Soil Health										
and Fertility										
Management										1
Soil fertility										
management										
Integrated water										
management										
Integrated Nutrient	02	56		54	04		04	60		60
Management Production and use	03	56	-	56	04	-	04	60	-	60
of organic inputs	02	40	_	40	00	_	00	40	_	40
Management of	02	40	-	40	00	-	00	40		40
Problematic soils										
1 10010111attle 30113	l			l			<u> </u>	<u> </u>	l	1

Micro nursient deficiency in crops 04 75 - 75 05 - 05 80 80 80 Nursient Use Fireficiency Balance use of fertilizers of 1 20 - 20 00 - 00 20 20 20 (and the control of the c	3.6		1							I	
Nutrient Use Efficiency Balance use of fertilizers 1		04	75	_	75	05	_	05	80	_	80
Efficiency Ballance use of fertilipres 10 20 - 20 000 - 00 20 - 20 Cost and Water Testing 10 1 07 - 07 13 - 13 20 - 20 Cothers (el specify) Total 11 198 - 198 22 - 22 220 - 220 Production and Management Dairy Management Dairy Management Rabbin Management Rabbin Management Rabbin Management Rabbin Management Rabbin Management Cothers (el specify) Production and Management Cothers (el specify) Production and Management Rabbin Management Rabbin Management Rabbin Management Cothers (el specify) Total		04	13		13	05		0.5			00
Balance use of fertilizers											
Soli and Water Testing											
Testing		01	20	-	20	00	-	00	20	-	20
Others (pt specify)		0.4	0.5		0.7				•		20
Total 11 198 - 198 22 - 22 230 - 220 VI Virestack Production and Management Dairy Management Poultry Management Poultry Management Programs Management Rabbit Management Manage		01	07	-	07	13	-	13	20	-	20
IV Livestock Production and Management Poultry Management Poultry Management Poultry Management Piggery Management Animal Nutrition Management Animal Nutrition Management Animal Nutrition Management Animal Nutrition Management Animal Nutrition Management Animal Nutrition Management Animal Nutrition Management Animal Nutrition Management Animal Nutrition Management Animal Nutrition Management Animal Nutrition Management Animal Nutrition Management Animal Nutrition Management Animal Nutrition Office of the Control of Quality animal products Others of Specify Total Valum Science Women Science Women Science Women Household ford Security by Kitchen gardening and maintion gardening Animal Management Animal Mana		11	100		100	22		22	220		220
Production and Management Dairy Management Poultry Management Piggery Management Mabit Management M		11	198	-	198	22	-	22	220	-	220
Management Poutry Management Poutry Management Piggery Management Rabbit Management Rabbit Management Animal Nutrition Management Animal Nutrition Management Animal Nutrition Management Disease Management Pred & fodder technology Production of quality animal products Others of playexify) Total V Home SclenecWomen empowerment Household ford security by kitches grademing and nutrition gardening Design and development of low/maintum cost diet Design and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGS Scorage loss minimization techniques Value addition Value											
Dairy Management Poultry Management Piggery Management Management Management Management Management Management Management Management Management Management Management Management Management Management Management Management Peed & folder technology Production of quality animal products Others of p specify) Total V Home Science/Women empowerment Houschold food security by kitchen gardening and nutrition gardening Design and development of loow/minimum cost diet Design and development of high nutrient efficiency diet Minimization of muttient loos in processing Processing and cooking Gender mainstreaming through SHGS Storage loss minimization techniques techniques Value addition Women Gender Gender Gender mainstration techniques Location specific dridgery reduction technologies Rural Crafts Womene Gorders of Specify Total Valagril,											
Management Piggery Management Man	Dairy Management										
Figgery Management Rabbit Management Animal Nutrition Management Disease Management Production of quality animal products Others (pl specify) Total V Home Science/Women enpowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of mutrient osis in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women enpowement Hough SHGs Storage loss minimization techniques Value addition Women enpowement Hough SHGs Storage loss minimization techniques Value addition Women enpowement Location specific drodgery reduction techniques Value addition Women enpowement Location specific drodgery reduction techniques Value addition Women enpowement Location specific drodgery reduction technologies Rural Carlis Women and child care Understored Understore											
Management Management											
Rabbit Management Animal Nutrition Management Disease Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization or nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization technologies Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafis Women and child care Others (pl specify) Total V April.	Piggery										
Management Discuss Management Discuss Management Discuss Management Feed & folder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Discipa in and development of high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women menpowerment Location specific drudgery reduction techniques Value addition Women empowerment Location specific drudgery reduction techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total V1 Agril.											
Animal Nutrition Management Disease Management Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for linkin nutrient efficiency diet Minimization of nutrient loss in processing Processing Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction techniques Value addition Women empowerment Location specific drudgery reduction techniques Value addition Women empowerment Location specific drudgery reduction techniques Value addition Women empowerment Location specific drudgery reduction techniques Value addition Women empowerment Location specific drudgery reduction techniques Value addition Women and child care Others (pl specify) Total V1 Agril.											
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Management Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of loow/minimum cost diet Obeyinging and development for high nutrient efficiency diet Minimization of nutrient of sin processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization technologies Nature Addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Ut Agril.	Management										
Feed & fodder technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening and development of low/minimum cost diet Designing and development of low/minimum cost diet Minimization of nutrient efficiency diet Minimization of nutrient oss in processing and cooking Gender mainstreaming through SHGs Storage loss minimization technologies Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total V L Agril.											
technology Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient os in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Raval Crafts Women and child care Under VI Agril.											
Production of quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.											
quality animal products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening. Design and development of low/minimum cost diet development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing Processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization technologies Value addition Women empowerment											
products Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing Processing Processing Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total V Home Science/Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total V Hogsl.											
Others (pl specify) Total V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.											
V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total V1 Agril.	Others (pl specify)										
Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total V1 Agril.											
## Comparison of											
Household food security by kitchen gardening and nutrition gardening and development of low/minimum cost diet											
security by kitchen gardening and nutrition gardening and evelopment of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.											
gardening and nutrition gardening Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.											
Design and development of low/minimum cost diet Designing and development for high nutrient efficiency diet Ef	gardening and										
development of low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.	nutrition gardening										
low/minimum cost diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.	Design and										
diet Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.											
Designing and development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Rural Crafts Women and child care Others (pl specify) Total VI Agril.											
development for high nutrient efficiency diet Minimization of nutrient loss in processing Processing Processing Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.											
high nutrient efficiency diet Minimization of nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.	development for										
Minimization of nutrient loss in processing Processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Storage los empowerment Carlot Grafts Storage los empowerment Location specific drudgery reduction technologies loss empowerment Location specific drudgery reduction technologies loss empowerment Location specific drudgery reduction technologies loss empowerment Location specific drudgery reduction technologies loss empowerment Location specific drudgery reduction technologies loss empowerment Location specific drudgery reduction technologies loss empowerment Location specific drudgery reduction technologies loss employees employees loss employees loss employees loss employees loss employees employees loss employees loss employees loss employees employees employees loss employees employees employees loss employees employe	high nutrient										
nutrient loss in processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.	efficiency diet										
processing Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.											
Processing and cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.											
cooking Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.	Processing and										
Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.	cooking										
through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.	Gender										
Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.	mainstreaming										
minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.	through SHGs										
techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.	Storage loss										
Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.											
Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.	Value addition										
empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.											
drudgery reduction technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.											
technologies Rural Crafts Women and child care Others (pl specify) Total VI Agril.	Location specific										
Rural Crafts											
Women and child care Others (pl specify) Total VI Agril.											
care Others (pl specify) Total VI Agril.											
Others (pl specify) Total VI Agril.											
Total VI Agril.											
VI Agril.	Total										
Engineering	VI Agril.										
	Engineering										

Farm Machinary and its maintenance mainten		ı	1		i i	ı	Ì	i	Ī	Ī	ı i
maintenance Installation and maintenance of minor installation and maintenance of minor installation and maintenance of minor origination systems Systems When of Plastics in furming practices production of small tools and small tools and small tools and maintenance of farming practices production of small tools and maintenance of farm machinery and implaments Small scale processing and wavulue addition Port Harvest Technology Others (18 specify) Tool of the specify Tool of the specify tool of the specific tool of the specific tool of the specific tool of the specific tool of the specific tool of the specific tool of the specific tool of the specific tool of the specific t	Farm Machinary										
Installation and maintenance of micro trigation systems Use of Plastics in farming practices Production of small tools and implements Report and Report an											
maintenance of micro irrigation systems system											
use of Plastics in familiary control of systems with the process of the process o											
systems Section Sectio											
Use of Plastics in famining practices Production of small tools and implements Repair and maintenance of farint machinery and implements Small scales Processing and value addition Post Harvet Technology Techno	micro irrigation										
Use of Plastics in famining practices Production of small tools and implements Repair and maintenance of farint machinery and implements Small scales Processing and value addition Post Harvet Technology Techno											
faming practices Production of small tools and implements implements Security Secu	Use of Plastics in										
Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Te											
small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others of page 1/9 Post Harvest Technology Others	Production of										
implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specity) Total VII Plant Protection Integrated Pest Management Integrated Disease Management Integrated Disease Management Bio control of pests and diseases Production of bio control agents and bio pesticides Others (pl specity) Total VII Fisheries Integrated fish farming Carp breeding and hatchery management Carp fry and fingering rearing Carp fry and fingering rearing Carp fry and fingering rearing Camposite fish culture Hatchery management and culture of fireshwater prawn Breeding and latchery management and culture of meaning farming Carp fry and fingering rearing Composite fish culture Freeding and culture of meaning farming Shrining farming Shrining farming Ecible coyster farming Percal culture of Freshwater prawn Shrining farming Ecible coyster farming Penet culture of Freshwater prawn Shrining farming Shrining farming Ecible coyster farming Penet culture of Fresh processing and value addition Others (pl specify) Total IX Production of Inputs at site Seed Production Jamentarial											
Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology Others (pl specify) Total VII Plant Protection Integrated Pest Management Integrated Disease Management Integrated Disease Management Integrated Since and diseases Management Integrated Since and diseases Management Integrated Since and diseases Management Integrated Integrated Since and diseases Management Integrated Integrated Since and diseases Management Integrated											
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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	02	40	-	40	-	-	-	40	-	40
Nursery										
management										
Integrated Farming										
Systems										
Others (pl specify)										
Total	02	40	•	40	1	•	-	40	-	40
GRAND TOTAL	26	473	-	473	47	-	47	520	-	520

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

	No. of	No. of Participants											
Area of training	Courses		General			SC/ST			Grand Total				
N. M. C.		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	04	36		36	04	-	04	40	-	40			
Production of organic													
inputs													
Planting material													
production													
Vermi-culture													
Mushroom Production													
Bee-keeping													
Sericulture													
Repair and maintenance													
of farm machinery and													
implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality													
animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture						t							
Shrimp farming													
Pearl culture													
Cold water fisheries						 							
Fish harvest and						 							
processing technology													
Fry and fingerling rearing						 							
Any other (pl.specify)						-							
TOTAL	04	26	_	36	04		04	40		40			
IUIAL	04	36	-	30	04	-	04	40	-	40			

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

	N6					No. o	f Participa	nts		
Area of training	No. of Courses		General			SC/ST			Grand Total	
	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	02	19	-	19	01	-	01	20	-	20
inputs										
Planting material										
production										

Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance										
of farm machinery and										
implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality										
animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and										
processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	02	19	-	19	01	-	01	20	-	20

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

	No. of					ipants				
Area of training	Courses	37.1	General	TD 4.1	37.1	SC/ST	70.41	363	Grand Total	m . 1
Nursery Management of		Male	Female	Total	Male	Female	Total	Male	Female	Total
Horticulture crops										
Training and pruning of										
orchards Protected cultivation of										
vegetable crops Commercial fruit										
production										
Integrated farming	04	26		26	0.4		04	40		40
Seed production	02	36	-	36 19	04	-	_	40	-	40
Production of organic	02	19	-	19	01	-	01	20	-	20
inputs										
Planting material										
production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance										
of farm machinery and										
implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality										
animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and										
processing technology										
Fry and fingerling rearing										
Any other (pl. specify)										
TOTAL	06	55		55	05		05	60		60
IUIAL	00	33	-	33	05	-	U5	60	-	60

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

Area of training	No. of				No.	of Particip	oants			
The of training	Courses		General			SC/ST		Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
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 (pl.specify)										
TOTAL										

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

					No.	of Particin	oants			
Area of training	No. of		General			SC/ST		(Grand Tota	al
	Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management	02	19	-	19	01	•	01	20	-	20
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs	01	09	-	09	01	•	01	10	-	10
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
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 (pl.specify) Plant Breeding	06	48	-	48	12	-	12	60	-	60
Any other (pl.specify) Agro forestry	01	10	-	10	-	-	-	10	-	10
TOTAL	10	86	-	86	14		14	100	-	100

$Training \ programmes \ for \ Extension \ Personnel \ including \ sponsored \ training \ programmes \ - \ CONSOLIDATED \ (On + Off \ campus)$

Area of training	No. of	No. of Participants										
1	Courses		General		SC/ST			Grand Total				
		Male	Female	Total	Male	Female	Total	Male	Female	Total		
Productivity enhancement in field crops												
Integrated Pest Management												
Integrated Nutrient management	02	19	-	19	01	•	01	20	-	20		
Rejuvenation of old orchards												
Protected cultivation technology												
Production and use of organic inputs	01	09	-	09	01	-	01	10	-	10		
Care and maintenance of farm machinery and implements												
Gender mainstreaming through SHGs												

Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
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 (pl.specify) Plant Breeding	06	48	-	48	12	-	12	60	-	60
Any other (pl.specify) Agro forestry	01	10	-	10	-	-	-	10	-	10
TOTAL	10	86	-	86	14	-	14	100	-	100

Table. Sponsored training programmes

	No. of	No. of Tarticipants										
Area of training	Courses		General			SC/ST			Grand	d Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total		
Crop production and management												
Increasing production and productivity of crops												
Commercial production of vegetables												
Production and value addition												
Fruit Plants												
Ornamental plants												
Spices crops												
Soil health and fertility management												
Production of Inputs at site												
Methods of protective cultivation												
Others (pl. specify)												
Total												
Post harvest technology and value addition												
Processing and value addition												
Others (pl. specify)												
Total												
Farm machinery												
Farm machinery, tools and implements												
Others (pl. specify)												
Total												
Livestock and fisheries												
Livestock production and management												
Animal Nutrition Management												
Animal Disease Management												
Fisheries Nutrition												
Fisheries Management												
Others (pl. specify)												
Total												
Home Science												
Household nutritional security												
Economic empowerment of women												
Drudgery reduction of women												
Others (pl. specify)												
Total												
Agricultural Extension												
Capacity Building and Group Dynamics												
Others (pl. specify)												
Total												
GRAND TOTAL												
Canada I Cara	1				·	l		ı	l	<u> </u>		

Name of sponsoring agencies involved

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

	No.					No. of	f Participan	ts		
Area of training	of Cour		General			SC/ST			Grand Total	
	ses	Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and										
management										
Commercial floriculture										
Commercial fruit										
production										
Commercial vegetable										
production										
Integrated crop										
management										
Organic farming										
Others (pl. specify)										
Total										
Post harvest technology										
and value addition										
Value addition										
Others (pl. specify)										
Total										
Livestock and fisheries										
Dairy farming										
Composite fish culture										
Sheep and goat rearing										
Piggery										
Poultry farming										
Others (pl. specify)										
Total										
Income generation										
activities										
Vermicomposting										
Production of bio-agents,										
bio-pesticides,										
bio-fertilizers etc.										
Repair and maintenance of										
farm machinery										
and implements										
Rural Crafts										
Seed production										
Sericulture										
Mushroom cultivation										
Nursery, grafting etc.										
Tailoring, stitching,										
embroidery, dying etc.										
Agril. para-workers, para-										
vet training										
Others (pl. specify)										
Total										
Agricultural Extension										
Capacity building and										
group dynamics										
Others (pl. specify)										
Total										
Grand Total					1					

IV. Extension Programmes

1 v. Extension r rogrammes										
Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL						
Advisory Services	-	-	-	-						
Diagnostic visits	24	280	-	280						
Field Day										
Group discussions										
Kisan Ghosthi	-	-	-	-						
Film Show	21	440	-	440						
Self -help groups	-	-	-	-						
Kisan Mela	-	-	-	-						
Exhibition	-	-	-							
Scientists' visit to farmers field	208	1960	-	1960						
Plant/animal health camps	-	-	-	-						
Farm Science Club	-	-	-	-						
Ex-trainees Sammelan	-	-	-	-						
Farmers' seminar/workshop	-	-	-	-						
Method Demonstrations	-	-	-	-						
Celebration of important days	08	504	-	504						
Special day celebration	03	52	-	52						
Exposure visits	-	-	-	-						
Others (pl. specify)										
Visit of farmers & farmers group.	245	1375	-	1375						
Lecture delivered	92	4050	-	4050						
Meeting attended	14	-	-	-						
Total	615	8661	-	8661						

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	-
Extension Literature	16
News paper coverage	32
Popular articles	-
Radio Talks	03
TV Talks	-
Animal health amps (Number of animals treated)	-
Others (pl. specify) – Research paper	02
Total	53

		Type of Messages						
Name of KVK	Message Type	Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	33	-	05	02	10	-	50
	Voice only	24	05	12	02	07	-	50
	Voice & Text both	22	02	05	02	10	06	47
	Total Messages	79	07	22	06	27	06	147
	Total farmers Benefitted	2278	52	240	125	920	70	3685

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	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			

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

Production of seeds by the KVKs

Name of the crop		Name of the hybrid		Value (Rs)	Number of farmers
Wheat	PBW - 725	-	291.00	-	Supplied to
Rabi	H.D 3059	-	174.60		NSC Meerut
2020-21					
Paddy Kharif 2021	PB-1509	-	154.70	-	Supplied to NSC Meerut
			620.20		
	Name of the crop Wheat Rabi 2020-21 Paddy Kharif	Name of the variety Wheat PBW - 725 Rabi H.D 3059 2020-21 Paddy Kharif	Name of the crop the cropName of the varietyName of the hybridWheatPBW - 725-RabiH.D 3059-2020-21PB-1509-Paddy KharifPB-1509-	Name of the crop Name of the variety Name of the hybrid Quantity of seed (q) Wheat PBW - 725 - 291.00 Rabi H.D 3059 - 174.60 2020-21 PB-1509 - 154.70 Kharif Rabi PB-1509 - 154.70	Name of the crop Name of the hybrid Quantity of seed (q) Value (Rs) Wheat PBW - 725 - 291.00 - Rabi H.D 3059 - 174.60 - Paddy Kharif 2021 PB-1509 - 154.70 - Rabi H.D 3059 - 154.70 - Paddy Kharif 2021 - 154.70 - Rabi H.D 3059 - 154.70 - Rabi H.D 3059 - 154.70 - Paddy Kharif 2021 - - - Rabi H.D 3059 - 154.70 - Rabi H.D

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial	-	·	, and the second			
Vegetable seedlings						
Fruits						
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species	Poplar	G-48	-	200	3000	04
Others						
Total				200	3000	04

Production of Bio-Products

	Name of the bio-product	Quantity		
Bio Products		Kg	Value (Rs.)	No. of Farmers
Bio Fertilisers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others				
Outers				
m . 1				
Total				

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				

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
Soil	50	50	15	10000.00
Water	-	-	-	-
Plant	-	-	-	-
Manure	-	-	-	-
Others (pl.specify)	-	-	-	-
	-	-	-	-
Total	50	50	15	10000.00

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC
Moradabad-I	01	24-11-2021

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	Number
Books	-
Technical bulletins	-
Research Paper	02
Lead Papers	-
Book Chapters	-
Popular Articles	-
Newsletters	-
Technical reports	07
Others (pl. specify) Extension	16
Literature	

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

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

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

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds		
Pulses		
Cereals		
Vegetable crops		
Tuber crops		
Total		

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No.of participants		
Total				

Animal health camps organised

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

Seed distribution in drought hit states

Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Total			

Large scale adoption of resource conservation technologies

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

Awareness campaign

	Meetings		Gosthies Fi		Field	Field days Fa		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	
Total													

XIII. DETAILS ON HRD ACTIVITIES

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

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

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

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

XIV. CASE STUDIES

Reported success stories of farmers for doubling the income (DFI) of 110 farmers & submitted to ICAR-ATARI, Kanpur.

XIV. AGRICULTURAL TECHNOLOGY INFORMATION CENTRE

A. Details on ATICs

S. No	Name of the	Name of the Host	Name of the ATIC Manager
	ATIC	Institute	
01	KVK	SVP Univ of Agri &	Dr Sukhdev Singh
		Tech, Meerut	

B. Details on Farmer's visit

S. No	Purpose of visit	Number of farmer's visited
01	Technology Information	50
02	Technology Products	50
03	Others if any pl. specify	-

C. Facilities in the ATIC which are in operation

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

D. Technology information provided

D.1. Details on technology information

S. No	Inform ation categor y	Number of ATICs	Total number of farmers benefitte d			Category	of information	1		
				Varieti es / hybrids	Pest management	Disease management	Agro- techniques	Soil and water conser vation	Post Harvest technolo gy and Value addition	Animal Husba ndry and fisherie s
01	Kisan Call Centre / other Phone calls from farmers									
02	Video	01	20	-	-	-	-	-	01	-

	shows									
03	Letters receive d	-	-	-	-	-	-	-	-	-
04	Letters replied	-	-	-	-	-	-	1	-	-
05	Trainin g to farmers / technoc rats / students	-	-	-	-	-	-	-	-	-
06	Others pl. specify	01	-	01	-	-	-	-	-	-

D.2. Publications (Print & Electronic media)

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

E. Technology Products provided

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

F. Technology services provided

S. No	Particulars	Number of farmers benefited
01	Soil and water testing	90
02	Plant diagnostics	280
03	Details about the services to line Departments	4050
04	Others if any (please specify)	-

XV. TECHNOLOGICAL BACKSTOPPING BY DIRECTORATES OF EXTENSION

States covered:

Number of Directorates of Extension:

A. Details on Directors of Extension

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

B. Workshops / meetings organized

S. No.	Details of workshop/meeting conducted	No. of KVKs participated

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

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

D. Overseeing of KVKs activities

S. No.	Particulars Number of fields visited		Major observations / remarks	Major suggestions given
01	On Farm Trials			
02	Front Line			
	Demonstration			
03	Others pl. specify			

E. Publication on Technology inventory

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

F. Technological Products provided to KVKs

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

XVI Achievement of Special programmes

Achievement of skill development training funded by DAC&FW

S. No.	Name of QP/Job role	Duration	No. of		No. of Partici			pants		
		(hrs)	Courses	SCs	/STs	,	hers	· ••• ·····	otal	TOTAL
			Organised	Male	Female	Male	Female	Male	Female	
1	Agriculture Extension Service Provider	200								
2	Agriculture Machinery Demonstrator	200								
3	Agriculture Machinery Operator	200								
4	Agriculture Machinery Repair and	200								
	Maintenance Service Provider	200								
5	Animal Health Worker	300								
6	Aquaculture Technician	200								
7	Aquaculture Worker	200								
8	Aquarium Technician	200								
9	Artificial Insemination Technician	400								
10	Assistant Gardener	200								
11	Beekeeper	200								
12	Brackwishwater Aquaculture Farmer	210								
13	Broiler Farm Worker	200								
14	Citrus Fruit Grower	200								
15	Community Service Provider	200								
16	Dairy Farmer - Entrepreneur	200								
17	Fish Seed Grower	210								
18	Floriculturist - Open cultivation	200								
19	Floriculturist - Protected cultivation	200								
20	Forest Nursery Raiser	200								
21	Freshwater Aquaculture Farmer	200								
22	Friends of Coconut Tree	200								
23	Greenhouse Operator	200								
24	Group Farming Practitioner	200								

25	Harvesting Machine Operator	200				
26	Hatchery (Fishery) Production Worker	200				
27	Layer Farm Worker	200				
28	Mango Grower	200				
29	Medicinal Plants Cultivator	200				
30	Micro Irrigation Technician	200				
31	Mushroom Grower	200				
32	Nursery Worker	200				
33	Organic Grower	200				
34	Ornamental Fish Technician	200				
35	Packhouse Worker	200				
36	Quality Seed Grower	200				
37	Seed Processing Plant Technician	200				
38	Sericulturist	200				
39	Service and Maintenance Technician-Farm Machinery	205				
40	Shrimp Farmer	240				
41	Small poultry farmer	240				
42	Soil & Water Testing Lab Analyst	240				
43	Soil & Water Testing Lab Assistant	200				
44	Supply Chain Field Assistant	200				
45	Tea Plantation Worker	200				
46	Tractor Operator	200				
47	Vermicompost Producer	200				
	TOTAL					

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

a) CRM Machinery procured by KVKs

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

b) IEC activities organized under CRM Project by KVKs

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

b) Other IEC activities organized under CRM Project by KVKs

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

3) Achievement of TSP (Tribal Sub Plan)

Farmer	0 ;		Fraining Women Farmer Training												ouths	Exter Perso	nsion onnel	Nu	mber o invol	f farmers ved	ii (.º	of	of erial ukh)	of ains akh)	of S akh)	oil, ıt, ples)
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 agroadvisory to farmers	Participants i extension activities (No	Production seed (q)	Production Planting mate (Number in la	Production of Livestock stra	Production fingerlings (Number in la	Testing of Sc water, plan manures samp (Number)										
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 ining		en Farmer aining	Rural	Youths		ension sonnel	Numbe	er of farmer	s involved	in ities	pees	of rrial ıkh)	of tins tkh)	of mber	water, res lber)
No. of Trainings/Dem	No. of Farmers	No. of Trainings/Dem os	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 (q)	Production Planting mate (Number in la	Production Livestock stra (Number in Ia	Production fingerlings (Nu in lakh)	Testing of Soil, plant, manu samples (Num

6) Achievement under IFS KVKs

S1.	IFS (Component Name)	No. of IFS	Area (ha)	Number o	f Activities	No. of farmers benefited		
No.		established		Demo	Training	Demo	Training	
1								
2								
3								

7) Achievements under Mera Gaon Mera Gaurav (MGMG) project

No. of institutes/	Total No of	No. of Scientists	No. of villages	No. of field	No. of messages/	Farmers benefited
universities involved	Groups/team	Involved	covered	activities	advisory sent	(No.)
	formed			conducted	_	

8) Achievements of Farmers FIRST programme

NRM Module Crop Module No Farm Demon No F		Module	Horticulture Module		Livestock & Poultry			IFS Model		Extension Activities		
Demon No Farm Demon No Farm		No Farm Families	Demon.	No Farm Families	Demon. No Farm No of Families Animals			Demon. No Farm Families		No. of prog Farmers		

9) Activities performed under NARI programme

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

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

Sample	No. of Samples in	No. of Farmers in	No. of Villages in	Amount realized	No. of Soil Health Cards issued
	lakh	lakh	lakh	(Rs. in lakhs)	(lakhs)
Soil	0.0009	0.0009	0.00022	0.18	
Water					
Plant					
Manure					0.0009
Total	0.0009	0.0009	0.00022	0.18	0.0009

11) Achievements under NICRA Project

NRM		Crop production		Live	stock & Fishe	eries	Capacity	Building	Extension Activities	
Demo	Area (ha)	Demo	Area (ha)	Demo	Area (ha)	No. of animals	No of Courses			Farmers
Demo	Area (na)	Demo	Area (na)	Demo	Area (na)	animais	Courses	Farmers	programmes	Far

12) Achievements under ARYA Project

Name of entrepreneurial units	No. of entrepreneurial	No. of Training programs	No. of rura	l youth trained	No. of youth es	stablished 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			

13) Achievements under Rainwater Harvesting Structures

Sr. No.	Activities	Number
1	Training programmes	
2	Demonstration	
3	Plant materials produced	
4	Visit by farmers	
5	Visit by officials	

14) Achievements under Pulses Seed Hub programme

Season/Crop	Name of Pulse crop	Variety	Production		Category of seed	
			Target (q)	Area sown (ha)	Actual Production (q)	(F/S, C/S)
Kharif	Black gram					
	Green Gram					
	Pigeon pea					
Total (Kharif)						
Rabi	Chick pea					
	Field pea					

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

15) NEMA (New Extension Methodologies and Approaches)

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

16) Achievements under CSISA (Cereal System Initiative for South Asia) project

S.No.	Name of Programme	Number/quantity
1	Plantation by paddy uppulling	
2	DSR	
3	Laser leveler	
4	Training	
5	Kisan Mela	
6	Seminar	
7	Seed production (q)	

17) Achievements under NIFTD (National Initiatives for fodder technology demonstrations)

Name of fodder	Variety	Production (q)	Training courses	No. of farmers benefitted

18) Achievements under Swachhata Abhiyan Mission

S.No.	Items	No. of	No. of persons
		Programmes	participated
1	Toilet maintenance		
2	Road, drain cleaning	01	40
3	Garbage disposal	05	269
4	Door to door awareness		
5	Awareness campaign	07	246
6	Nookkad Drama		
7	School Drama		
8	School rally		
9	Writing paining slogans		
10	Composting		
11	Other		

19) 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 husbandry & fish distribution programme	
Vaccination	
Medicine for control of parasite	
Distribution of mineral mixture	
No. of farmers	
Officers/staff involved	

XVI 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.

