Krishi Vigyan Kendra, Moradabad-I

ANNUAL PROGRESS REPORT (January to December 2021)

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	25	10.00	_
Cereals	60	18.00	-
Vegetables	-	-	
Other crops	_	_	_
Hybrid crops	-	-	-
Total	110	38.00	_
Livestock & Fisheries	-	-	-
Other enterprises	_	_	-
Total	-	-	-
Grand Total	110	38.00	-

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	-	04	20
Livestock	-	-	-
Various enterprises	-	-	-
Total	-	04	20
Technology Refined	-	-	-
Crops	-	-	-
Livestock	-	-	-
Various enterprises	-	-	-
Total	-	-	-
Grand Total	-	04	20

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

				Туре	of Messag	ges		
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	

DETAIL REPORT OF APR-2021

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone Office FAX		E mail
			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 31st December, 2021)

SI. No.	Sanctioned post	Name of the incumbent	Design-ation	Subject	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman- ent /Temp- orary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Programme Coordinator	Dr. R.K. Singh	Professor & Head.	Agrl.Extn.	37400- 6700	193800	14-10-2010	Permanent	OBC	9412809032	57	moradabadkvk @gmail.com
2	Subject Matter Specialist	Dr. Hasan Tanveer	SMS/ Asst. Prof.	Plant Breeding	15600- 39100	87300	23-06-2008	Permanent	GEN	9369156642	51	htshahi @yahoo.com
3	Subject Matter Specialist	Dr. Mohan Singh	SMS/ Asst. Prof.	Soil Science	15600- 39100	98200	25-06-2008	Permanent	OBC	9457802593	50	drmsinghkvk@ gmail.com
4	Subject Matter Specialist	Vacant.		Plant protection	-	-	-	-	-	-	-	-
5	Subject Matter Specialist	Vacant.		Agronomy	-	-	-	-	-	-		-
6	Subject Matter Specialist	-		Horticulture	-	-	-	-	-	-	-	-
7	Subject Matter Specialist	Vacant.		Animal Science	-	-	-	-	-	-		-
8	Programme Assistant	Vacant.		-	-	-	-	-	-	-	-	-
9	Computer Programmer	Vacant.		-	-	-	-	-	-	-	-	-
10	Farm Manager	Dr. Hambir Singh	Farm Manager	Plant Breed	44900- 142400	55200	18-08-2007	Permanent	OBC	9759173168	54	
11	Accountant / Superintendent	Sri. Sanjay Kumar Sharma	OS/ Accountant	Accounts	47600- 151100	70000	18-09-2000	Permanent		9412650468	51	sksharmakvk@gmail.com
12	Stenographer	Sri. Ajay Tomar	Stenographer/ computer op.	-	29200- 92300	41600	30-07-2007	Permanent	GEN	8171960800	41	ajaytomarmbd@gmail.com
13	Driver	Sh. Amrish kumar Sharma	Driver		29200- 92300	45400	01.07.1998	Permanent	GEN	9997889985	48	
14	Driver	Vacant	-	-	-	-	-	-	-	-	-	-
15	Supporting staff	Vacant	-	-	-	-	-	-	-	-	-	-
16	Supporting staff	Sri Sarvesh Kumar	Attendant		19900- 63200	28400	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	3.0984
2.	Under Demonstration Units	0.0016
3.	Under Crops	13.200
4. Orchard/Agro-forestry		1.200
5.	Others (specify)	-

1.7. Infrastructural Development:

A) Buildings

		Source	Stage					
S.	Name of	of	Complete			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	-	-	-	-	-	-	-
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	150 hours	Good condition
Bolero Jeep	2007	4.59	182784	Condemn
Motor cycle	2008	0.52	38371	Good condition
Tractor	2005	3.45	3919.4 hours	Transferred to KVK, Amroha

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.	04/12/2020	1.Dr S.K Sachan, Director and Chairman,SAC	i. y{; dk fu/kkZj.k	lq>ko ds vuq:i
		2.Dr R.K Singh,Head/Secretary SAC	Hkk0d`0vuq0ifj0 }kjk	dk;Zokgh dh x;hA
		3.Dr. Satya Praksh, Professor & Head- Horticulture	fu/kkZfjr y{; ds vuqlkj fd;k tk;sA	
		4. Dr. D.K Singh, Professor & Head- LPM	ii. ikS/k fodz; dk y{;	m ku@d`f'k
		5. Dr P.K Singh, Asso. Director Ext.	1/420000 ikS/k 1/2 iwjk	okfudh ,l0,e0,l0
			fd;k tk;sA	dh fu;qfDr gksus ij y{; iwjk fd;k
		6. Shri N.L Gangwar, BSA, Moradabad		tk;sxkA
		7.Dr. Ajay Singh, DCO, Moradabad	i. izFke ifDr iznZ"ku	lq>ko ds vuq:i
		8.Shri Deepak Mendhiratta, Member Farmer	le;kuqlkj vk;ksftr djk;s tk;sA	dk;Zokgh dh x;hA
		9.Shri Rajpal Singh, Member Farner		
		10.Smt. Rubal Todi, Member Farm woman	ii. iz{ks= ijh{k.k esa	m ku@d`f'k
		11. Smt. Sarvesh, Member Farm woman	I;kt dh uohure iztkfr dk ewY;akdu fd;k tk;sA	okfudh ,l0,e0,l0 dh fu;qfDr gksus
		12.Shri C L Yadav, DD Agriculture, Moradabad	, , ,	ij y{; iwjk fd;k
		13.Miss. Ritusha Tewari, DAO Moradabad	iii izFke ifDr iznZ"ku	tk;sxkA m ku@d`f'k
		14.Dr.Manmohan Panday, Dy. CVO Moradabad	esa xktj dh uohure	okfudh ,l0,e0,l0
		15. Shri. Raj Kumar Gupta, CEO (Fisheries)	iztkfr dk iznZ"ku vk;ksftr djk;k tk;sA	dh fu;qfDr gksus ij y{; iwjk fd;k
		Moradabad	VK,KSIII UJK,K IK,SA	tk;sxkA
		16. Shri. Yash Veer Singh, Field Manager, IFFCO	iv epku fof/k Is ICth mRiknu ij izf"k{k.k	m ku@d`f'k okfudh ,l0,e0,l0
		17.Dr Sukhdev Singh,Prof.(Agro-forestry)	vk;ksftr djk;k tk;sA	dh fu;qfDr gksus
		18.Dr HasanTanveer,SMS/Asst.Prof.(Pl.Breeding)		ij y{; iwjk fd;k tk;sxkA
		19.Dr Mohan Singh,SMS/Asst.Prof.(Soil Science)	v. xUus dh Qly ds lkFk	m ku@d`f'k
		20. Dr. Ravindra Kumar Assoc.Director & OIC, KVK,	ICth o iq'i mRiknu dh IgQlyh [ksrh dk	okfudh ,l0,e0,l0 dh fu;qfDr gksus
		Th.	izf"k{k.k vk;ksftr djk;k	ij y{; iwjk fd;k
		21. Dr. Manoj Singh, SMS/Asst.Prof.(Animal Science)	tk;sA	tk;sxkA
		22.Dr Hamveer Singh, FM	i. fo'k; oLrq fo"ks'kK ¼i"kqikyu½ dh fu;qfDr	fo'k; oLrq fo"ks'kK
		23.Dr Devendra Pal, FM KVK, Sambhal	gksus ij cSd;kMZ	1/4i"kqikyu1/2 dh
		24.Shri Munesh Kumar,Progressive Farmer.	iksYV ^a h dk izf'k{k.k vk;ksftr djk;k tk;sA	fu;qfDr gksus ij izf"k{k.k vk;ksftr
		25.Smt. Gargi Rani,Chair Person,NRLM SelfHelp		djk;k tk;sxkA
		Group	i. d`f'k foKku dsUnz	vkj0ds0oh0okbZ0
		26.Shri Ajay Tomar, Steno. KVK, Bilari	dks thi miyC/k djk;h tk;sA	ds vUrZxr izLrko "kklu dks izsf'kr
		27. Shri G.D Devrani, Accountant , KVK, Th.		fd;k x;k Fkk]
		28. Shri Sanjay Sharma, Accountant , KVK, Bilari		fdUrq Lohd`fr izkIr ugh gq;hA
		29.Shri Chitraraj Singh, Progressive Farmer		
		30.Shri Karan Singh, Progressive Farmer		
	l .	<u> </u>	J	1

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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

<u> 2.5 </u>	Poro		
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.	

Total	317919

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

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
1.	Wheat	125107	471153	37-66
2.	Lentil	527	580	11-00
3.	Mustard /Toria	2469	3217	13-03
4.	Paddy (Rice)	98140	316011	32-20
5.	Bajra	3666	6027	16-44
6.	Urd	3928	4580	11-66
7.	Sugarcane	76557	5937761	775-36 1/42020&211/2

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2.5. Weather data

Month	Rainfall (mm) Year 2021	Temperature 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 8December, 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, Poplar, Dairy	Low Productivity of paddy, wheat, mustard, urd etc.	Diversification in agriculture Lack of high yielding varieties
2	Shari Ladda	Bilari	Shari Ladda	Paddy, Wheat, Sugarcane Mentha, Mustard, Poplar, Dairy	Low Productivity of paddy, wheat, mustard, urd etc.	Diversification in agriculture Lack of high yielding varieties.
3	Khanpur	Bilari	Khanpur	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.

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/	IPM in crops
	Oil seeds	IFWIII 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	Main crop	Inter crop	Equivalent	Cost of	Net income(Rs/ha)	B.C:	Remark if
Interventions	Yield(q/ha)	Yield(q/ha)	Yield(q/ha)	cultivation(Rs/ha)*		Ratio	any
Intercropping 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 2021

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)				
Number of OFTs Total no. of Trials			2 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				Number of Number of activities 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				

5	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

		10th 01 0 ps 2, 11 1 1 1 2		•
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. 125:64:51:25:20 N:P:K: Zn:FeSO ₄ Kg/ha.	01	05
integrated Nutrent Management	Wheat	Assessment of different doses of fertilizers on the soil test basis. 153:61:52:25. N:P:K & Zn Kg/ha	01	05
Varietal Evaluation		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
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				
Post Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total			04	20

Summary of technologies assessed under livestock by KVKs

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

Summary of technologies assessed under various enterprises by KVKs

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

I.B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various crops by KVKs

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

Storage Technique				
Others (Pl. specify)				
Total Control				

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 (Rabi 2020-21)

Problem definition	Lower productivity and profitability in wheat cultivation due to imbalance application of nutrients .
Technology assessed	Application of Phosphorus & MOP fertilizer on soil test basis.
or refined	
No. of Farmers	05

KVK, Moradabad conducted on-farm trials on high yielding varieties of wheat under Timely sown condition on soil test basis.

Table: Performance of wheat.

Technology Op	tion	No.of trials	Yield (q/ha.)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T ₁ – Farmers practice						
150:75:40:0:0 N:P:K & Zn	Kg/ha.	05	42.30	-	46412.00	1:2.28
(HD - 2967)						
T ₂ - 150:68:46:20. N:P:K &			49.20	16.54	59930.00	1:2.66
Zn 25 Kg/ha						
Recommendation	The data given in table shows that T _{2 (Use of Phosphorus} & MOP 150:68:46:20					
	N:P:K & Zn 25 Kg/ha) is found best for proper nutrient. This treatment is			atment is		
	able to increase the crop production in comparison to T_1 .					
Farmers reactions	Application of Phosphorus & MOP 150:68:46:20 N:P:K &					
	Zn 25 Kg/ha is very effective to enhancing in wheat yield.					
Date of Sowing &	20-25 Nov. 2020 & 15-20 April 2021					
harvesting						

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VARIETAL EVALUATION (Rabi 2021-22)

Problem definition	Low yield of wheat under late sown condition and use of old variety.
Technology assessed	Evaluation of improved variety of wheat under late sown condition.
or refined	
No. of Farmers	05

KVK, Moradabad conducted on-farm trials on improved variety of wheat under late sown condition.

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					
PBW - 373	05	33.5	-	20200	1:1.42
T ₂ - DBW 90		36.75	9.70	25650	1:1.53

Recommendation	The data showed in table that T_2 (<i>DBW - 90</i>) is more suitable in relation to yield as compared to T_1 . KVK recommend to the farmers of Moradabad area to use DBW – 90 for late sown condition
Farmers reactions	Use of DBW – 90 variety is good for late sown condition.
Date of Sowing & harvesting	05-08 Dec., 2021 & 15-17 April, 2022.

Rate - Rs. 2015/q.

VARIETAL &VALUATION (Kharif 2021)

Problem definition	Low yield and use of old variety.
Technology assessed	Evaluation of high yielding variety of paddy under rice-wheat system
or refined	of cultivation.
No. of Farmers	05

KVK, Moradabad conducted on-farm trial on high yielding variety of paddy under rice-wheat system of cultivation. The result showed that PR - 126 gave higher yield 54.5 q/ha. with net return (Rs.55930/- per ha.).

Technology Option		No.of trials	Yield (Kg/ha)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T ₁ – Farmers practice PD-24		05	48.75	-	46075	1:1.95
T ₂ - PR - 126			54.5	11.79	55930	1:2.12
Recommendation	The data shown in table that T_2 (PR – 126) was higher grain yielder as compare to farmers practice. and recommending that PD-24 variety of paddy may be replace by the variety PR-126.					
Farmers reactions	Use of PR-126 variety of paddy is more beneficial than other variety.					
Date of nursery sowing & harvesting	15-17 June	15-17 June 2021 & 10-12 Oct. 2021				
& narvesting						

INTEGRATED NUTRIENT MANAGEMENT (Kharif 2021)

Problem definition	Low yield of paddy 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

KVK, Moradabad conducted on-farm trials on different doses of fertilizers on the basis of soil test in paddy.

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					
120:60:40:20 N:P:K & Zn Kg/ha.	05	42.82	-	74016	1:2.18
(PB - 1509)					
T ₂ – Soil test bases 125:64:51:25:20 N:P:K: Zn:FeSO ₄ Kg/ha.		48.95	14.07	90470	1:2.94

Recommendation	The data showed in table that T ₂ (Use of fertilizer on soil test basis)
	in paddy crop. T ₂ is found best for proper nutrient. This treatment is
	able to increase the crop production as compared to T ₁ .
Farmers reactions	Application of fertilizers on the basis of soil testing increase the yield
	in paddy crop.
Date of Sowing &	07-10 July. 2021 and 28-31 Oct. 2021
harvesting	

INTEGRATED NUTRIENT MANAGEMENT (Rabi 2021-22)

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

KVK, Moradabad conducted on-farm trials on high yielding variety of wheat on soil test basis.

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

VARIETAL EVALUATION (Rabi 2021-22)

Problem definition	Low yield of wheat under late sown condition and use of old variety.
Technology assessed	Evaluation of improved variety of wheat under late sown condition.
or refined	
No. of Farmers	05

KVK, Moradabad conducted on-farm trials on improved variety of wheat under late sown condition.

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					
PBW - 373	05				
T ₂ - DBW - 90					

Recommendation	
Farmers reactions	
Date of Sowing &	5-8 Dec - 2021
harvesting	

Result awaited.

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2020 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	15	30	15
2	Wheat	Weed manageme nt	Use of Sulfo- Sulfuron 75WP @ 33 gm/ha.	Through training prog., Gosthi, Electronic & Print media, Kisan Mela	200	1000	900
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	80	1700	650
4	Wheat	Promotion of high yielding variety.	To demonstrate the yield potential of new variety –PBW-725	Through training prog., Gosthi, Electronic & Print media, Kisan Mela	50	200 b	120
5	Wheat.	Promotion of improved variety	To demonstrate the yield potential of wheat variety under late sown condition Variety – DBW-71	Through training prog., Gosthi, Electronic & Print media, Kisan Mela	20	50	20

b. Details of FLDs implemented during 2021

Front Line Demonstration on pulses under NFSM FLD - 1 Lentil (Rabi 2020-21)

S.	Crop	Thematic	Technology Demonstrated Season and	Area (ha)		. of farmers monstratio	Reasons for shortfall		
N.	S. 6p	area		year	Proposed	Actual	SC/ST	Others	Total	in achievement
1	Lentil	- ICM	 ICM through improved seed@ 40/ha Sulpher @30/ha Rhizobium culture@200gm/10kg seed 	Rabi 2020- 21	20.0	20.0	09	41	50	N.A.

Details of farming situation

Crop	ason	rming Lation F/Irrig ted)	il type	S	Status of soil		itatus of soil		evious	owing	urvest date	asona ainfall mm)	lo. of ainy tays
	Se	Fa Sitt (RI	So	N	Р	K	Pag	, S	Ha	Ses I rs I)	Ž ½ ō		
Lentil	Rabi 2020-21	Irrigated	Loam	Medium	Low	Medium	Paddy/Bajra	02-08 Nov. 2020	01-06 April, 2021	-	-		

Performance of FLD

	Thematic	Technology		No. of	Area	Demo. Yield q/ha		Demo. Yield q/ha		Demo. Yield q/ha		Demo. Yield q/ha		eld q/ha Yield of local		Increase in	Economics of demonstration (Rs./ha.)				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						
Lentil	- ICM	ICM through improved seed	L - 4717	50	20.0	12.45	11.52	12.15	9.9	22.72	23580	85050	61470	1:3.60	22890	69300	46410	1:3.02						

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a. Technical feedback

1	Uniform maturity & bold grain.
2	Increase the grain yield due to improved & HYV (L- 4717)

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Farmers have give positive response about variety L- 4717 variety of lentil is higher grain yield as compare to local traditional variety.
2	No incidence of blight.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organized	No. of participants	Remarks
1	Field Day	-	-	
2.	Farmers Training	01	20	
3	Media coverage	02	mass	

FLD - 2 Urdbean (Kharif 2021)

S		Thematic	Technology Demonstrated	Season and	Area (ha)		of farmers monstratio		Reasons for shortfall
N		area		year	Proposed	Actual	SC/ST	Others	Total	in 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 2021	10.0	10.0	03	22	25	N.A.

Details of farming situation

Crop	ason	rming uation F/Irrig rted)	oil type	Status of soil		ا جَجَ ا	Sowing	urvest date	asona ainfall mm)	No. of rainy days	
	Š	Farr situ (RF	So	N	Р	K	Pre	S	Ha	Sea I ra (r	ZEO
Urdbean	Kharif 2021	Irrigated	Loam	Medium	Low	Medium	Wheat	31 July., 2021 to 03 Aug.,2021	08-13 Nov, 2021	-	-

Performance of FLD

Cron	Thematic	ematic Technology	hematic Technology No. of Area		-	no. Yield Yield of local		Increase in	Economics of demonstration (Rs./ha.)				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	Indra -1	25	10.0	10.35	9.32	10.32	7.50	37.33	19885	72100	52215	3.62	17980	52500	34520	2.92

a. Technical feedback

1	Uniform maturity & bold grain.
2	Increase the grain yield due to improved & certified variety (Indra – 1)
3	Timely application of insecticide (Imidaclorpid 17.8 SL).
4	No incidence of pod borer due to timely application of insecticide (Imidaclorpid 17.8SL).
5	Very low number of weeds due to timely spraying of Imazathyper 10 EC @ 250 ml/demo.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Farmers gave positive response about variety Indra – 1is higher grain yield as compared to local variety Alankar.
2	Uniform & short day maturity (75-95 days).
3	Low incidence of yellow Mosaic.

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organized	No. of participants	Remarks
1	Field Day	-	-	
2.	Farmers Training	01	20	
3	Media coverage	02	mass	

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 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
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

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: Wheat

	S.	Crop	Thematic	Technology Demonstrated	Season and	Area (ha)		of farmer	Reasons for shortfall	
	N. Clop	area	, and a second	year	Proposed	Actual	SC/ST	Others	Total	in achievement	
1	1	Wheat	Weed management	Use of Sulfo-Sulfuron 75WP @ 33 gm/ha.	Rabi 2020- 21	4.0	4.0	-	10	10	N.A.

Details of farming situation

Crop	ason	arming tuation RF/Irrig ated)	il type		Status of so	il	evious crop	owing date	arvest date	asona ainfall mm)	o. of ainy lays
	Se	Fa Sitt (RI	So	N	Р	К	Pre) S	На	Ses –	2 5 0
Wheat	Rabi 2020-21	Irrigated	Loam	Medium	Low	Medium	Paddy/Urd	16-18 Dec. 2020	17-19 April.2021	-	-

Performance of FLD

	Thema	Tachnology		No. of	Aron	Der	no. Yield q	/ha	Yield of local	Inorogoo in	Econom	nics of demo	nstration (R	s./ha.)	E	conomic (Rs.	s of chec /ha.)	:k
Crop	tic Area	Technology Demonstrated	Variety	Farmers	Area (ha.)	н	٦	Α	Check q./ha	Increase in yield (%)	Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Retur n	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	WM	Use of Sulfo- Sulfuron 75WP @ 33 gm/ha.	PBW-725	10	4.0	45.5	41.75	43.8	41.0	6.59	36436	88935	52505	1:2.44	34667	78925	44257	1:2.27

a.Technical feedback

1	Sulfo Sulfuron 75 WP is more effective to weed control over to control plot up to 91.30%.
2	Due to timely management of weed, the grain yield has been increased up to 6.58% over to control.

b. Farmers reaction on specific technologies

S. N.	Feedback
1	Farmers are convinced the grain yield has been increased due to timely weed management.
2	Minimized the weed infestation.

c. Extension and Training activities under FLD

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

FLD - 2 Soil Science : Wheat

S.	Crop	Thematic	Technology Demonstrated	Season and	Area (I	na)		of farmers monstratio		Reasons for shortfall
N.	0.00	area	Todamology Domolionation	year	Proposed	Actual	SC/ST	Others	Total	in achievement
1	Wheat	INM	Use of water soluble fertilizers in wheat crop	Rabi 2020- 21	6.0	6.0	04	11	15	

Details of farming situation

Crop	ason	rming Lation F/Irrig ted)	il type	S	tatus of soil	of soil evious		wing	arvest date	easona rainfall (mm)	No. of rainy days
	Se	Far situ (RF	Soi	N	Р	K	Pre	So	H	Ses –	ZEO
Wheat	Rabi 2020- 21	Irrigated	Sandy Ioam and Ioam	Medium	Medium	Medium	Paddy	25.11.20 to 28.11.20	10.04.21 to 15.04.21	-	-

Performance of FLD

	Thematic	Technology		No. of	Area	Dem	o. Yield o	q/ha	Yield of	Increase in	Eco	nomics of c (Rs./		tion			nics of c Rs./ha.)	heck
Crop	Area	Demonstrated	Variety	Farmers	(ha.)	н	L	A	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	INM.	Use of water soluble fertilizers in wheat crop	HD - 2967	15	6.0	49.41	48.29	48.92	40.80	19.90	37180	96617	59437	1:2.59	36118	80580	44462	1:2.23

Sale rate – Rs. 1975 per quintal

gVsxhA

a. Technical feedback

S. N	0	Feed Back
1		Spray of water soluble fertilizer 18:18:18 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 18:18:18 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	Remarks	
1.	Farmers Training	02		
2.	Media coverage	01	mass	

FLD - 3

Soil Science : Paddy

S.	Crop	Thematic area	Technology Demonstrated	Season and	Area (h	na)		. of farmers monstratio	Reasons for shortfall	
N.	Стор		. co.m.c.ogy Domonotiated	year	Proposed	Actual	SC/ST	Others	Total	in achievement
1	Paddy	INM	Use of water soluble fertilizers in Paddy crop	Kharif 2021	6.0	6.0	01	14	15	

Details of farming situation

	otatio of farming ottation													
Crop	Season	Farming situation (RF/Irrig ated)	Soil type	S	tatus of soil		evious	owing date	nrvest date	asona ainfall mm)	No. of rainy days			
				N	Р	K	Pre C		Hai	Sea I rai	No rai			
Paddy	Kharif 2021	Irrigated	Sandy Ioam and Ioam	Medium	Medium	Medium	Wheat	05-07 July 2021	27-31 Oct. 2021	-	-			

Performance of FLD

Сгор		Technology Demonstrated	Variety	No. of Farmers	Are a (ha.)	Demo. Yield q/ha			Yield of		Economics of demonstration (Rs./ha.)				Economics of check (Rs./ha.)				
	Thematic Area					H	L	Α	local Chec k q./ha	Chec 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	48.94	47.51	48.92	42.85	14.16	47980	136976	88996	1:2.85	46350	119980	73630	1:2.58	

FLD - 4 Soil Science : Sugarcane

S.	Crop	Thematic	Technology Demonstrated	Season	Area (h	na)		. of farmers monstratio		Reasons for shortfall in
N.	0.04	area	. commonegy 2 amonomatica	and year	Proposed	Actual	SC/ST	Others	Total	achievement
1		INM	Nutrient management through							-
	S.cane		water soluble fertilizers (18:18:18) N:P:K in S.cane @ 13.75 Kg/ha .	2022	6.0	6.0	02	13	15	

Crop	ason	rming uation F/Irrig ited)	il type		Status of soil		evious crop	owing date	larvest date	asona ainfall mm)	No. of rainy days
	Se	Fa situ (RI	Soil	N	Р	K	Pre	SS	<u> </u>	Ses –	Z = 0
S.cane	Zaid 2020	Irrigated	Sandy loam and loam	Medium	Medium	Low	Wheat	09-20 Feb. 2020	20-28 March. 2021	-	-

Performance of FLD

	Thematic	Technology		No. of	Area	Dem	o. Yield	q/ha	Yield of local	Increase	Ecor	nomics of d (Rs./l		tion	E	conomics (Rs./h		
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 (18:18:18) N:P:K in S.cane @ 13.75 Kg/ha.	Cos - 0238	15	6.0	962.10	755.20	958.44	790.50	21.24	85980	311493	225513	1:3.62	84810	256912	172102	1:3.02

Selling rate - Rs. 325/ per quintal

FLD - 5 Soil science : Sugarcane

S.	Crop	Thematic	Technology Demonstrated	Season	Area (I	na)		. of farmers monstratio		Reasons for shortfall in
N.	5.34	area	,	and year	Proposed	Actual	SC/ST	Others	Total	achievement
1	S.cane	INM	- Nutrient management through Sulphur @ 30 Kg/ha. in S.cane	Zaid 2020	6.0	6.0	-	15	15	-

Crop	ason	rming Lation F/Irrig ted)	il type		Status of soil		evious	wing	ırvest late	asona ainfall mm)	No. of rainy days
	Se	Fal sitt (RF	Soi	N	Р	К	Pre	So	Ha	Sea Ira	ŽĽŌ
S.cane	Zaid 2020	Irrigated	Sandy loam and loam	Medium	Medium	Low	Wheat	08-21 Feb. 2020	18-28 March. 2021	-	-

Performance of FLD

	Thomatic	Toohnology		No. of	Aros	Dem	o. Yie	ld q/ha	Yield of	Ingraga in	Econom	nics of demo	nstration (F	Rs./ha.)	I	Economics of (Rs./ha		
Crop	Thematic Area	Technology Demonstrated	Variety	Farmers	Area (ha.)	Н	L	Α	local Check q./ha	Increase in 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	6.0	9.62	7.82	958.86	789.80	21.40	85550	311630	226380	1:3.64	83750	226685	72935	1:3.06

Selling rate – Rs. 325 per quintal

FLD - 6 Soil Science : Wheat

S.	Crop	Thematic	Technology Demonstrated	Season and	Area (l	ha)		of farmers		Reasons for shortfall
N.	0.56	area	Tomas gy _ omenouses	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	ason	rming Lation F/Irrig ted)	il type	S	tatus of soil	l	evious	owing late	arvest date	asona ainfall mm)	No. of rainy days
	တ္တ	Fa Situ (RF	So	N	Р	K	Pre c	S _o	Hs	8 – si –	Z = 0
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

						Dem	o. Yield o	η/ha	Yield	Increa	Econo	omics of (Rs.	demonst	ration			mics of c (Rs./ha.)	heck
Crop	Thematic Area	Technology Demonstrated	Variety	No. of Farmers	Area (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. No	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 uation F/Irrig rted)	il type		Status of soil		evious crop	owing date	ırvest date	asona ainfall mm)	No. of rainy days
	Se	Situ (RI	S	N	Р	K	Pre	SS o	На	Sea I ra	N E B
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													

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 crop	owing date	arvest date	asona ainfall mm)	No. of rainy days
	S	Fa situ (RI	So	N	Р	K	Pre	S S	Ha	Ses I ra (r	Z = 0
S.cane	Zaid 2020	Irrigated	Sandy loam and loam	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 of (Rs./ha		
Crop	Area	Demonstrated	Variety	Farmers	(ha.)	н	L	Α	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														

FLD - 7
Plant Breeding: Wheat

S.	Crop	Thematic	Technology Demonstrated	Season and	Area (l	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.

Crop	ason	rming Lation F/Irrig ted)	il type		Status of soi	I	evious	owing late	arvest date	asona ainfall nm)	lo. of rainy days
	Š	Far situ (RF	Soil	N	Р	К	Pre	S S S	Ha	Sea I rai (m	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 d	η/ha	Yield of local	Increase in	Econom	ics of demo	nstration (I	Rs./ha.)	Ed	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	e the vield	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 - 8
Plant Breeding: Wheat

S.	Crop	Thematic area	rea Technology Demonstrated		Area (l	ha)	No. of far	Reasons for shortfall in		
N.	Сюр	Thematic area	recinology 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.

Crop	ason	irming uation F/Irrig ited)	oil type		Status of soi	I	evious	owing late	arvest date	asona ainfall nm)	No. of rainy days
	Sea	Fa Situ (RI	So	N	Р	K	Pre	S O	H	Sea rai m	ŽĽŌ
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 Increase in		Economics of demonstration (Rs./ha.)					Economics of check (Rs./ha.)			
Crop	Area	Demonstrated	Variety	Farmers	(ha.)	н	L	Δ Check	Check q./ha	check 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	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

5	6. 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	-	-	

FLD No.: 9

Plant Breeding : Paddy

S.	Crop	Thematic area	Technology	Season and	Are	ea (ha)		lo. of farn Demonstra		Reasons for shortfall in
N.	0.00	Triomatic area	Demonstrated	year	Proposed	Actual	SC/ST	Others	Total	achievement
1	Paddy	Varietal demonstration under Rice-wheat system	To demonstrate the yield potential of Basmati rice under Rice-wheat system of cultivation	Kharif 2021	2.0	2.0	-	10	10	N.A.

Details of farming situation

Crop	op Season	Farming situation (RF/Irrigated)		Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy				
				N	Р	K	СЮР			rannan (mm)	days
Pad	dy Kharif 2021	Irrigated	loam and Sandy loam	Low	Low	Medium	Wheat	10-12 July, 2021	23-25 Oct., 2021	-	-

Performance of FLD

		Technology		No. of	Area	De	emo. Y Qtl/ha		Yield of local	Increase					Ec	Economics of check (Rs./ha.)		
Crop	Thematic Area	Demonstrated	Variety	Farmers	(ha.)	н	L	Α	Check Qtl./ha	in yield (%)	Gross Cost	Gross Return	Net return	BCR (R/C)	Gross Cost	Gross Return		BCR (R/C)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Paddy	Vareital demonstration under Rice-wheat system	To demonstrate the yield potential of Basmati rice under Rice-wheat system of cultivation	Pusa basmati- 1637	10	2.0	35.5	39.5	37.5	32.5	15.38	54300	108750	54450	1:2.00	53500	100750	47250	1:1.88

Selling rate –Pusa basmati 1121 Rs. 3000 per quintal, Pusa basmati 1637 Rs. 2900 per quintal

a. Technical feedback

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

b. Farmers reaction on specific technologies

S. N.	Feedback						
1	Variety Pusa basmati 1637 is higher grain yielder as compared to Pusa Basmati - 1121.						
2	Variety Pusa basmati 1637 is having good yield potential.						

c. Extension and Training activities under FLD

S.No.	Activity	No. of activity organised	No. of participants	Remarks
1.	Farmers Training	01	20	
2.	Training for extension functionaries	01	10	
3.	Field Day	-	-	

FLD - 10 Plant Breeding: Wheat

S.	Crop	Thematic area	Technology Demonstrated	Season	Area (ha)	No. of far	mers/ Demo	onstration	Reasons for shortfall in
N.	Сюр	Thematic area	reciniology 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 new wheat variety under timely sown condition Variety – DBW - 222	Rabi 2021-2022	2.0	2.0	-	10	10	N.A.

Crop	ason	rming uation F/Irrig rted)	il type		Status of soi	ïl	evious	wing	ırvest late	easona rainfall (mm)	No. of rainy days
	Se	Fag Sift (RF	Soil	N	Р	K	Pre c	So	На	8 – 8 –	Zzo
Wheat	Rabi 2021- 22	Irrigated	Sandy loam	Low	Medium	Medium	Paddy	17.11.2021 to 21.11.2021	-	-	-

Performance of FLD

	Thematic	Technology		No. of	Area	Der	no. Yie	d q/ha	Yield of local	Increase in	Econon	nics of demo	nstration (Rs./ha.)	i	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 timely sown condition	To demonstrate the yield potential of new wheat variety under timely sown condition.	DBW - 222															

FLD - 11 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	recinology 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	01	09	10	N.A.

	Crop	ason	rming uation F/Irrig ited)	il type		Status of soi	I	evious	owing date	arvest date	easona rainfall (mm)	No. of rainy days
		Se	Fa situ (RI	Soi	N	Р	K	Pre	S S	На	8 – 5 – 5 – 5 – 5 – 5 – 5 – 5 – 5 – 5 –	Zºo
•	Wheat	Rabi 2021- 22	Irrigated	Sandy Ioam	Low	Medium	Medium	Paddy	03.12.2021 to 07.12.2021	-	-	-

Performance of FLD

	Thematic	Technology		No. of	Area	Der	no. Yiel	d q/ha	Yield of local	Increase in	Econon	nics of demo	nstration (Rs./ha.)	E	conomics o (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	DBW - 173															

FLD - 12 Agro forestry: Poplar

S.	Crop	Thematic area	Technology Demonstrated	Season	Area (l	na)		. of farmers monstratio		Reasons for shortfall in
N.	0.56		Toolmology Zomenouales	and year	Proposed	Actual	SC/ST	Others	Total	achievement
1	Poplar	Varietal evaluation	Fast & improved clone of poplar G-48	Zaid 2020	0.4	0.1	-	01	01	-

			1	1			1	ı	•		
Crop	ason	rming Lation F/Irrig Ited)	il type		Status of soil		evious crop	owing date	arvest date	asona ainfall mm)	No. of rainy days
	Se	Farr situs (RF	Soil	N	Р	K	Pre	SS	Ha	S –	2 - 0
Poplar	Zaid 2020	Irrigated	Sandy Ioam and Ioam	Medium	Medium	Low	Paddy	28 Feb. 2020	-	-	-

Performance of FLD

	Thematic	Technology		No. of	Area	Dei	mo. Y q/ha		Yield of local	Increase in	Econoi	mics of demor	stration (R	s./ha.)		Economics of (Rs./ha.		
Crop	Area	Demonstrated	Variety	Farmers	(ha.)	Н	Г	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
Poplar	VE	Fast & improved clone of poplar	G-48	01	0.1													

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

	Thematic	technology		No. of	Area		Yi	eld (q/ha)		% Increase	Econom	ics of demo	onstration ((Rs./ha)		Economics (Rs./	of check ha)	
Crop	Area	demonstrated	Variety	Farmers	(ha)		Dem	10		in yield	Gross	Gross	Net	BCR	Gross	Gross	Net	BCR
					(,	High	Low	Average	Check	, , , , , , , , , , , , , , , , , , , ,	Cost	Return	Return	(R/C)	Cost	Return	Return	(R/C)
Groundnut																		
Sesamum																		
Sesamum																		
Mustard	ICM	Improved seed , sulpher@30kg/ha	RH-749	25	10.0								•					
													İ					
Toria																		
Linseed																		
Sunflower																		
Soybean																		
Goybean																		

^{*} 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		Yi	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	CHECK		Cost	Return	Return	(R/C)	Cost	Return	Return	(R/C)
Pigeonpea																		
Blackgram																		
	- ICM	ICM through improved seed	Indra-1	25	10.0	10.35	9.32	10.32	7.50	37.33	19885	72100	52215	1:3.62	17980	52500	34520	1:2.92
Greengram																		
Chickpea																		
Fieldpea																		
Lentil																		
	ICM	ICM Through improved seed	L-4717	50	20	12.45	11.52	12.15	9.90	22.72	23580	85050	61470	1:3.60	22890	69300	46410	1:3.02
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 (d	q/ha)		%	Other Pa	rameters	Econom	ics of demor	stration (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	Chec k	Change in Yield	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals							ugo												
Paddy																			
	INM.	Use of water soluble fertilizers in paddy crop 19:19:19@12 .5 kg/-ha	15	6.0	48.8	47.9	48.88	42.80	14.20	72.82(No of grains/panicle	58.46(No of grains/panicle)	46250	87984	41734	1:1.90	45715	77040	313 25	1:1. 68
Waterlogged Situation																			
Coarse Rice																			
Coarse Rice		Use of																	
	INM.	water soluble fertilizers in paddy crop 19:19:19@1 2.5 kg/-ha	15	6.0	48.94	47.51	48.92	42.85	14.16	-	-	47980	136976	88996	1:2.85	46350	119980	7363 0	1:2. 58
Scented Rice	Variet al demo nstrati on	To demonstrate the yield potential of basmati rice	10	2.0	35.5	39.5	37.5	32.5	15.38	218 Tillers per sqmt.	188 Tillers per sqmt	54300	108750	54450	1:2.00	53500	1007 50	472 50	1:1. 88
																			1.0.0
Wheat	INM.	Use of water soluble fertilizers in wheat crop	15	6.0	49.41	48.29	48.92	40.80	19.90	-	-	37180	96617	59437	1:2.59	36118	80580	44462	1:2.2 3
Wheat Timely sown																			

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	Weed mana geme nt	Use of Sulfo- Sulfuron 75WP @ 33 gm/ha.	10	4.0	45.5	41.75	43.8	41.0	6.59	20 weeds per square meter	225 weeds per square meter	36436	88935	52505	1:2.44	34667	78925	44257	1:2.27
	Promotin g high yielding variety of wheat	demonstrate the yield	10	2.0	47.5	42.75	45.0	41.25	9.09	6.1 (No. of effective tillers per plant	5.3 (No. of effective tillers per plant	56800	88875	32075	1:1.56	52600	81468	28868	1:1.54
	Promotin g high yielding variety of wheat	demonstrate the yield	10	2.0															
Wheat Late Sown																			
	Promotin g HYV of wheat under late sown condition	the yield potential of wheat variety under late sown	10	2.0	47.1	40.0	42.75	38.25	11.76	5.2 (No. of effective tillers per plant	4.5 (No. of effective tillers per plant	48800	84431	35631	1:1.73	47700	75544	27844	1:1.58
	Promo ting improv ed variety of wheat under late sown conditi on	To demonstrate the yield potential of wheat variety under late sown condition (DBW-173)	10	2.0															
Mandua																			
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Frenchbean Capsicum													
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Okra													
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Cabbage													
Cauliflower													
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Flower crops Marigold													
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Commercial																			
Crops Sugarcane																			
Sugarcane		Nutrient																	
		management																	
		through water																	
		soluble																	
	INM	fertilizers	15	6.0	962.10	755.20	958.44	790.50	21.24	-	-	85980	311493	225513	1:3.62	84810	256912	172102	1:3.02
		(18:18:18) N:P:K in																	
		N.M.N.III S cane @																	
		S.cane @ 13.75 Kg/ha .																	ļ
	INM	Nutrient	15	6.0	9.62	7.82	958.86	789.80	21.40	-	-	85550	311630	226380	1:3.64	83750	226685	72935	1:3.

	management through Sulphur @ 30 Kg/ha. in S.cane										06
	S.cane										
Potato											
Medicinal &											
aromatic plants											
Mentholment							i				
						•					
Kalmegh											
Ashwagandha											
Faddar Crans											
Fodder Crops Sorghum (F)											
Sorgituin (F)											
Cowpea (F)											
				•	•						
Maize (F)											
_											
Lucern											
			<u> </u>								
Berseem											
Del Secili											
Oat (F)											
	 •				 †	<u> </u>					

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

** BCR= GROSS RETURN/GROSS COST

FLD on Livestock

Category	Thematic area	Name of the technology	No. of Farmer	No.of Units (Animal/	Major pa	rameters	% change	Other pa		Econom	ics of dem	onstratio	า (Rs.)	E	conomics (Rs	of check	
		demonstrated		Poultry/ Birds, etc)	Demo	Check	change 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																	
Foultry																	
Sheep & Goat																	
Vaccination																	
<u> </u>						<u> </u>						<u> </u>					

^{*} 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

Catamani	Thematic	Name of the	No. of	No.of	Major pa	rameters	% change	Other pa	rameter	Econo	mics of der	nonstration	n (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									
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																
-																
Maize Sheller																
Maize Sheller																
Value Addition																
Vermi Compost																
								<u> </u>							<u> </u>	

FLD on Women Empowerment

Category	Name of technology	No. of	Name of observations	Demonstration	Check
		demonstrations			

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed obse		% change in major	Labo	r reduction	(man days	5)		Cost reduction		
						(output/man hour) Demo Check		parameter	Land preparation	Sowing	Weeding	Total	Land preparatio n		Irrigatio n	Tota I

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology	No. of Farmer	No. of Units	Yield	(Kg)	% change	Other p	parameters	Eco	nomics of o		ion		Economics Rs./h)		
		demonstrated			Demons ration	Check	in yield	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)

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

				_		Yield (q/h	ıa)			Econo	mics of demo	onstration (Rs./	ha)
Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)		Demo		Check	% Increase in yield	Gross	Gross	Net Return	BCR
	domononatou	varioty		()	High	Low	Average	CHECK	y.o.a	Cost	Return	Net Return	(R/C)
Oilseed crop													
Pulse crop													
Cereal crop													
			•										
													4

Vegetable crop							
vegetable crop							
Fruit crop							
Other (specify)							

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

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Proper	Thematic area	No. of		Participants									
Crop Production		courses				SC/ST							
Weed Management			Male	Female	Total	Male	Female	Total	Male	Female	Total		
Resource Conservation Technologies Crop Piversification Integrated Farming Micro Micro Micro Micro Micro Micro Micro Micro Ministration Argunia Ministration Ministrat	I Crop Production												
Conservation													
Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro													
Irrigation/irrigation Seed production Nursery management Integrated Crop Management Soil & water conservation Integrated nutrient management Production of organic inputs Offers (pl specify) Plant Breeding Offers (pl specify) Offers (pl specify) Offers (pl specify) Offers (pl specify) Production of Invational Offers (pl specify) Production of Specify Offers (pl specify) Total (a) Dispersion Disper													
Seed production													
Nursery management Soil & water conservation Integrated outrient management Soil & water conservation Integrated nutrient management Production of organic inputs Others (pl specify) Plant Breeding Of 102 102 18 18 120 120 140 150 160 170 18 18 120 120 18 18 120 120 18 18 120 120 18 18 120 120 18 18 120 120 18 18 120 120 18 18 120 120 18 18 120 120 18 18 120 120 18 18 120 120 18 18 120 120 18 18 120 120 18 18 120 120 18 18 120 120 18 18 120 120 18 18 120 120 18 18 18 120 120 120 140 140 140 140 140 140 140 140 140 14													
management													
Integrated Crop													
Management													
Conservation Megrated nutrient Management Megrated nutrient Management Megrated nutrient Meg													
Integrated nutrient management Production of organic inputs Others (pl specify) Plant Breeding O6 102 - 102 18 - 18 120 - 120 Total O6 102 - 102 18 - 18 120 - 120 Total THoritulture a) Vegetable Crops Production of low value and high valuene crops Off-season vegetables Paper protectial vegetables Paper potential vegetables Grading and standardization Protective cultivation Others (pl specify) Total (a) b) Fruits Training and Pruning Layout and Management of Orchards Cultivation of Pruit Management of Orchards Rejuvenation of old orchards Rejuvenation of Systems of orchards Rejuvenation of Systems of orchards Plant propagation techniques expetables Caport potential vegetables Caport potential v													
management													
Production of organic inputs													
Orbers (pl specify) Plant Breeding Office (pl specify) Plant Breeding Office (pl specify) Production of low value and high valueme crops Off-season vegetables Export potential vegetables Export potential vegetables Di Fredictive cultivation Office (pl specify) Di Fruits Training and Pruning Layout and Management of Orchards Rejuvenation of old orchards Rejuvenation of old orchards Rejuvenation of old orchards Rejuvenation of specify Richard (pl specify) Richard (pl specify) Richard (pl specify) Rejuvenation of old orchards Rejuvenation of ord orchards Rejuvenation of ord orchards Rejuvenation of specify Richard (pl specify) Richard	management												
Others (pl specify)													
Plant Breeding	organic inputs												
Total			4.5-		4.5-								
II Horticulture a) Vegetable Crops Production of low value and high valume 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 Response po				-						-			
Rejuvenation of Jow value and high valume crops Off-season vegetables Nursery raising Exotic vegetables Export potential vegetables Export potential vegetables Crading and standardization Protective cultivation Others (pl specify) Total (a) D) Fruits Training and Pruning Layout and Management of Orchards Cultivation of Pruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques Plant propagation techniques		06	102	-	102	18	-	18	120	-	120		
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 Orchards Cultivation of Fruit Management of Orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propaguon systems of orchards Plant propaguon systems of orchards Plant propaguon sections and sections and sections and sections and sections are sections and sections and sections are sections and sections and sections and sections are sections and sections and sections are sections and sections and sections are sections are sections and sections are sections and sections are sections are sections and sections are sections are sections are sections are sections and sections are sectio													
value and high valume crops Off-season vegetables Nursery raising Exotic vegetables Export potential vegetables Crading 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 Export potential fruits fruits fruits fruits fruits fruits fruit plant propagation techniques Vegetables	a) Vegetable Crops												
valume 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													
Off-season vegetables Nursery raising Exotic vegetables Export potential vegetables Grading and standardization Protective cultivation Others (pl specify) Total (a) D) 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													
vegetables 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													
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 Export potential fruits Micro irrigation systems of orchards Plant propagation techniques													
Exotic vegetables Export potential vegetables Crading 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													
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													
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	Export potential												
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													
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													
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) 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	Protective												
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													
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													
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													
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													
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	Training 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	Pruning												
Orchards Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques	Layout and												
Cultivation of Fruit Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques													
Management of young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques													
young plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques													
plants/orchards Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques													
Rejuvenation of old orchards Export potential fruits Micro irrigation systems of orchards Plant propagation techniques	plants/orchards												
orchards	Reiuvenation of old												
Export potential fruits Micro irrigation systems of orchards Plant propagation techniques													
fruits Micro irrigation systems of orchards Plant propagation techniques													
Micro irrigation systems of orchards Plant propagation techniques													
systems of orchards Plant propagation techniques	Micro irrigation												
Plant propagation techniques													
techniques	Plant propagation												
Others (pl specify)	techniques												
	Others (pl specify)												

Total (b)	I								1	
c) Ornamental										
Plants										
Nursery										
Management										
Management of										
potted plants										
Export potential of ornamental plants										
Propagation										
techniques of										
Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and										
Management										
technology Processing and										
value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and										
Management										
technology										
Processing and										
value addition										
Others (pl specify) Total (e)										
f) Spices										
Production and										
Management										
technology										
Processing and										
value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and										
Aromatic Plants										
Nursery management										
Production and										
management										
technology (Plant										
Breeding)- Mentha										
Post harvest										
technology and										
value addition										
Others (pl specify)										
Total (g) GT (a-g)										
III Soil Health and										
Fertility										
Management						<u></u>		<u></u>		
Soil fertility										
management										
Integrated water										
management										
Integrated Nutrient	00	20		20	0.4		0.4	40		40
Management Production and use	02	36	-	36	04	-	04	40	-	40
of organic inputs	_	_	_	_	-	_	_	_	_	_
Management of	-	_	_	_		_		_		_
Problematic soils										
Micro nutrient										
deficiency in crops	02	36	-	36	04	-	04	40	-	40
Nutrient Use										
Efficiency										

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		ĺ	l	Ī	Ì	İ	
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							

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 Production										
technologies	02	40	_	40	_	-	_	40	-	40
Nursery										.0
management										
Integrated Farming										
Systems										
Others (pl specify)										
Total	02	40	_	40	_	_	_	40	-	40
GRAND TOTAL	12	214		214	26		26	240	-	240
GRAID IUIAL	14	414	-	414	20	-		240	_	240

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of	Participants									
	courses		Others	1		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)				l					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										
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		ļ								
Integrated Nutrient								_		
Management	01	20	-	20	00	-	00	20	-	20
Production and use								_		
of organic inputs	02	40	-	40	00	-	00	40	-	40
Management of										
Problematic soils										
Micro nutrient										
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										
women empowerment										
Location specific										
drudgery reduction										
technologies										
Rural Crafts										
Women and child										
Others (pl specify)										
Total										
VI Agril.										
Engineering										
Farm Machinary										
and its										

maintenance	i		İ				1
Installation and							
maintenance of							
micro irrigation							
systems							
Use of Plastics in							
farming practices							
Production of							
small tools and							
implements							
Repair and maintenance of							
farm machinery							
and implements							
Small scale							
processing and							
value addition							
Post Harvest							
Technology							
Others (pl specify)							
Total							
VII Plant							
Protection Integrated Pest							
Management							
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	j						

GRAND TOTAL	14	259	-	259	21	21	280	-	280
Total				_					
Others (pl specify)				_					
Systems						 			
Integrated Farming									
management									
Nursery									
technologies									
Production Production									
XI Agro-forestry									
Total									
Others (pl specify)									
issues									
WTO and IPR									
farmers/youths									
Entrepreneurial development of									
social capital									
Mobilization of									
SHGs									
Management of									
Formation and	T								
Group dynamics									
development						 			
Leadership									
Group Dynamics									
Building and									
X Capacity									
Total									
Others (pl specify)									
Apiculture									
Production Production									
feed Mushroom									
fodder Production of Fish									
livestock feed and									
Production of									
implements									
Small tools and						 			
sheets									
colonies and wax									
Production of Bee-									
and fingerlings									
Production of fry									
production									
Organic manures									
Vermi-compost production									
production									
Bio-fertilizer									
production									

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

Thematic area	No. of		041		1		Participants	<u> </u>	G1 m + 1	
	courses	Mala	Others	Total	Mala	SC/S			Grand Total	To4a1
I Crop		Male	Female	Total	Male	Female	Total	Male	Female	Total
Production										
Weed										
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)										
Plant Breeding	12	215	-	215	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					l	'
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 Soil fortility										
Soil fertility										
management Integrated water										
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 10010111111110 50115	l			l			<u> </u>	<u> </u>	l	1

Micro nutrient										
deficiency in crops	04	75	_	75	05	-	05	80	-	80
Nutrient Use										
Efficiency										
Balance use of										
fertilizers	01	20	-	20	00	-	00	20	-	20
Soil and Water	01	07		07	13		13	20		20
Testing Others (pl specify)	01	07	-	07	13	-	13	20	-	20
Total	11	198	-	198	22	_	22	220	_	220
IV Livestock	11	170		170		_	22	220		220
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										
Others (pl specify)										
Others (pl specify) Total										
VI Agril.										
Engineering										
_ingineering						<u> </u>		l .	1]

and its maintenance Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small took and implements Repair and maintenance of farm machinery and implements Small scale processing and vautue addition Post Harwest Technology Others (pl specify) Total VI Plant Protection Integrated Pest Management Integrated Disease Management Integrated Disease Management Bio control of pests and diseases Production of bits control and bits pestivities VII Plant Protection Integrated Disease Management Integrated Disease Management Bio control of pests and diseases Production of bits control and bits pestivities VII Plant Protection Integrated Fish Management Integrated Disease Management Bio control of pests and diseases Production of bits control agents and bits pesticides Others (pl specify) Total VII Pisheries Integrated fish farming Carp breeding and hatchery management Carp fry and fingering rearing Carp breeding and fingering rearing Carp breeding and endure of freshwater prawn Integrated plastic carp hatchery Pen culture of fish and prawn Shrimp farming Edible oyster Latiful Plant Plan		ı	ı	1	i i	i	Ī	ì	i	1 1
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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	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									
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Shrimp farming	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									
Edible oyster farming Pearl culture Fish processing and value addition Others (pl specify) Total IX Production of Inputs at site Seed Production Planting material	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									
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Pearl culture Fish processing and value addition Others (pl specify) Total IX Production of Inputs at site Seed Production Planting material	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									
Fish processing and value addition Others (pl specify) Total IX Production of Inputs at site Seed Production Planting material	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									
and value addition Others (pl specify) Total IX Production of Inputs at site Seed Production Planting material	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									
and value addition Others (pl specify) Total IX Production of Inputs at site Seed Production Planting material	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									
Others (pl specify) Seed Production Planting material Image: Control of planting material	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									
Total	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									
IX Production of Inputs at site Seed Production Planting material	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									
Inputs at site Seed Production Planting material Seed Production	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)									
Seed Production Planting material Planting material	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									
Planting material Planting material	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									
	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									
production	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									
	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									

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 Entrepreneurial										
development of										
farmers/youths										
WTO and IPR										
issues										
Others (pl specify)										
Total										
XI Agro-forestry										
Production										
technologies	02	40	_	40	_	_	_	40	_	40
Nursery	02	40		+0	_	_		40	-	40
management										
Integrated Farming										
Systems Others (pl specify)										
	02	40		40				40		40
Total			-		-	-	-		-	40 520
GRAND TOTAL	26	473	-	473	47	-	47	520	-	520

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

	No. of						of Participa	nts		
Area of training	Courses	Male	General Female	Total	Male	SC/ST Female	Total	Male	Grand Total Female	Total
Nursery Management of		Maie	remaie	Total	Male	remaie	Total	Male	remaie	Total
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		-								
Shrimp farming										
Pearl culture										
Cold water fisheries		-								
Fish harvest and										
processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	04	36	-	36	04	-	04	40	-	40

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

	N. C					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 Courses No. of General SC/ST Grand Total									
Area of training		37.1		TD 4.1	37.1		70.41	363		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	36	_	36	04	_	04	40	_	40
Seed production	02	19	-	19	01	-	01	20		20
Production of organic	02	19	_	19	01	_	01	20	-	20
inputs			1							
Planting material										
production			1							
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							1			
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

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

Area of training	No. of				No.	of Particip	oants			
Tire of training	Courses		General			SC/ST		(Frand Tota	al
		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		No. of Participants									
Area of training	No. of Courses		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		48	-	48	12	-	12	60	-	60	
Any other (pl.specify) Agro forestry		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									
133.11.11	Courses		General			SC/ST		(Grand Tota	al	
		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 Pa	rticipan	ts			
Area of training	Courses		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
Crop production and management											
Increasing production and productivity of crops											
Commercial production of vegetables											
Production and value addition											
Fruit Plants											
Ornamental plants											
Spices crops											
Soil health and fertility management											
Production of Inputs at site											
Methods of protective cultivation											
Others (pl. specify)											
Total											
Post harvest technology and value addition											
Processing and value addition											
Others (pl. specify)											
Total											
Farm machinery											
Farm machinery, tools and implements											
Others (pl. specify)											
Total											
Livestock and fisheries											
Livestock production and management											
Animal Nutrition Management											
Animal Disease Management											
Fisheries Nutrition											
Fisheries Management											
Others (pl. specify)											
Total											
Home Science											
Household nutritional security											
Economic empowerment of women											
Drudgery reduction of women											
Others (pl. specify)											
Total											
Agricultural Extension											
Capacity Building and Group Dynamics											
Others (pl. specify)											
Total											
GRAND TOTAL											
-	1									ı	

Name of sponsoring agencies involved

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

	No.					No. of	f Participan	its				
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												

IV. Extension Programmes

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	-	-	-	1
Ex-trainees Sammelan	-	-	-	1
Farmers' seminar/workshop	-	-	-	1
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

Production of s Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	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
Oilseeds						
Pulses						
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
1 orest opecies						
Others						
Total				620.30		

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				
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	<u> </u>	<u> </u>		
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	90	90	22	18000.00
Water	-	-	-	-
Plant	-	-	-	-
Manure	-	-	-	-
Others (pl.specify)	-	-	-	-
	•	-	-	-
Total	90	90	22	18000.00

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 (No.) Visit by farmers (No.) (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

	Meet	tings	Gost	hies	Field	l days	Farmers fair		Exhibition		Film show	
	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of
		farmers		farmers		farmers		farmers		farmers		farmers
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 ATIC	Name of the Host Institute	Name of the ATIC Manager
01	KVK	SVP Univ of Agri & Tech, Meerut	Dr Sukhdev Singh

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	-	-	-	-	-	-	-	-	-
05	Trainin g to farmers / technoc rats / students	-	-	-	-	-	-	-	-	-
06	Others pl. specify	01	-	01	-	-	-	1	-	1

D.2. Publications (Print & Electronic media)

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

E. Technology Products provided

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

F. Technology services provided

S. No	Particulars	Number of farmers benefited
01	Soil and water testing	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	KVK	s for wh	ich tech	nologio	cal backstopping is provided
		LACISION	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

1) 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		Ot	hers	Total		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									
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	Training		n Farmer iining	Rural Y	ouths	Exter Perso	nsion onnel	Nu	mber o invol	f farmers ved	ii (.º	Jo	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		oduction seed (q)	oduction seed (q) oduction nting mate	Production Livestock stra (Number in la	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	f ja		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)		on o nate n la	Production of Livestock stra (Number in la	Production of fingerlings (Nu in lakh)	Testing of Soil, plant, manus 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	J	, ,

8) Achievements of Farmers FIRST programme

NRM :	NRM Module Crop Module		Horticulture Module		Livestock & Poultry		IFS Model		Extension Activitie			
Demon.	No Farm Families	Demon.	No Farm Families	Demon.	No Farm Families	Demon.	No Farm Families	No of 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 lakh	No. of Farmers in lakh	No. of Villages in lakh	Amount realized (Rs. in lakhs)	No. of Soil Health Cards issued (lakhs)
Soil	0.0009	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		Livestock & Fisheries			Capacity Building		Extension Activities	
Demo	Area (ha)	Demo	Area (ha)	Demo	Area (ha)	No. of animals	No of Courses	Farmers	No. of programmes	Farmers
Dellio	Alea (lla)	Demo	Alea (lla)	Demo	Alea (IIa)	aiiiiidis	Courses	raimers	programmes	1 all

12) Achievements under ARYA Project

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

Duck farming			
Bee keeping			
Others if any			

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				

15) NEMA (New Extension Methodologies and Approaches)

N 46 H	N. 6.11.4.4.4	No. of Villages selected	N CPL 1	3.7	
Name of Crop with variety	No. of districts	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

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

