KRISHI VIGYAN KENDRA, AMBEDKAR NAGAR PROFORMA FOR PREPARATION OF ANNUAL REPORT (Jan. to December 2022)

APR SUMMARY

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

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total
	0.1	2110	410	participants
Farmers & farm women	91	2118	410	2528
Rural youths	10	274	44	318
Extension functionaries	9	224	1	225
Sponsored Training	12	331	169	500
Vocational Training	19	526	121	647
Total	141	2925	745	4218

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	116	40.0	
Pulses	234	60.0	
Cereals	63	16.5	
Vegetables	28	1.52	
Other crops	45	2.0	
Hybrid crops			
Total	486	120.02	
Livestock & Fisheries	158		282
Other enterprises	37		37
Total	195		319
Grand Total	681	120.02	319

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	8	8	40
Livestock	2	2	10
Various enterprises	2	2	10
Total	12	12	60
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	12	12	60

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	748	52759
Other extension activities		
Total	748	52759

5. Mobile Advisory Services

		Type of Messages						
Name of KVK	Message Type	Crop	Livesto ck	Weathe r	Marke -ting	Awar e- ness	Othe r enter prise	Total
	Text only	59	11	32		46		138
	Voice only							
	Voice & Text both							
	Total Messages	59	11	32		46		138
	Total farmers Benefitted							123264

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	102	3,56,120
Planting material (No.)	37960	36750
Bio-Products (kg)		
Livestock Production (No.)	600	113100
Fishery production (No.)	279	3780

1

7. Soil, water & plant Analysis

	Samples	No. of Beneficiaries	Value Rs.
Soil	462	2014	-
Water			
Plant		2014	-
Total	462		

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	
		4
2	Conferences	5
3	Meetings	10
4	Trainings for KVK officials	4
5	Visits of KVK officials	4
6	Book published	1

7	Training Manual	4
8	Book chapters	4
9	Research papers	6
10	Lead papers	-
11	Seminar papers	2
12	Extension folder	4
13	Proceedings	1
14	Award & recognition	2
15	Ongoing research projects	1

DETAIL REPORT OF APR-2022

1. GENERAL INFORMATION ABOUT THE KVK

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

Till I faille alla ac	COD OF TE VIE	*******	phone, run una e mun	
Address	Telephone		E mail	Website
Krishi Vigyan	Office	FAX	pckvkambedkarnagar@gmail.com	Ambedkarnagar.kvk4.in
Kendra Village-	05271-			
Panti Post-	216664			
Manshapur	Mo-			
Distt	9918622745			
Ambedkarnagar-				
224168				

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

Address Telephone E mail Website	
Office FAX	
Directorate of Extension, NDUAT Kumarganj, Faizabad-224229 (U.P.) 05270- 262821 denduat@gmail.com www.nduat.ac.iv	_

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

10.11 tame of the 110gramme Coordinator with phone of mobile 10					
Name		Telephone / Contact			
	Residence	Mobile	Email		
Dr. Ram Jeet		9918622745	pckvkambedkarnagar@gmail.com		

1.4. Year of sanction: May, 2010, F.No. ZPD/5[80]/2010

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discip-line	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman- ent / Temp- orary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age (yr)	Email Id
1	Senior	Dr.	Senior Scientist/Head	Gentics and Plant	37400-	153200		Permanent	SC	9918622745		
	Scientist and	Ram Jeet		Breeding	67000							
	Head						1st July.2018				45	pckvkambedkarnagar@gmail.com
2	C. L M		CMC Asimil		27.400	4.7000	•	D	OBC	0455052222	43	pckvkambedkarnagar@gman.com
2	Subject Matter	Dr. Vidya	S.M.S., Animal	Animal	37400-	147900	1st Aug.	Permanent	OBC	9455053228		
	Specialist	Sagar	Science	Science	67000		2012				49	vsnduat72@gmail.com
3	Subject Matter	Dr. Pradeep	S.M.S., Plant	Plant	15600-	98200	1st July,	Permanent	OBC	9415728438		
	Specialist	Kumar	Pathology	Pathology	39100		2012				54	pkumarcdmr@gmail.com
4	Subject Matter	Dr.Ram	S.M.S., Agronomy			71100		Permanent		9793130452		
	Specialist	Gopal					12-5-2022					
		Yadva		Agronomy							46	ramgopalkvk20875@gmail.com
5	Subject Matter		S.M.S., Agriculture	Agriculture		71100		Permanent	SC			
	Specialist	Dr.Rekha	Extension	Extension			21-5-2022				37	
6	Subject Matter	Dr. Prveen	S.M.S., Vegetable			56100		Permanent	OBC	9721561080		
	Specialist	Kumar	Science	Vegetable								
		Maurya		Science			18-5-2022				29	mauryapraveenbckv@gmail.com
7	Subject Matter											
	Specialist	Vacant										
8	Programme											
	Assistant	Vacant										
9	Computer	Smt. Shashi	Programme		9300-	37600	1st Sept. 21	Permanent				
	Programmer	Prabha	Assistant/Computer	Computer	34800							
		Anand		Science							32	
10	Farm Manager	Dr. J.P.	Programme	Vegetable	9300-	66000	1st Sept. 22	Permanent		9651265298		
		Ram	Assistance/ Farm	Science	34800							
			Manager								47	
11	Accountant /	Sri. Suresh	Accountant /		9300-	52000	17th Mar.	Permanent	GN	9454471922		
	Superintendent	Pratap	Superintendent		34800		2016					sureshosnduat@gmail.com
	_	Singh	_								27	
12	Stenographer	Sr.Gangesh	Computor Operator	Computer	5200-	2550	02 nd	Permanent	OBC	6306732954		
			* *	Science	20200		Sept.,2019					gangeshgiri1012@gmail.com

		Giri										
13	Driver	Vacant										
14	Driver	Sri.	Driver cum Mechanic	-	5200-	9900	06 th	Permanent	OBC	9415300820		
		Sandeep			20200		Sept.,2019					
		Kumar									31	
15	Supporting		-	-	-	-			-	-		
	staff	Vacant					-				-	
16	Supporting											
	staff	Vacant										

1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	0.80
2.	Under Demonstration Units	0.18
3.	Under Crops	3.5
4.	Orchard/Agro-forestry	0.05
5.	Others (specify)	13.603
	Total	18.133

1.7. Infrastructural Development:

A) Buildings

		Source		Stage							
S.		of		9	Incomplete						
No.	Name of building	funding	Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction			
1.	Administrative Building	ICAR	Sept.13	550	182.50	2011		completed			
		100%									
2.	Farmers Hostel	ICAR		305	45.75	2011		completed			
		100%									
3.	Staff Quarters (6)	ICAR	Dec.,2014	400	60.00	2011		completed			
		100%									
4.	Demonstration Units -Poultry Shed	RKVY	March,22	1000	11.00			Completed			
5.	Fencing	RKVY	Dec.2021	15000		2020		completed			
6.	Rain Water harvesting system	RKVY	Dec.2021	3100		2020		completed			
7.	Threshing floor	RKVY	Dec.2021	20		2020		completed			
8.	Farm go down							Budget not allotted			

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2011	426000	200Hrs.	Good
Jeep	2011	476596	193,249 Kms.	Needed repairs and maintence
		4/0390		manuence

C) Equipments & AV aids-

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Disc harrow	2011	21400	Good
Cultivator	2011.	16850	Good
Disc plough	2011	18000	Good
Leveller	2011	6255	Good
PTO Pulley	2011	3200	Good
TV	2019	42000	Good

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

d`f"k foKku dsUnz] ikarh] vEcsMdj uxj vkpk;Z ujsUnz nso d`f"k ,oa izkS|ksfxd fo'ofo|ky;] dqekjxat] v;ks/;k

oSKkfud lykgdkj lfefr ds-oh-ds- dh NBoha cSBd fnukad 16 tuojh] 2022 dh dk;Zo`fRr

d`f"k foKku dsUnz] ikarh] vEcsMdj uxj dh oSKkfud lykgdkj lfefr dh NBoha cSBd fnukad 16-01-2022 dks izkr% 11%00 cts ekuuh; dqyifr egksn; ,oa Mk0 ,-ih- jko] funs'kd izlkj vkpk;Z ujsUnz nso d`f"k ,oa ÁkS|ksfxd fo'of|ky;] dqekjxat] v;ks/;k rFkk MkW0 vrj flag] funs'kd] Hkk-d`-vuq-i-] vVkjh] dkuiqj ds funsZ'ku esa izks0 Mk0 vkj-vkj- flag dh v/;{krk esa vkuykbWu@opqZ;y ehfVax IEiUu gqbZA ftlesa fuEu lnL;@oSKkfud mifLFkr jgsaA

dz-la-	uke o in] irk	in
1.	MWk0 vkj- vkj- flag] izk/;kid e`nk] izlkj funs'kky; vkpk;Z ujsUnz nso	v/;{k
	d`f"k ,oa izkS ksfxd fo'of ky;] dqekjxat] v;ks/;k	
2.	MWk0 ,I- ds- nwcs] iz/kku oSKkfud¼izlkj½] Hkk-d`-vuq-i-] vVkjh]	InL;
	dkuiqj	
3.	MWk0 jk?kosUnz dqekj flag] iz/kku oSKkfud¼m ku½] Hkk-d`-vuq-i-	InL;
] vVkjh] dkuiqj	
4.	MkW0 jke thr] ofj"B oSKkfud ,oa v/;{k] ds-oh-ds-] vEcsMdj uxj	Ifpo
5.	MWk0 /keZjkt flag] ftyk d`f"k vf/kdkjh@mi d`f"k funs'kd] vEcsMdj uxj	InL;
6.	MWk0 jkt eaxy pkS/kjh] Hkwfe laj{k.k@ikS/k lqj{kk vf/kdkjh]	InL;
	vEcsMdj uxj	
7.	Jh lat; dqekj jLrksxh] ftyk m ku vf/kdkjh] vEcsMdj uxj	InL;
8.	Jh jekdkar ik.Ms;] izHkkjh dk;Zdkjh vf/kdkjh erL;] vEcsMdj uxj	InL;
9.	Jh foosd f=osnh] ,fj;k eSustj b~Qdks] vEcsMdj uxj	InL;
10.	Jh vkj- okbZ- /kqfl;k] izHkkjh vf/kdkjh] Qy laj{k.k] vEcsMdj uxj	InL;
11.	Jh vkj- ch- ;kno] mik;qDr jk'Vah; vkthfodk fe'ku] vEcsMdj uxj	InL;

^{*} Attach a copy of SAC proceedings along with list of participants

12.	Jh vk'kh"k flag] ,y- Mh- ,e-] vEcsMdj uxj	InL;
13.	Jh vt; dqekj oekZ] Mk;jsDVj] vkj- ls- Vh-] vEcsMdj uxj	InL;
14.	Jh jke dqcsj] izHkkjh e`nk ifj{k.k iz;ksx'kkyk] vEcsMdj uxj	InL;
15.	Jh jke #i] ifjoh{kd] ijkx Ms;jh] vEcsMdj uxj	InL;
16.	Jh jek 'kadj ekS;Z] izxfr'khy d"`kd] ukjk;.kiqj] vEcsMdj uxj	InL;
17.	Jh n;k "kadj xkSaM] izxfr'khy d`"kd] dchjiqj] vdcjiqj] vEcsMdj uxj	InL;
18.	Jh d`".k dqekj flag] izxfr'khy d`"kd] nqYykiqj] HkhVh] vEcsMdj uxj	InL;
19.	Jherh 'kkjnk oekZ] izxfr'khy efgyk d`"kd] vEcsMdj uxj	InL;
20.	Jherh 'kdqaryk ;kno] izxfr'khy egfyk d`"kd] ikarh] dVsgjh] vEcsMdj	InL;
	uxj	
21.	Jh vkuan flag] izxfr'khy d`"kd] laxzkeiqj]vdcjiqj] vEcsMdj uxj	InL;
22.	Jh jke pj.k oekZ] izxfr'khy d`"kd] eejstiqj] Vk.Mk] vEcsMdj uxj	InL;
23.	Jh jktsUnz 'kekZ] izxfr'khy d`"kd] vk'kkthriqj] HkhVh] vEcsMdj uxj	InL;
24.	Jh lquhy dqekj oekZ] izxfr'khy d`"kd] ikarh] dVsgjh] vEcsMdj uxj	InL;
25.	Jh gfj lgk; oekZ] izxfr'khy d`"kd] ea'kkiqj]dVsgjh] vEcsMdj uxj	InL;
26.	MkW0 fo k lkxj] fo"k; oLrq fo'ks"kK i'kq&ikyu] ds-oh-ds-] vEcsMdj	InL;
	uxj	
27.	MkW0 iznhi dqekj] fo"k; oLrq fo'ks"kK ikni lqj{kk] ds-oh-ds-]	InL;
	vEcsMdj uxj	
28.	MkW0 jke dqekj] dk;Zdze lgk;d@izHkkjh m ku] ds-oh-ds-] vEcsMdj	InL;
	uxj	
29.	Jh ,l- ih- flag] dk;kZy; v/kh{kd] ds-oh-ds-] vEcsMdj uxj	InL;
30.	Jh jktsUnz oekZ] iz{ks= izca/kd] ds-oh-ds-] vEcsMdj uxj	InL;
31.	Jh xaxs'k fxfj] LVsuksxzkQj] ds-oh-ds-] vEcsMdj uxj	InL;

dsUnz ds ofj"**B** oSKkfud ,oa v/;{k Mk0 jke thr usa loZizFke lHkh vfrfFk;ksa dk Lokxr djrs gq, ekuuh; v/;{k egksn; dh vuqefr ls dk;Zokgh izkjEHk dh vkSj Lo;a fiNyh cSBd esa fy;s x;s fu.kZ; ,oa mu ij d`r dk;Zokgh ls voxr djk;kA lHkh fo'k; oLrq fo'ks"kKksa o iz{ks= izcU/kd usa vuqHkkx okj izxfr izfrosnu ,oa vkxkeh dk;Z ;kstuk izLrqr dh rnksijkUr lnL;ksa us dsUnz ds mRrjksRrj fodkl gsrq lq>ko vkeaf=r fd;s ftlesa fuEufyf[kr fu.kZ; fy;s x;s &

1- vku QkeZ VsLfVax dk;Z ;®tuk essa {ks= ds Ñ"kdksa dh Áeqa[k leL;k;ksa ds vk/kkj ij leL;k fujkdj.k gsrq dk;Z;kstuk esa lekos'k vk;ksftr fd;k tk,A

vuqikyukFkZ& leLr fo"k; oLrq fo'ks"kK

2- ÁFke iafDr ÁnZ'ku ubZ Átkfr;®a ,oa rduhdh ij vk;®ftr fd;s tk, lkFk gh vku QkeZ VsLfVx dk;Z ;®tuk es lfEefyr fd;k tk,A

vuqikyukFkZ& leLr fo"k; oLrq fo'ks"kK

3- ou foÒkx] m?kku foÒkx] ds dk;ZØeksa lgHkkfxrk djsa ,oa lg;®x ysdj dsUæ ifjlj es o`{kkj®i.k fd;k tk, rFkk ok;®QsfUlx QkeZ ds pkj® rjQ djkus ij cy fn;k tk,A rFkk dsUæ ij v©?kkfud okfudh] Qwy lfCt;®a dh i©/k rS;kj dj foØ; fd;k tk;A

vuqikyukFkZ Mk- jke dqekj] dk;ZØe lgk;d ¼m|ku½

4- xUuk foÒkx ds dk;ZØeksa lgHkkfxrk dj xUuk Qly mRiknu esa vkusa okyh leL;kvksa ,oa chekfj;ksa dk funku fd;k tk;sA

vuqikyukFkZ & Mk- Anhi dqekj] fo"k; oLrq fo'ks"kK ¼ikni j{kk½

5- Á{®= ij jch o [kjhQ dh fofÒUu Qly®a] lCth] Qy] o`{k® ,oa v©"k/kh; i©/k®a ds thokar Án'kZu Qly dSQsVsfj;k LFkkfir fd;k tk,A

vuqikyukFkZ Mk- jke dqekj] dk;ZØe lgk;d ¼m|ku½ ,oa QkeZ eSustj

6- {ks= esa ,oa p;fur xko"a esa i'qk mRiknu dh leL;kv"sa dk v/;;u ,oa losZ fd;k tk, ftlls i'kqv®a es yxuas okyh fcekfj;®a ,oa leL;k;kas dk irk py lds rFkk fo'ys"k.k ds ckn dk;Z;®tuk rS;kj fd;k tk,A

vuqikyukFkZ& Mk- fo|k lkxj fo"k; oLrq fo'ks"kK 1/4i'kqikyu1/2a

7- ftys ds Áxfr'khy Ñ"kdkas Áeq[k vkdMs+ ,d= fd;s tk, ,oa ßlQyrk dh dgkuh ,oa ds'k LVMh rS;kj dh tk,A

vuqikyukFkZ& leLr fo"k; oLrq fo'ks"kK

8- Qy laj{k.k] foÒkx] ds dk;ZØeksa lgHkkfxrk dj {ks= ds Ñ"kdksa ,oa Ñ"kd efgykvksa dks Qy ,oa lCth ,oa nqX/k laj{k.k ,oa mRikn rS;kj dj vf/kd vk; vftZrdjusagsrq Ásfjr fd;k tk;sA

vuqikyukFkZ& leLr fo"k; oLrq fo'ks"kK

9- cjkSnk Lojkstxkj laLFkku Áf'k{k.k dk;ZØeksa lgHkkfxrk dj {ks= ds Ñ"kdksa ,oa Ñ"kd efgykvksa dks Ñf"k ls lEcfU/kr O;olk;ksa viukdj vf/kd vk; vftZr djusa gsrq Ásfjr fd;k tk;sA

vuqikyukFkZ& leLr fo"k; oLrq fo'ks"kK

10-Ñf"k foKku dsUnz ds Á{ks= dk vkSj vf/kd fodk'k dj vf/kd Qly cht mRiknu fd;k tk;sA

vuqikyukFkZ Mk- jke dqekj] dk;ZØe lgk;d ¼m|ku½ ,oa QkeZ eSustj ,oa ofj"B oSKkfud ,oa v/;{k

var es lÒh ekuuh; lnL; $^{\otimes}$,oa vfrfFk; $^{\otimes}$ d $^{\circ}$ /kU;okn ds mijkUr v/;{k eg $^{\otimes}$ n~; dh vuqefr ls dk;Zokgh lekIr dh xbZA

funs'kd Álkj eg®n~; dh Isok es vuqe"nukFkZ Ásf"kr

vuqe"fnr

1/4,0ih0 jko 1/2 funs'kd Álkj

1/4 jke thr1/2

ofj"B oSKkfud ,oa v/;{k @lfpo

2. DETAILS OF DISTRICT (31st December, 2022)

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

S. No	Farming system/enterprise
1.	Agriculture
2.	Agriculture + Horticulture
3.	Agriculture + Horticulture + Animal Husbandry

4.	Agriculture + Vegetable + Fisheries
5.	Agriculture + Animal Husbandry

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

S. No	Agro-climatic Zone	Characteristics
1.	Eastern plain zone (EPZ)	Alluvial soil, Average rain fall of 899.85 mm
2.	AES- 1	Irrigated, Sandy Loam
3.	AES – II	Upland, at the both side of Tamasa river
4.	AES –III	Rain fed sandy loam soil
5.	AES – IV	Irrigated clay loam
6.	AES – V	Clay, Water logged condition

2.3 Soil types

S. No	Soil type	Characteristics	Area in ha
1.	Sandy soil	Upland soil, Poor in soil	55%
		fertility, deepwater table	
2.	Sandy loam	Major area under irrigation,	18%
		source of irrigation canal	
3.	Clay loam & alluvial	Low land, shallow water	27%
		table, some portion sodic soil	

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

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl/ha)
1.	Paddy	1,17,976	3,40,599	28.87
2.	Maize	4,78	500	10.46
3.	Sorghum	894	949	10.62
4.	Bajra	8	7	8.75
5.	Urd	75	67	8.93
6.	Moong	30	25	8.33
7.	Pigeon pea	1,884	1451	7.70
8.	Til	10	3	3.00
(B) Rabi				
1.	Wheat	118419	407835	34.44
2.	Pea	4002	1016	2.54
3.	Mustard	4,099	1937	4.73
4.	Chick pea	1,337	495	3.70
5.	Lentil	306	132	4.31
6.	Barley	450	1,303	28.96
7.	Linseed	2	1	5

2.5. Weather data

Month	Rainfall (mm)	Av. Tem	perature ⁰ C	Av. Relative Humidity (%)
		Maximum Minimum		
July-September,	1256.50	43	31	62

2021			l

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

Category	Population	Production	Productivity
Cattle			
Crossbred	20193	-	-
Indigenous	169324	-	-
Buffalo	268862	-	-
Sheep	·		•
Crossbred	52	-	-
Indigenous	13705	-	-
Goats	138463	-	-
Pigs	Pigs		
Crossbred	1048	-	-
Indigenous	10664	-	-
Rabbits	-		
Poultry	·		•
Hens			
Desi	144326	-	-
Improved	141712	-	-
Ducks	18770	-	-
Turkey and others	20193	-	-

Category	Area	Production	Productivity
Fish			
Marine			
Inland	263ha.	6000-7800Q./yr.	26-30 Q./ha.
Prawn			
Scampi			
Shrimp			

2.7 Details of Operational area / Villages (31st December, 2022)

Sl. No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Akbarpur	Akbarpur	Sangrampur	Rice, wheat, pulses, vegetables, pipermint, mango, banana, cattle and buffaloes	Low yield of crops due to existing cultivars and traditional methods of cultivation	Enhancing production and productivity through variety and technology, improved feeding & manage mental practices of animals for better production s

2.	Bhiti	Bhiti	Hiri Pakaria	Rice, wheat, pulses, oilseeds, cattle, buffaloes and goats	Low yield of crops due to poor crop and livestock management	HYVs of pea, Rice, wheat, pulses, oilseeds with improved package of practices and improved feeding & management practices better animals production
3.	Bevana	Bevana	Manshpur	Rice, wheat, pulses, oilseeds, sugarcane, vegetables, pea, tomato. Chilli, ladyfinger, crossbred cows buffalo, , goats , sheep and poultry	Low yield of crops due to use of old varieties poor management practices of crops and low animals, milk productivity due imbalance feeding and management	Introduction of HYVs of pea, Rice, wheat, pulses, oilseeds with improved package of practices, improved feeding & management practices of animals for better production s
4.	Baskhari	Baskhari	Harriaya	Pigeon pea, vegetables, pea, tomato. Chilli, lady finger, crossbred cows, buffalo, goats, poultry etc.	Low yield of crops due to existing cultivars and traditional methods of cultivation and low productivity of animals due to poor management	Introduction HYVs of pea, Rice, wheat, pulses, oilseeds with improved package of practices, improved breeds, feeding & management practices of animals for better production
5.	Tanda	Tanda	Khashpur	Pigeon pea, vegetables, pea, tomato. Chilli, ladyfinger, crossbred cows, buffalo, goats, poultry etc.	Low yield of crops due to existing cultivars and traditional methods of cultivation and low productivity of animals due to poor management	Introduction HYVs of pea, Rice, wheat, pulses, oilseeds with improved package of practices, improved ,breeds, feeding & management practices of animals for better production

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Cereal crops	Management of rice – wheat cropping pattern
Organic crop production	Promotion of organic farming
Diversify crop production	Diversification of existing cropping system
RCT	Promotion of resources conservation technologies
Seed production	Promotion of seed production (seed village
	concept among farmers)
Enhancement of milk	Enhancement in milk yield of cattle and buffalo
production	
Horticultural Crop	Promotion of fruit crops (Aonla. Mango, Banana,
production	Agro- forestry)
Entrepreneurial	Entrepreneurship development in dairy, poultry,
development	goatary, fish bee keeping, floriculture, vegetable
	and mushroom production
Post harvest technology	Promotion of agro processing technologies for

	value addition of agricultural products
Soil water conservation	Rain water harvesting and soil health management
Capacity building	Promotion and formation of SSG, Mahila mandal,
	Farm Science club etc.
Disaster management	Disaster management / unseasonal rainfall/hail
	storm/cold waves etc.
Enhance the income of	Enhance the income of farmers per unit area by
farmers	intercropping with crops, integrated farming with
	crops with agro forestry, fish cum poultry
	farming, dairy cum Javik farming.

3. TECHNICAL ACHIEVEMENTS

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

OFT (Te	chnology Asses	sment an	d Refinement)	FLD (Oilseeds, Pulses, Cotton, Other			
					Crops/En	terprises)	
	1				2		
Numb	per of OFTs	Total r	no. of Trials	Area in ha Number of Farmers			r of Farmers
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
12	12	60	60	100	77.52	200	415

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)						Extensio	n Activities	
		3					4	
Numb	per of Cour	ses		mber of cicipants		oer of vities	Numb partici	
Clientele	Targets	Achievem ent	Target s	Achievem ent	Target s	Achie vemen t	Targets	Achie vemen t
Farmers	80	89	2000	2484	600	621	50,000	51,727
Rural youth	22	25	500	983				
Ext., Functionaries	8	7	200	184				

Seed Production (Qtl.)	Planting material (Nos.)

	5		6				
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers		
100	54.26	270	20000	25930	50		

2.9 Intervention/ Programmes for the doubling the farmers income –(Jan 2022-Dec. 2022) Demonstrations

1-Intercropping- Kidney bean +Bottle gourd

Before	Main crop	Inter crop	Equivalent	Cost of	Gross	Net	B.C:	Remark if
Interventions	Yield(q/ha)	Yield(q/ha)	Yield(q/ha)	cultivation(Rs/ha)*	Income(Rs/ha.)	income(Rs/ha.)	Ratio	any
Intercropping	314	-	314	20500	2449200	2428700	1:119.4	
System (Rabi) –								
Kidney bean -								
Varity-Chitra								

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

After	Main crop	Inter crop	Equivalent	Cost of	Gross	Net	B.C:	Remark
Interventions	Yield(q/ha)	Yield(q/ha)	yield(q/ha)	cultivation(Rs/ha)*	Income(Rs/ha.)	income(Rs/ha)	Ratio	if any
Intercropping	317	450.10	767.10	Kidney bean -	Kidney bean -	2459330	1:72.32	
System(Rabi)-				Rs.24700+ Bottle gourd	2472600+ Bottle			
Kidney bean				-Rs.23800 =48500	Gourd -			
+Bottle gourd –					1035230=3507830			
Narendra Rashmi								

Expected Sale price- Banana- Rs. 7800/Q., Bottle gourd -Rs. 2300/Q



2- Intercropping-Pigeon pea +Cowpea

Before Interventions	Main crop	Inter crop	Equivalent	Cost of	Gross	Net	B.C:	Remark if
	Yield(q/ha)	Yield(q/ha)	yield(q/ha)	cultivation(Rs/ha)*	Income(Rs/ha.)	income(Rs/ha)	Ratio	any
Mono Cropping System	24.15	-	24.15	25300	142485	117185	1:5.63	
(Kharif) –Pigeon pea-								
Narendra Arhar-2								

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)*	Gross Income(Rs/ha.)	Net income(Rs/ha)	B.C: Ratio	Remark if any
Mono Cropping System (Kharif) – Pigeon pea + Vegetable Cowpea –GFC-3	25.6	180.6	421.9	Pigeon pea - 25450+ Vegetable Cowpea 22500=47950	Pigeon pea - 151040+ Vegetable Cowpea 334110=485150	437200	1:10.12	

Expected Sale price/ MSP – Pigeon pea - Rs. 5900/Q., Vegetable cowpea -Rs. 1850/Q.

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



3. TECHNICAL ACHIEVEMENTS

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

OFT (Te	OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)				
	1				2				
Numb	per of OFTs	Total no. of Trials		Area in ha		Number of Farmers			
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement		
12	12	60	60	100	120.02	200	486		

	Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)						Extension Activities				
		3			4						
Number of Courses				mber of icipants	Number of activities			ber of ipants			
Clientele	Target	Achieve	Targe	Achieve	Target	Achi	Target	Achiev			
	s	ment	ts	ment	s	eve ment	s	ement			
Farmers	100	141	2000	4218	600	748	40,000	52759			
Rural youth	10	10	250	318							
Vocational Traning	10	19	250	647							
\Extn. Functionaries	8	9	200	225							

S	eed Production	(Qtl.)	Р	lanting material	(Nos.)		
	5		6				
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers		
200	102	120	25000	37960	330		

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Summary of technologies asses Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farme rs	
Integrated Nutrient Management					
Varietal Evaluation					
Integrated Pest Management	Brinjal	Evaluation of Safer insecticide against shoot & fruit borer in Brinjal	1	5	
	Chick Pea	Evaluation of safer insecticide against pod borer management in Chick pea	1	5	
	Pigeon pea	Management of pod borer in pigeon pea	1	5	
Integrated Disease Management					
Integrated Crop Management					
Small Scale Income Generation Enterprises					
Weed Management	Paddy	Assessment of post emergence herbicides (PE) for control of grasses & broad leaf weeds for higher grain yield of paddy.	1	5	
	Wheat	Assessment of post emergence herbicides (PE) for control of grasses & broad leaf weeds for higher grain yield of wheat.	1	5	
	Pigeon pea	To assess the performance of suitable Weedicides for weed control in Pigeon pea	1	5	
Resource Conservation Technology	Paddy	Assessment of Paddy production performance of direct sowing of paddy by Super seeder	1	5	
	Wheat	Assessment of Wheat production performance of direct sowing by Super seeder	1	5	
Farm Machineries					
Integrated Farming System					

Seed / Plant production				
Post Harvest Technology / Value				
addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total			8	40

Summary of technologies assessed under livestock by KVKs

Summary of technologies assessed	Name of the	Name of the		No. of
Thematic areas	livestock	technology	No. of trials	farmers
Themane areas	enterprise	assessed	1.0.01 111115	14111015
Disease Management	Dairy cows	Assessment of	1	5
2	,	Balance feeding		
		with protein &		
		mineral mixture		
		in concentrate		
		with de-		
		worming		
		enhance the		
		productivity and		
		reduce the		
		problems of		
		prolapsed of		
		uterus at last		
		stage of		
Evaluation of Breeds		pregnancy.		
Feed and Fodder management				
Nutrition Management				
Production and Management	Poultry	Assessment of	1	5
1 roduction and management	1 July	performance of	1	
		Back Yard		
		Poultry Farming		
		in traditional		
		system of		
		farming.		
Others (Pl. specify)				
Total			2	10

Summary of technologies assessed under various enterprises by KVKs

	<u> </u>					
T	hematic areas	Enterpri se	Name of the technology assessed	INO. OIL	No. of farme rs	

Varietal Evaluation	Wheat	Varietal evaluation of High yielding variety of wheat	1	5
Lvaruation				
Integrated Pest Management	Brinjal	Evaluation of Safer insecticide against shoot & fruit borer in Brinjal	1	5
	Chick Pea	Evaluation of safer insecticide against pod borer management in Chick pea	1	5
	Pigeon pea	Management of pod borer in pigeon pea	1	5
Weed Management	Paddy	Assessment of post emergence herbicides (PE) for control of grasses & broad leaf weeds for higher grain yield of paddy.	1	5
	Wheat	Assessment of post emergence herbicides (PE) for control of grasses & broad leaf weeds for higher grain yield of wheat.	1	5
	Pigeon pea	To assess the performance of suitable Weedicides for weed control in Pigeon pea	1	5
Resource Conservation	Paddy	Assessment of Paddy productivity and profitability through direct sowing of paddy by Super seeder	1	5
Technology	Wheat	Assessment of wheat productivity and profitability through direct sowing of wheat by Super seeder	1	5
Disease Management	Dairy Cattle	Assessment of Balance feeding with protein & mineral mixture in concentrate with de-worming enhance the productivity and reduce the problems of prolapsed of uterus at last stage of pregnancy	1	5
Production and Management	Poultry	To assess the performance of Back Yard Poultry Farming in traditional system of farming.	1	5

Note: Suppose IPM in paddy is the technology assessed by 10 KVKs in the Zone with 5 trials by each KVK, then IPM in paddy needs to be considered as a single technology, with 10*5 = 50 trials and No. of KVKs will be 10. In addition, please note that even if IPM in paddy is done with various combinations of Technology Options (treatments), it may be considered as a single technology only.

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

(From each state please include the full details of three OFTs on technology assessment and or refinement under the broad thematic areas such as Integrated Crop Management, weed management, pest and disease management, nutrient management, resource conservation, livestock enterprises, Integrated Nutrient Management)

(The model for preparing the same is furnished below)

Problem definition: Heavy infestation of weed due to improper use of herbicide in paddy crops.

Technology Assessed or Refined -Assessment of post emergence herbicides (PE) for control of grasses & broad leaf weeds for higher grain yield of paddy.

KVK Ambedkar Nagar Uttar Pradesh took up on-farm trial on of post emergence herbicides (PE) for control of grasses & broad leaf weeds for higher grain yield of paddy. Spray of Bispyribac sodium@ 250ml/ha. + Almix @ 20g/ha. at 30 days of transplanting showed less no. of weeds and 16.22 per cent higher grain yield than farmer practice.

Table: Effect of Bispyribac sodium + Almix herbicide on weed control & yield of paddy.

Technology Option	No.of trials	Yield (qt./ha)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
T1- Spray of Butachlor @ 3lit/ha. within 3days of transplanting (Farmer practice)	05	49.7		26300	1.6
T2 Spray of Bispyribac sodium@ 250ml/ha. + Almix @ 20g/ha. at 30 days of transplanting.		54.2	9.0	36455	2.0

Result: Spray of Bispyribac sodium@ 250ml/ha. + Almix @ 20g/ha. At 30 days of transplanting showed less no. of weeds and 9.0 per cent higher grain yield than farmer practice i.e. spray of Butachlor @ 3lit/ha. within 3 days of transplanting.

RESOURCE CONSERVATION TECHNOLOGY OFT-2

Problem definition: High cost production and profitability in Paddy cultivation

Technology Assessed or Refined: Assessment of Paddy productivity and profitability through direct sowing of paddy by Super seeder

The KVK Panti, Ambedkar Nagar conducted on-farm trial on direct sowing of paddy by Super seeder -Variety NDR-2065. Direct sowing of paddy by Super seeder increased yield 13.21 per cent.

Table Effect of seed rate on yield and income of paddy sown by Super seeder

Technology Option	No.of trials	Yield (t/ha)	% increased Yield	Net Returns (Rs./ha)	BC Ratio
Scattered transplanting (Farmers		42.37	-	29193.5	42.37
Practice)	6				
Direct paddy sown by Super seeder	0	49.24	16.21	43822.0	49.24
(Recommended Practice)					

Result - Direct sowing of paddy by Super seeder increased yield 13.21per cent.

PEST AND DISEASE MANAGEMENT

OFT-3

Problem definition: Low yield of Brinjal due to severe infection of shoot and fruit borer insects

Technology Assessed or Refined: Evaluation of Safer insecticide against control of shoot & fruit borer in Brinjal

KVK Ambedkar Nagar Uttar Pradesh took up on-farm trial on evaluation of safer insecticide against control of shoot & fruit borer in Brinjal. The results indicated that foliar spray of Emmactin Benjoate 5SG@18/1. (w/v)/more effective to control of shoot & fruit borer in Brinjal.

Table Effect of insecticide against control of shoot & fruit borer in Brinjal

Technology Option	No.of trials	No.01 Insect infection		Yield (q./ha)		% Increase in yield over farmer's practice
T1- Spray of Cypermethrin 5EC@ 2ml./lit.(Farmers		Trial	Check	Trial	Check	24.70
Practice)						
T2 Spray of safer insecticide	5	5.42	24.16	283.74	227.52	
Emamactin benzoate 5 SG @18ml/l. (Recommended						
Practice)						

Result: Spray of safer insecticide Emamactin benzoate 5 SG @18ml/l more effective in term of less infestation of shoot & fruit borer insects resulted increase yield up to 24.70 per cent.

LIVE STOCK ENTERPRISES

OFT-4

Problem definition:Poor milk yield &problem of prolapsed of uterus at last stage of pregnancy in H.F. cows.

Technology Assessed or Refined: Assessment of Balance feeding with protein & mineral mixture in concentrate with de-worming enhance the productivity and reduce the problems of prolapsed of uterus at last stage of pregnancy.

Table: Performance of Technology Assessed

Technology Option	No.of trials	Parame ter*- Proble ms of prolaps ed of uterus during last stage of pregnan cy	Av.M ilk prod uctio n (Lit./ day)	% chan ge in Yield	Grass cost(Rs. /day.)	Grass income (Rs. ./day)	Net Inco me (Rs./d ay)	BC Ratio
FP- Feeding of	(6	In 3	6.8		180	272	92	1:1.5
paddy/wheat straw	lactati	animals						
with limited green	ng H.F.	among						
fodder and	cows.)	six						
imbalance		,some						

concentrate	exte	nt					
mixture	prob	le					
	ms						
	hav	e					
	been	in					
	obse	ve					
	d						
T-1 -FP + Balance	No	9.3	36.76	210	372	162	1:1.7
feeding with	prob	le					
concentrate and	ms						
50g.minerals	four	ıd					
mixture/day with	till n	ow					
de-worming 1st day							
and 60^{th} day							

Interference & Feedback-Dairy animals perform better production and health on balance feeding along with protein and minerals supplementation and regular de-worming

Farmers Reaction -Balance feeding along with protein and minerals supplementation and regular deworming give profitable production & reduce problem of prolapsed of uterus.



OFT-5 Problem definition: High disease incidence, high feed cost and required better management in Broiler poultry farming.

Technology Assessed or Refined: Assessment of performance of Cary Shyama PoultryBack Yard Poultry Farming in traditional system of farming.

Broiler rearing is costly required well managed housing system, required hygienic condition along with costly industrial made feed and not fit for Back yard poultry system. KVK Ambedkar Nagar conducted trial on assessment of Cary Shyama birds in Back Yard Poultry Farming in traditional system of farming. In back yard poultry farming system Croiler Poultry birds gain better body weight with locally available feed ingredients prepared feed.

Table: Performance of Back Yard Poultry Farming in traditional system of farming.

Technology Option	No. of trials/ Farmers	Av.Body weight gain in 45 days (Kg.)	Diseases incidence	Feed cost/ weight gain ratio per kg.	Gross cost(Feed +medici ne)/ bird	Gross Retur n/Bird (Rs.)	BC Ratio
FP- Rear Broiler on Back yard poultry farming system along with costly industrial made feed.	3 (100 Cary Shyama poultry birds/	2.10Kg.	Incidence of Gombhoro &Coccidio sis diseases	Rs. 69/Kg.	Rs.159.	252	1:1.58
T-1 – Rear 100 Cary Shyamapoultry birds in Back Yard Poultry Farming System with locally available feed ingredients prepared feed- by wheat grain, , yellow maize, Rice bran, till cake, fishmeal etc.	farmer)	2.14Kg.	Coccidiosis in very less extent	Rs.76/Kg.	Rs.177.	342.4	1:1.9

Av. sale price of broiler birds Rs. 120/Kg. and Cary Shyamabirds Rs.160 / Kg.

Result -Cary ShyamaPoultry birds gain better body weight with locally available feed ingredients prepared feed with fewer incidences of infectious diseases. This variety is ideally suited for rearing give more profit than broiler poultry birds.



II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2020-21 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system		ontal spread echnology	of
					No. of villages	No. of farmers	Area in ha.
1.	Pigeon pea	RCT	Pigeon pea Sowing in raized bed	Demonstrations and farm advisory services	43	168	65
	Paddy	RCT	Direct sowing of paddy by Super seeder	Demonstrations and farm advisory services	20	166	37

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

b. Details of FLDs implemented during **2022** (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No	Crop	Thema tic area	Technology Demonstrate d	Season and year	Area (ha)		No. den		Reaso ns for shortf all in achiev ement	
					Propose	Actual	SC/S	Othe	Total	
1.	Pige	VE	HYV-NA-	Kharif -2022	d 10	10	11	23	35	
	on pea		2	-2022				23		
2.	Padd y	VE	HYV-ND- 2967	Kharif -2022	10	10	13	27	40	
3.	Whe at	VE	HYV- PBW-107	Rabi, 2021	10	10	6	19	25	
4.	Bottle gourd	VE	HYV- Narendra rasmi	Kharif ,2022	0.2	0.2	1	9	10	
5.	Caulifl ower	VE	HYV- Girija	Rabi, 2022	0.20	0.16	1	7	8	
6.	Bee Kee ping	Ente rpris e	Apis Meliferea	Rabi 2022	5units	5	1	4	5	
7.	Goat Kee ping	Ente rpris e	Barbari goat	Year 2022	5 Anim als	5	2	1	3	
9.	Vcci	Dise	Vaccianati	Year	203A	290	21	46	67	

	natio	ases	on against	2022	nimal					
	n	cont	HS and		S					
- 10	2.5.4	rol	FMD			1.0				
10.	Mult	Gree	SSG-898	Kharif	1.0	1.0	3	17	20	
	icut	n		2022						
	Char	fodd								
	i	er prod								
		ucti								
		on								
10.	Bese	Fod	JHTB-147	Rabi	1.0	1.0	3	22	25	
	em	der		2022						
	fodd	prod								
	er	ucti								
		on								
11.	Mus	Oil	RH-725	Rabi	30	30	26	59	85	
	tard	seed		2022						
		prod								
		ucti								
10	~	on	DVIG 202	—	20	20	20		0.7	
12.	Gram	VE	RVG-202	Rabi, 2022	20	20	28	57	85	
13.	Lentil	VE	LK-59-3	Rabi	20	20	24	61	85	
				2022						
15.	Mushro	Ente	Oyster	Rabi	10	10	3	20	25	
	om	rpris		2022						
16.	Button	e Ente	Agricus	Kharif	5	5	1	4	5	
10.	Musroo	rpris	Agricus	2022	3	3	1	4	3	
	m	e		2022						
18.	Apicult	Ente	Apis	Rabi	5	5	1	4	5	
10.	ure	rpris	Melifera	2022		3	1			
		e	- Ivioiiioiu	2022						
l	l .	1 ~	ı	1	1		1			i

Details of farming situation

Cro p	Season	Farming situation	Soil type	Sta	atus of	f soil	Previous crop		Harvest date	Seasonal infall (mm)	No. of rainy days
•	S	F2 Sit	$\mathbf{S}_{\mathbf{C}}$	N	P	K	Prev	Sow	Har	Seaso rainfall	No.
Pi ge on pe a	Kha rif	Irr ig at ed	Sandy loam	L	L	M	Whe at	Ist week of July,2022	-	316 mm	-
Gr a m	Rab i	Irr ig at ed	Sandy loam	L	L	M	Padd y	Last week of October,2 022	-	316 mm	-
M ust ar d	Rab i	Irr ig at ed	Sandy loam	L	L	M	Padd y	Ist week of October,2 022	-	316 mm	-

Technical Feedback on the demonstrated technologies

S.	Feed Back
No	
1	Narendra Arahar -2 – Farmers were satisfied for higher yield
2	Chick pea –RVG-202 Farmers reported more yield and less wilt
3	Mustard Peetambari-Variety performed better yield than NDR-8501 variety

Farmers' reactions on specific technologies

S. No	Feed Back
1	Narendra Arhar-2 Sown on raised bed performed better production
2	Chick pea –RVG-202 Sown with raised bed provide better yield

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	1-Field day on NDR-	12-10-22	25	
		2065			
2	Farmers Training	1-Production	22-10-22	28	
		technology of			
		Mustard			
		2-Production	16-10-22	32	
		technology of Rabi			
		Pulses			
3	Media coverage				
4	Training for	1-Seed production	18-10-22	125	
	extension	technology of of			
	functionaries	Pulse and oilseed			
		crops			

Performance of Frontline demonstrations CFLD on oilseed crops-

Cron		technology	Varioty	No. of	Area	Yield (q	/ha)			%	Econor (Rs./ha		lemonstr	ation	Econor (Rs./ha	mics of (a)	check	
Crop	Area	demonstrated	variety	Farmers	(ha)	Demo		7	Check	Increase in yield	i i		i	i .	1	Gross	i	BCR
						High	Low	Average	OHOU!	J	Cost	Return	Return	(R / C)	Cost	Return	Return	(R/C)
Mustard																		
	VE	HYV	RH-725	85	30	Crop is												
						in												
						standing												
						stage												
Sesamum	VE	HYV	Pragati	31	10	6.3	5.9	6.2	4.5									

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

** BCR= GROSS RETURN/GROSS COST

CFLD on pulse crops

Crop	Thematic	technology	Variety	No. of	Area	Yield (q	/ha)			% Increese	(Rs./h		lemonstr	(Rs./ha	,	check	
Crop	Area	demonstrated	variety	Farmers	(ha)	Demo High	Low	Average	Check	Increase in yield	Gross Cost	i				Net Return	BCR (R/C)
Pigeon pea																	
	VE	HYV , Raised bed sowing	NA-2	35	10	Crop is in standing stage											
Chickpea																	
	VE	HYV	RVG- 202	85	20	Crop is in standing stage											

Lentil												
	VE	HYV	LKS- 9-3	85	20	Crop is						
			9-3			in						
						standing						
						stage						

^{*} 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

Category &	Th em ati	Name of the	No. of	Are	Yield (d	q/ha)			% Chan		ner ramet	Econom (Rs./ha)	nics of de	monstrati	on	Econom	nics of che	ck (Rs./h	a)
Crop	c Ar ea	technolog y	Far me rs	a (ha)	Demo High	Low	Average	Check	ge in Yield	D e m o	Che ck	Gross Cost	Gross Retur n	Net Retur n	BCR (R/C)	Gross Cost	Gross Return	Net Retur n	BCR (R/C)
Cereals																			
Paddy																			
	V E	HYV- NDR- 2065	105	35	56.70	51.50	53.80	47.20	13.98			36900	94150	57250	1:2.55	34600	82600	48000	1:2.38
Wheat	VE	HD-2967	33	9	Crop is in standi ng stage														
										ļ									
X74-1-1																			
Vegetables																			
Bottlegourd																			
	V	HYE-	10	0.2	323.7	321.4	322.90	263.3	22.63			15670	96970	81300	1:6.18	13010	78980	65970	1:6.07

	Е	Narendra Rasmi			0	0		0										
Cabbage																		
Cauliflower																		
Fodder Crops Sorghum (F)	V E	Multicut Chari- SSG-898	17	1.0	378	310	339.5	275.4	23.28		15469	67900	52431	1:4.39	14837	54900	40063	1:3.70
Berseem	V E	HYV- JHTB- 146	25	1.0	Crop is in harves ting stage													

FLD on Livestock

Category	Thematic area	Name of the technology	No. of Farmer		Major para	meters	% change	Other parai	meter	Econor (Rs.)	nics of d	lemonst	ration	Econor (Rs.)	mics of	check	
		demonstrated		(Animal/ Poultry/ Birds, etc)	Demo	Check	in major parameter		Check	1	Gross Return	:			Gross Return		BCR (R/C)
Sheep & Goat	Goat farming	Improved breed-Barbari goat	3	5(3 female, 2 male)	7	7	28.57			29430	39050	9420	1:1.31	25260	31000	5740	1:1.23

Expected Sale price/ MSP – Paddy- Rs. 1750/Q, Bottle gourd- Rs. 300/Q

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

** BCR= GROSS RETURN/GROSS COST

Vaccination	Diseases control	and de- worming for prevention	258	257	-	Infection nil in vaccinated and de -					
		against BQ,HS ,FMD and parasitic infectious diseases to dairy Cattle ,buffaloes and goats				worming animals					

^{*} 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

Categor y	Themati c area	Name of the technology demonstrate d	No. of Farme r	No.of units	Major parameters Demons ration	Check	% change in major parameter	Other parameted Demon s ration	er Chec k	demo	omics of nstration Gross Retur n	(Rs.)	BCR (R/C	(Rs.) Gros	Retur	Net Retur	BCR (R/C
Commo n Carps		6 fish breed srearing- i Compsite Fish farming n	3	3000 finger lings	4 fish breedsrearing- Rohu Common corps, Silver crops,Grass carp6 fish breedsrearing- Catla, Rohu Naian,Common carps, Silver carp,Grass carp	4 fish breeds rearing- Rohu Common carp, Silver carp, Grass carp	Deomnstratio n is in running condition	AUIOI							11		

^{*} 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	:	Major par	ameters	% change in major	Other parame	ter		mics of o				nics of cher	ieck	
	demonstrated			Demo	Check	parameter	Demo	Check	Gross Cost	Gross Return		BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Button Mushroom	Button Mushroom(Agaricus bisporus)	6	6	60.00Kg.	48.00kg.	25.00			4150	9000	4850	1:2.17	4000	7200	3200	1:1.80
Apiculture	Hony Production (Italian Bee-Apis Melifera)	5	5	57.50	42.50	35.29			3000	5750	2750	1:1.91	3000	5250	2250	1:1.75

FLD on Women Empowerment

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

FLD on Farm Implements and Machinery

Name of the	Crop	Technology	No. of	Area	Major	Filed		% change	Labor reduction (man days)			Cost reduction				
implement		demonstrated	Farmer	(ha)	parameters	observa	tion	in major	((Rs./ha or Rs./Unit etc.)				
						(output/	man	parameter								
						hour)										
						Demo	Check		Land	Sowing	Weeding	Total	Land	Labour	Irrigation	Total
									preparation				preparation			
Super seeder	Wheat	Line sowing	4	1.0	Crop is in											
		of seed and			standing											
		fertilizer			stage											

FLD on Other Enterprise: Kitchen Gardening

	Category	Thematic	Name of the	No. of	No. of	Yield (Kg)		%	Other p	arameters	Economics of demonstration			Economics of check				
	and Crop	area	technology	Farmer	Units			change			(Rs./ha)				(Rs./ha)			
			demonstrated			Demons	Check	in yield	Demo	Check	Gross	Gross	Net	BCR	Gross	Gross	Net	BCR
						ration					Cost	Return	Return	(R/C)	Cost	Return	Return	(R/C)
ſ	Vegetables	Nutritional	15	15	15	Crops in												
		Gardening				standing												
						stage												
Ī																		

FLD on Demonstration details on crop hybrids (Details of Hybrid FLDs implemented during 2021)

Cron	technology	Hybrid No. of		Area	Yield (q/ha)	% Increase	Economics of demonstration (Rs./ha)					
Crop	demonstrated	Variety	Farmers	(ha)	Demo	Check	in yield	Gross	Gross	Net	BCR	

			High	Low	Average		Cost	Return	Return	(R/C)
Oilseed crop										

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

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of					Participan	ts	Count Total			
	courses		Others	1		SC/ST	1		Frand Tota		
I Coon Doods at on		Male	Female	Total	Male	Female	Total	Male	Female	Total	
I Crop Production		0.4		07	40	4		40	7	40	
Weed Management Resource Conservation	2	24	3	27	18	4	22	42	7	49	
Technologies	2	23	2	25	16	3	19	39	5	44	
Cropping Systems		20		20	10	0	10	- 00	0		
Crop Diversification											
Integrated Farming											
Micro Irrigation/irrigation											
Seed production											
Nursery management											
Integrated Crop Management	3	46	12	58	14	4	18	60	16	76	
Soil & water conservation	3	40	12	36	14	4	10	60	10	76	
Integrated nutrient											
management											
Production of organic inputs											
Others (pl specify)											
Total	5	70	15	85	32	8	40	102	23	125	
II Horticulture	 										
a) Vegetable Crops											
Production of low value and											
high valume crops											
Off-season vegetables	1	22	2	24	14	3	17	36	5	41	
Nursery raising											
Exotic vegetables											
Export potential vegetables											
Grading and standardization											
Protective cultivation											
Others (pl specify)											
Total (a)	1	22	2	24	14	3	17	36	5	41	
b) Fruits											
Training and Pruning											
Layout and Management of											
Orchards	1	18	1	19	15	2	17	33	3	36	
Cultivation of Fruit											
Management of young							4.0				
plants/orchards	1	18	1	19	14	2	16	32	3	35	
Rejuvenation of old orchards											
Export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques											
Others (pl specify)	1										
Total (b)	2	36	2	38	29	4	33	65	6	71	
c) Ornamental Plants		30		30	29	4	- 33	00	0	/ 1	
Nursery Management	1	19	3	22	6	2	8	25	5	30	
Management of potted plants	+ '	18	<u> </u>		U		0	20	ິ	30	
Export potential of ornamental											
plants											
Propagation techniques of											
Ornamental Plants											
Others (pl specify)											
Total (c)	1	19	3	22	6	2	8	25	5	30	
d) Plantation crops											

										38
Production and Management		00	0	00	0		_	00		07
technology Processing and value addition	1	20	2	22	3	2	5	23	4	27
ŭ .										
Others (pl specify)		00	•	00	•	•		00	4	07
Total (d)	1	20	2	22	3	2	5	23	4	27
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				00	,,		47	40		
Dogst horroast tooknology and	1	31	2	33	11	6	17	42	8	50
Post harvest technology and value addition										
Others (pl specify)										
Total (g)	1	31	2	33	11	6	17	42	8	50
GT (a-g)	6	128	11	139	63	17	80	191	28	219
III Soil Health and Fertility		120	• • •	103	- 00	.,		101		
Management										
Soil fertility management	1	26	2	28	13	3	16	39	5	44
Integrated water management										
Integrated Nutrient										
Management										
Production and use of organic	1	21	1	22	3	2	5	24	3	27
inputs Management of Problematic		21		22	3			24	3	
soils										
Micro nutrient deficiency in										
crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total	2	47	3	50	16	5	21	63	8	71
IV Livestock Production and										
Management		0	0.4	40	-	40	0.5	-	40	
Dairy Management Poultry Management	2	2	24	13	3	16	35	5	40	22
Piggery Management										
Rabbit Management										
Animal Nutrition Management	2	30	3	33	14	4	18	44	7	51
Disease Management										
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)		+								
Total	3	52	5	57	27	7	34	79	12	91
V Home Science/Women	3	32		51		-	UT	13	12	J1
empowerment										
Household food security by										
kitchen gardening and nutrition		40	00	4.4	40	_	40	20	20	00
gardening Design and development of	2	18	26	44	10	6	16	28	32	60
Design and development of										

. ,	ı	1	ı	1	i	ı	1	1	ı	39
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	2	18	26	44	10	6	16	28	32	60
VI Agril. Engineering										
Farm Machinary and its										
maintenance										
Installation and maintenance of										
micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and		+								
implements										
Repair and maintenance of										
farm machinery and										
implements										
Small scale processing and										
value addition		22	10	24	44		10	22	17	
Post Harvest Technology Others (planesify)	1	22	12	34	11	5	16	33	17	50
Others (pl specify)			40				40		4-	
Total	1	22	12	34	11	5	16	33	17	50
VII Plant Protection	ļ									
Integrated Pest Management	1	22	2	24	13	1	14	35	3	38
Integrated Disease Management										
Bio-control of pests and										
diseases	1	0	39	39	0	6	6	0	45	45
Production of bio control										
agents and bio pesticides	1	23	1	24	16	2	18	39	3	42
Others (pl specify)										
Total	2	45	3	48	29	3	32	74	6	80
VIII Fisheries										
Integrated fish farming	1	23	1		26		26	49	1	50
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				1			1		ļ	
Pen culture of fish and prawn										
				1						
Shrimp farming										
Shrimp farming										
Shrimp farming Edible oyster farming										
Shrimp farming Edible oyster farming Pearl culture Fish processing and value addition										
Shrimp farming Edible oyster farming Pearl culture Fish processing and value										

IX Production of Inputs at										40
site Seed Production	1	22	2	24	6	3	9	28	5	33
Planting material production	<u>'</u>			24	0		9	20	3	33
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production	1	8	3	11	8	6	14	16	9	25
Vermi-compost production	•				Ŭ					
Organic manures production	1	19	3	22	11	4	15	30	7	37
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder	1	16	2	18	9	3	12	25	5	30
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total	4	65	10	75	34	16	50	99	26	125
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths	1	42	2	44	21	3	24	63	5	68
WTO and IPR issues										
Others (pl specify)										
Total	1	42	2	44	21	3	24	63	5	68
XI Agro-forestry										
Production technologies										
Nursery management	1	21	3	24	5	2	7	26	5	31
Integrated Farming Systems										
Others (pl specify)					_					
Total	1	21	3	24	5	2	7	26	5	31
GRAND TOTAL	29	556	93	625	290	75	365	846	168	1014

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of]	Participan	its			
	courses		Others			SC/ST		(Frand Tota	al
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	2	23	3	26	18	2	20	41	5	46
Resource Conservation										
Technologies	1	14	2	16	14	1	15	28	3	31
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production	1	13	1	14	11	2	13	24	3	27
Nursery management	1	21	1	22	11	2	13	32	3	35
Integrated Crop Management	2	22	3	25	14	1	15	36	4	40
Soil & water conservatioin										
Integrated nutrient management										
Production of organic inputs										

Others (pl specify)	1	İ	ĺ							41
Total	7	93	10	103	68	8	76	161	18	179
II Horticulture										
a) Vegetable Crops										
Production of low value and										
high valume crops	1	12	4	16	14		14	26	4	30
Off-season vegetables	1	12	2	14	11	2	13	23	4	27
Nursery raising	1	10	1	11	9	3	12	19	4	23
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation	1	11	2	13	10	1	11	21	3	24
Others (pl specify)	_			0			0	0	0	0
Total (a)	4	45	9	54	44	6	50	89	15	104
b) Fruits										
Training and Pruning	1	12	2	14	8	3	11	20	5	25
Layout and Management of Orchards	1	11	1	12	9	2	11	20	3	23
Cultivation of Fruit	'	- ' '	'	0	9		0	0	0	0
Management of young	<u> </u>						0	"		
plants/orchards	1	12	2	14	10	0	10	22	2	24
Rejuvenation of old orchards				0			0	0	0	0
Export potential fruits				0			0	0	0	0
Micro irrigation systems of			_							
orchards	1	11	0	11	13	1	14	24	1	25
Plant propagation techniques				0			0	0	0	0
Others (pl specify)	1	40	_	0	40	0	0	0	0	0
Total (b) c) Ornamental Plants	4	46	5	51	40	6	46	86	11	97
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of										
Ornamental Plants	1	13	1	14	11	0	11	24	1	25
Others (pl specify)										
Total (c)	1	13	1	14	11	0	11	24	1	25
d) Plantation crops										
Production and Management										
technology										
Processing and value addition	1	12	2	14	8	6	14	20	8	28
Others (pl specify)				0			0	0	0	0
Total (d)	1	12	2	14	8	6	14	20	8	28
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
	-							-		
f) Spices	-							-		
Production and Management technology	1	3	0	3	22	0	22	25	0	25
Processing and value addition	†			-						
Others (pl specify)										
Total (f)	1	3	0	3	22	0	22	25	0	25
g) Medicinal and Aromatic	1	3	U	3	22	U	22	23	U	23
Plants Nursery management										
Production and management								 		
technology	1	11	3	14	12	2	14	23	5	28
Post harvest technology and value addition										

Others (pl specify)										42
Total (g)	1	11	3	14	12	2	14	23	5	28
GT (a-g)	11	127	20	147	115	20	135	242	40	282
III Soil Health and Fertility										
Management Soil fertility management	2	22	3	25	14	4	18	36	7	43
Integrated water management		22	3	25	14	4	10	30	- /	43
Integrated Nutrient										
Management Management	2	21	2	23	15	3	18	36	5	41
Production and use of organic					-					
inputs										
Management of Problematic										
soils Micro nutrient deficiency in										
crops										
Nutrient Use Efficiency										
Balance use of fertilizers	2	23	1	24	14	5	19	37	6	43
Soil and Water Testing										
Others (pl specify)										
Total	6	66	6	72	43	12	55	109	18	127
IV Livestock Production										
and Management										
Dairy Management	2	23	5	28	15	3	18	38	8	46
Poultry Management	1	22	6	28	14	2	16	36	8	44
Piggery Management										
Rabbit Management										
Animal Nutrition	0	0.4	4	0.5	40		40	00	0	4.4
Management	2	21	4	25	12	4	16	33	8	41
Disease Management Feed & fodder technology	2	20	3	23 25	13 11	<u>1</u> 5	14 16	33 34	7	37 41
Production of quality animal	ı	23		25	11	5	16	34	- /	41
products										
Others (pl specify)				0			0	0	0	0
Total	8	109	20	129	65	15	80	174	35	209
V Home Science/Women										
empowerment										
Household food security by kitchen gardening and										
nutrition gardening	2	22	3	25	13	3	16	35	6	41
Design and development of								- 55		
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										
through SHGs Storage loss minimization										
through SHGs Storage loss minimization techniques										
through SHGs Storage loss minimization techniques Value addition										
through SHGs Storage loss minimization techniques Value addition Women empowerment										
through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery										
through SHGs Storage loss minimization techniques Value addition Women empowerment										
through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies										
through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts Women and child care										
through SHGs Storage loss minimization techniques Value addition Women empowerment Location specific drudgery reduction technologies Rural Crafts	2	22	3	25	13	3	16	35	6	41
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	2	22	3	25	13	3	16	35	6	41
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	2	22	3	25	13	3	16	35	6	41
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	2	22	3	25	13	3	16	35	6	41
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	2	22	3	25	13	3	16	35	6	41

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	1 1 1 2 1 2	28 13 12 11 14 12 20 11 19	3 3 3 2 1 3 2 3	16 15 13 15 15 23 13 22	21 11 14 13 13 11 16 17 15	4 6 2 3 2 1 2 3	25 15 20 15 16 13 17 19 18	24 26 24 27 23 36 28 34 222	7 7 9 4 4 5 4 4 6	31 35 28 31 28 40 32 40
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	1 1 1 2	13 12 11 14 12 20	3 3 2 1 3 3	16 15 13 15 15 23	11 14 13 13 11 16	4 6 2 3 2 1	15 20 15 16 13 17	24 26 24 27 23 36	7 9 4 4 5	31 35 28 31 28 40
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	1 1 1 2	13 12 11 14 12 20	3 3 2 1 3 3	16 15 13 15 15 23	11 14 13 13 11 16	4 6 2 3 2 1	15 20 15 16 13 17	24 26 24 27 23 36	7 9 4 4 5	31 35 28 31 28 40
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	1 1 1 2	13 12 11 14 12 20	3 3 2 1 3	16 15 13 15 15	11 14 13 13 11	3 2 2	15 20 15 16 13	24 26 24 27 23 36	7 9 4 4 5	31 35 28 31 28
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	1 1 1	13 12 11 14	3 3 2 1	16 15 13 15	11 14 13 13	3	15 20 15 16	24 26 24 27 23	7 9 4 4	31 35 28 31
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	1 1 1	13 12 11 14	3 3 2 1	16 15 13 15	11 14 13 13	3	15 20 15 16	24 26 24 27 23	7 9 4 4	31 35 28 31
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	1 1 1	13 12 11 14	3 3 2	16 15 13	11 14 13	4 6 2 3	15 20 15	24 26 24 27	7 9 4	31 35 28 31
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	1 1 1	13 12 11 14	3 3 2	16 15 13	11 14 13	4 6 2 3	15 20 15	24 26 24 27	7 9 4	31 35 28 31
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	1 1	13 12 11	3 3 2	16 15	11 14 13	4 6	15 20 15	24 26 24	7 9 4	31 35 28
Seed Production Planting material production Bio-agents production Bio-pesticides production Bio-fertilizer production Vermi-compost production Organic manures production Production of fry and	1 1	13 12 11	3 3 2	16 15	11 14 13	4 6	15 20 15	24 26 24	7 9 4	31 35 28
Seed Production Planting material production Bio-agents production Bio-pesticides production Bio-fertilizer production Vermi-compost production Organic manures production	1 1	13 12 11	3 3 2	16 15	11 14 13	4 6	15 20 15	24 26 24	7 9 4	31 35 28
Seed Production Planting material production Bio-agents production Bio-pesticides production Bio-fertilizer production Vermi-compost production	1 1	13 12 11	3 3 2	16 15	11 14 13	4 6	15 20 15	24 26 24	7 9 4	31 35 28
Seed Production Planting material production Bio-agents production Bio-pesticides production Bio-fertilizer production	1	13 12	3	16 15	11 14	4 6	15 20	24 26	7 9	31 35
Seed Production Planting material production Bio-agents production Bio-pesticides production	1	13 12	3	16 15	11 14	4 6	15 20	24 26	7 9	31 35
Seed Production Planting material production Bio-agents production	1	13 12	3	16 15	11 14	4 6	15 20	24 26	7 9	31 35
Seed Production Planting material production	1	13	3	16	11	4	15	24	7	31
Seed Production	1	13	3	16	11	4	15	24	7	31
site	2	28	3	31	21	4	25	49	7	56
IX Production of Inputs at	2	28	3	31	21	4	25	49	7	56
Total										
Others (pl specify)										
Fish processing and value addition		1								
Pearl culture		-								
Shrimp farming Edible oyster farming		+								
Pen culture of fish and prawn		-								
Portable plastic carp hatchery		-								
ornamental fishes		-								
Breeding and culture of										
culture of freshwater prawn										
Hatchery management and	ı	10	1	10	17	'	10	23	۷	<u> </u>
rearing Composite fish culture	1	15	1	16	14	1	15	29	2	31
Carp fry and fingerling										
management										
Carp breeding and hatchery										
Integrated fish farming	1	13	2	15	7	3	10	20	5	25
VIII Fisheries										
Total	9	102	20	122	53	13	66	155	33	188
Others (pl specify)										
agents and bio pesticides	2	23	3	26	14	2	16	37	5	42
Production of bio control			Ü	20	14	ı	ເບ	30	,	43
Bio-control of pests and diseases	2	22	6	28	14	1	15	36	7	43
Management	2	24	3	27	13	4	17	37	7	44
Integrated Disease										
Integrated Pest Management	3	33	8	41	12	6	18	45	14	59
VII Plant Protection			-				0	-70		
Total	2	25	4	29	21	5	26	46	9	55
Others (pl specify)										
Post Harvest Technology	'	14	3	17	0	4	12	22	,	23
Small scale processing and value addition	1	14	3	17	8	4	12	22	7	29
implements										
farm machinery and										
Repair and maintenance of										
Production of small tools and implements										
practices	1	11	1	12	13	1	14	24	2	26
Use of Plastics in farming				4.0	4.0			2.4		-

Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs	1	22	3	25	8	21	29	30	24	54
Mobilization of social capital										
Entrepreneurial development of farmers/youths	2	12	5	17	10	3	13	22	8	30
WTO and IPR issues										
Others (pl specify)										
Total	3	34	8	42	18	24	42	52	32	84
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems	1	22	1	23	5	2	7	27	3	30
Others (pl specify)										
Total	1	22	1	23	5	2	7	27	3	30
GRAND TOTAL	61	740	115	855	532	127	659	1272	242	1514

 $Farmers'\ Training\ including\ sponsored\ training\ programmes-CONSOLIDATED\ (On+Off\ campus)$

Thematic area	No. of				J	Participant	ts			
	courses		Others			SC/ST			Frand Tota	ıl
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	4	47	6	53	36	6	42	83	12	95
Resource Conservation										
Technologies	2	23	2	25	16	3	19	39	5	44
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	1	13	1	14	11	0	11	24	1	25
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	1	21	1	22	11	2	13	32	3	35
Integrated Crop										
Management	5	68	15	83	28	5	33	96	20	116
Soil & water conservatioin	0	0	0	0	0	0	0	0	0	0
Integrated nutrient										
management	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	12	163	25	188	100	14	114	263	39	302
II Horticulture										
a) Vegetable Crops										
Production of low value and										
high valume crops	1	12	4	16	14	0	14	26	4	30
Off-season vegetables	2	34	4	38	25	5	30	59	9	68
Nursery raising	1	10	1	11	9	3	12	19	4	23
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	1	11	2	13	10	1	11	21	3	24
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	5	67	11	78	58	9	67	125	20	145
b) Fruits										
Training and Pruning	2	30	3	33	23	5	28	53	8	61
Layout and Management of					_					
Orchards	1	11	1	12	9	2	11	20	3	23
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young										
plants/orchards	2	30	3	33	24	2	26	54	5	59
Rejuvenation of old	0	0	0	0	0	0	0	0	0	0

Export potential fruits	orchards	ĺ			1]]		45
Micro intrigation systems of conclusions of the plant propagation techniques 0		0	0	0	0	0	0	0	0	0	0
unchands 1 11 0 11 13 1 14 24 1 25 Plant propagation techniques 0		0		0		0	0	0	0	0	
Plant propagation		1	11	0	11	13	1	14	24	1	25
Others (pl specify)	Plant propagation										
Total (b) 6 82 7 89 69 10 79 151 17 168		0	0	0	0	0	0	0	0	0	0
Ornamental Plants	Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Commental Plants		6	82	7	89	69	10	79	151	17	168
Management of potted plants											
Management of potted plants	Nursery Management	1	19	3	22	6	2	8	25	5	30
plants							_				
Export potential of organization of the programment plants		0	0	0	0	0	0	0	0	0	0
ornamental plants 0											
Ornamental Plants	ornamental plants	0	0	0	0	0	0	0	0	0	0
Other cyl specify Othe							_				
Total (c)								11			
Description					0			0			
Production and Management technology	Total (c)	2	32	4	36	17	2	19	49	6	55
technology 1 20 2 22 3 2 5 23 4 27 Processing and value addition 1 12 2 14 8 6 14 20 8 28 Other (p) 0	d) Plantation crops										
Processing and value addition	Production and Management										
Addition	technology	1	20	2	22	3	2	5	23	4	27
Others (pl specify)						_				_	
Total (d)											
Production and Management technology	4 1										
Production and Management technology		2	32	4	36	11	8	19	43	12	55
technology Processing and value addition Others (pl specify) O O O O O O O O O O O O O O O O O O O											
Processing and value addition		_		_		_	_	_	_	_	
Addition		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		•	•		•			•		•	•
Total (e)											
Production and Management technology											
Production and Management technology		0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Namagement Namagem											
Processing and value addition		•	•		•			•		•	•
addition 0<		0	0	0	0	0	0	0	0	0	0
Others (pl specify)		0	^	0	0	_	0	0	0	0	0
Total (f)											
Nursery management											
Plants	2.12.	0	0	0	0	0	0	0	0	0	0
Nursery management											
Production and management technology 2 42 5 47 23 8 31 65 13 78		0		0	0	0	0	0			
Technology		U	U	U	U	U	U	U	U	U	U
Post harvest technology and value addition		2	12	5	47	23	ρ	31	65	13	78
value addition 0			72		71	20	0	- 51	00	10	70
Others (pl specify) 0		0	0	0	0	0	0	0	0	0	0
Total (g) 2 42 5 47 23 8 31 65 13 78 GT (a-g) 17 255 31 286 178 37 215 433 68 501 III Soil Health and Fertility Management Soil fertility management 3 48 5 53 27 7 34 75 12 87 Integrated water management 0											
The contract of the contract						_					
Name											
Soil fertility Management 3 48 5 53 27 7 34 75 12 87			233	31	200	170	37	213	733	00	301
Soil fertility management 3 48 5 53 27 7 34 75 12 87 Integrated water management 0											
Integrated water management 0<		3	48	5	53	27	7	34	75	12	87
management 0					- 00		,	0.	, 0	12	- 01
Integrated Nutrient 2 21 2 23 15 3 18 36 5 41 Production and use of organic inputs 1 21 1 22 3 2 5 24 3 27 Management of Problematic soils 0		0	0	0	0	0	0	0	0	0	0
Management 2 21 2 23 15 3 18 36 5 41 Production and use of organic inputs 1 21 1 22 3 2 5 24 3 27 Management of Problematic soils 0		-		-			-				
Production and use of organic inputs 1 21 1 22 3 2 5 24 3 27 Management of Problematic soils 0 <		2	21	2	23	15	3	18	36	5	41
Management of Problematic soils 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
soils 0 <td></td> <td>1</td> <td>21</td> <td>1</td> <td>22</td> <td>3</td> <td>2</td> <td>5</td> <td>24</td> <td>3</td> <td>27</td>		1	21	1	22	3	2	5	24	3	27
Micro nutrient deficiency in crops 0						-					
crops 0 <td></td> <td>0</td>		0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency 0	Micro nutrient deficiency in		_	_		_	_	_	_	_	_
Balance use of fertilizers 2 23 1 24 14 5 19 37 6 43 Soil and Water Testing 0 0 0 0 0 0 0 0 0 0 0											
Soil and Water Testing 0 0 0 0 0 0 0 0 0					-						
Others (pl specify) 0 0 0 0 0 0 0 0 0 0	Others (nl specify)	0	0	0	0	0	0	0	0	0	0

Total	8	113	9	122	59	17	76	172	26	40 198
IV Livestock Production	_	_								
and Management										
Dairy Management	3	45	7	52	28	6	34	73	13	86
Poultry Management	1	22	6	28	14	2	16	36	8	44
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition										
Management	4	51	7	58	26	8	34	77	15	92
Disease Management	2	20	3	23	13	1	14	33	4	37
Feed & fodder technology	1	23	2	25	11	5	16	34	7	41
Production of quality animal	0	0	0	0	0	0	0	0	0	0
products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	11	161	25	186	92	22	114	253	47	300
V Home Science/Women										
empowerment Household food security by										
kitchen gardening and										
nutrition gardening	4	40	29	69	23	9	32	63	38	101
Design and development of		_								
low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development										
for high nutrient efficiency	_	_	_	_	_	_	_	_	_	_
diet	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient	0	0	0	0	0	0	0	0	0	0
loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	U	U	U	U	U	U	U	U	U	U
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization	0	0	U	0	0	U		U	0	0
techniques	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Women empowerment	0	0	0	0	0	0	0	0	0	0
Location specific drudgery										
reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	4	40	29	69	23	9	32	63	38	101
VI Agril. Engineering										
Farm Machinary and its										
maintenance	0	0	0	0	0	0	0	0	0	0
Installation and maintenance	_									
of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming		4.4	4	40	40		4.4	0.4	0	00
practices	1	11	1	12	13	1	14	24	2	26
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of	U	U	U	0	0	0		U	U	U
farm machinery and										
implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and										
value addition	1	14	3	17	8	4	12	22	7	29
Post Harvest Technology	1	22	12	34	11	5	16	33	17	50
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	3	47	16	63	32	10	42	79	26	105
VII Plant Protection										
Integrated Pest Management	4	55	10	65	25	7	32	80	17	97
Integrated Disease										
Management	2	24	3	27	13	4	17	37	7	44
Bio-control of pests and		-								
diseases	2	22	6	28	14	1	15	36	7	43
Production of bio control	2	16	1	50	20	1	24	76	o	0.4
agents and bio pesticides Others (pl specify)	3	46	4 0	50	30	4 0	34	76	8	84 0
Oniers (pr specify)	U	0	U	0	U	U	0	0	0	U

Total	11	147	23	170	82	16	98	229	39	268
VIII Fisheries										
Integrated fish farming	2	36	3	39	33	3	36	69	6	75
Carp breeding and hatchery	_		,							
management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling										
rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	1	15	1	16	14	1	15	29	2	31
Hatchery management and	_				_					
culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of		•	•	•		•	_		•	_
ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp	0	0	0	0	0	0	0	_	0	0
hatchery Pen culture of fish and	0	0	0	0	0	0	0	0	0	0
prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture		0	0		0	0		0		0
	0	U	U	0	U	U	0	U	0	U
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	3	51	4	55	47	4	51	98	8	
	3	51	4	ວວ	47	4	51	98	8	106
IX Production of Inputs at site										
Seed Production	2	35	5	40	17	7	24	52	12	64
Planting material production	1	12	3	15	14	6	20	26	9	35
			0		0					
Bio-agents production	0	0		0		0	0	0	0	0
Bio-pesticides production	1	11	2	13	13	2	15	24	4	28
Bio-fertilizer production	1	8	3	11	8	6	14	16	9	25
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	2	33	4	37	24	7	31	57	11	68
Production of fry and		•								
fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies	,	40	0	4.5	44	_	40	22	-	20
and wax sheets	1	12	3	15	11	2	13	23	5	28
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	3	36	5	41	25	4	29	61	9	70
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	1	11	2	13	17	2	19	28	4	32
			3			3				
Apiculture	2	19		22	15		18	34	6	40
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	14	177	30	207	144	39	183	321	69	390
X Capacity Building and										
Group Dynamics	0	0	0				0	_		
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management	1	22	3	25	8	21	29	30	24	54
of SHGs Mobilization of social	ı		3	23	0	21	29	30	24	54
capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial	- 0	0	0	0	- 0	0	0	0	0	0
development of										
farmers/youths	3	54	7	61	31	6	37	85	13	98
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	4	76	10	86	39	27	66	115	37	152
XI Agro-forestry	-						- 30	10	J.	
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	1	21	3	24	5	2	7	26	5	31
Integrated Farming Systems	1		<u> </u>		5	2	7	27	3	
		22		23						30
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	2	43	4	47	10	4	14	53	8	61
GRAND TOTAL	91	1296	208	1504	822	202	1024	2118	410	2528

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

	No. of				No. of	Participant	s	r		
Area of training	Courses	Male	General Female	Total	Male	SC/ST Female	Total	Male	Grand Tota Female	l Total
Nursery Management of		Maic	Female	Total	Maic	remate	Total	Maic	remate	Total
Horticulture crops	1	22	2	24	9	2	11	31	4	35
Training and pruning of										
orchards	0			0			0	0	0	0
Protected cultivation of										
vegetable crops										
Commercial fruit				•			•			•
production	0			0			0	0	0	0
Integrated farming	1	20	2	22	6	2	8	26	4	30
Seed production	0			0			0	0	0	0
Production of organic inputs	1	26	2	28	16	8	24	42	10	52
Planting material production	0			0			0	0	0	0
Vermi-culture	1	38	3	41	15	6	21	53	9	62
Mushroom Production	1	21	2	23	5	3	8	26	5	31
Bee-keeping	1	20	2	22	6	2	8	26	4	30
Sericulture	0			0			0	0	0	0
Repair and maintenance of										
farm machinery and										
implements	0			0			0	0	0	0
Value addition	1	21	2	23	9	3	12	30	5	35
Small scale processing	0			0			0	0	0	0
Post Harvest Technology	0			0			0	0	0	0
Tailoring and Stitching	0			0			0	0	0	0
Rural Crafts	0			0			0	0	0	0
Production of quality										
animal products	0			0			0	0	0	0
Dairying	1	31	1	32	9	1	10	40	2	42
Sheep and goat rearing	1	28	1	29	12	3	15	40	4	44
Quail farming	0			0			0	0	0	0
Piggery	1	33	1	34	18		18	51	1	52
Rabbit farming	0			0			0	0	0	0
Poultry production	1	20	2	22	5	3	8	25	5	30
Ornamental fisheries	0			0			0	0	0	0
Composite fish culture	1	20	2	22	6	2	8	26	4	30
Freshwater prawn culture	0			0			0	0	0	0
Shrimp farming	0			0			0	0	0	0
Pearl culture	0			0			0	0	0	0
Cold water fisheries	0			0			0	0	0	0
Fish harvest and processing										
technology	0			0	<u></u>		0	0	0	0
Fry and fingerling rearing	0			0			0	0	0	0
Any other (pl.specify)	0			0			0	0	0	0
TOTAL	13	285	25	332	115	38	153	400	63	463

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

	No. of				No. of	Participant	S			
Area of training	Courses	Male	General Female	Total	Male	SC/ST Female	Total	Male	Grand Tota Female	l Total
Nursery Management of		Maie	remale	Total	Male	remaie	Total	Maie	remaie	Total
Horticulture crops										
Training and pruning of										
orchards										
Protected cultivation of										
vegetable crops	1	14	6	18	3	3	24	17	9	26
Commercial fruit										
production										
Integrated farming										
Seed production										
Production of organic										
inputs										
Planting material		<u></u>								
production										
Vermi-culture	1	13	5	18	6	8	14	19	13	32
Mushroom Production	1	12	2	14	11	2	13	23	4	27
Bee-keeping	1	13	12	25	4	10	14	17	22	39
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	1	18	3	21	7	2	9	25	5	30
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture	1	13	2	15	12	3	15	25	5	30
Freshwater prawn culture	<u> </u>	13		13	14		10		<u> </u>	30
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	6	83	30	111	43	28	89	126	58	184

$\begin{tabular}{ll} Training for Rural Youths including sponsored training programmes - CONSOLIDATED (On + Off campus) \end{tabular}$

	No. of				No. of	Participan	ts			
Area of training	Courses		General			SC/ST			Grand Tota	ıl
_	Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	1	22	2	24	9	2	11	31	4	35
Training and pruning of orchards										
Protected cultivation of vegetable crops	1	14	6	20	3	3	6	17	9	26
Commercial fruit production										

Integrated farming	1	20	2	22	6	2	8	26	4	30
Seed production										
Production of organic										
inputs	1	26	2	28	16	8	24	42	10	52
Planting material										
production					0.4					
Vermi-culture	2	51	8	59	21	14	35	72	22	94
Mushroom Production	2	33	4	37	16	5	21	49	9	58
Bee-keeping	2	33	14	47	10	12	22	43	26	69
Sericulture										
Repair and maintenance										
of farm machinery and										
implements Value addition	1	21	2	23	9	3	12	30	5	35
Small scale processing	ı	۷۱		23	9	3	12	30	3	33
Post Harvest Technology									1	
Tailoring and Stitching										
Rural Crafts										
Production of quality										
animal products	0	0.4		07	4.4		40	20	0	40
Dairying Sheep and goat rearing	2	24 24	3	27	14	5 5	19	38	8	46
Quail farming	2	24	3	27	14	5	19	38	8	46
					- 10		- 10			
Piggery	1	33	1	34	18		18	51	1	52
Rabbit farming										
Poultry production	1	20	2	22	5	3	8	25	5	30
Ornamental fisheries										
Composite fish culture	2	33	4	37	18	5	23	51	9	60
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and										
processing technology										
Fry and fingerling rearing					_					
Any other (pl.specify)										
TOTAL	19	368	55	423	158	66	224	526	121	647

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

	No. of				No.	of Partici _l	oants			
Area of training	Courses		General			SC/ST		(Grand Tota	al
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management	2	46	0	46	4	0	4	50	0	50
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs	1	24	0	24	1	0	1	25	0	25
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	1	22	0	22	3		3	25	0	25
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL	4	93	0	93	7	0	7	100	0	100

	No. of				No.	of Particip	oants			
Area of training	Courses		General			SC/ST			Grand Tota	
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	1	22	0	22	3	0	3	25	0	25
Integrated Pest Management	1	21	1	22	3	0	3	24	1	25
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology	1	20		20	5		5	25	0	25
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	1	21	1	22	3	0	3	24	1	25
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL	3	63	1	64	11	0	11	74	1	75

Training programmes for Extension Personnel including sponsored training programmes –

CONSOLIDATED (On + Off campus)

CONSOLIDATED (On + Of	1 campt									
				icipant						
		Gene	ral		SC/ST	<u> </u>		Gran	d To	tal
Area of training	No. of Cour ses	Mal e	Fe ma le	Tota l	Male	F e m a l	Tot al	Mal e	F e m al e	Tot al
Productivity enhancement in										
field crops	1	22	0	22	3	0	3	25	0	25
Integrated Pest Management	3	67	1	68	7	0	7	74	1	75
Integrated Nutrient management										
Rejuvenation of old orchards	1	24	0	24	1	0	1	25	0	25
Protected cultivation technology	1	20	0	20	5	0	5	25	0	25
Production and use of organic										
inputs	1	25	0	25	0	0	0	25	0	25
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	2	45	0	45	5	0	5	50	0	50
Livestock feed and fodder										
production	1	22	0	22	3	0	3	25	0	25
Household food security	-						_		Ť	
Any other (pl.specify)										
TOTAL	9	201	1	202	23	0	23	224	1	225

Table. Sponsored training programmes

	No. of Courses				No.	of Particip	ants			
Area of training			General			SC/ST		(Grand Tota	al
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops										
Commercial production of vegetables	1	35	21	56	23	21	44	58	42	100
Production and value addition										
Fruit Plants	4	86	12	98	48	4	52	134	16	150
Ornamental plants	1	20	0	20	5	0	5	25	0	25
Spices crops	1	25	0	25	0	0	0	25	0	25
Soil health and fertility management										
Production of Inputs at site										

Methods of protective cultivation										
Others (pl. specify)										
Total	7	166	33	199	76	25	101	242	58	300
Post harvest technology and value addition										
Processing and value addition										
Others (pl. specify)										
Total	1	22	0	22	3	0	3	25	0	25
Farm machinery	1	20	0	20	5	0	5	25	0	25
Farm machinery, tools and implements										
Others (pl. specify)										
Total	7	154	1	155	20	0	20	174	1	175
Livestock and fisheries										
Livestock production and management	1	25	0	25	0	0	0	25	0	25
Animal Nutrition Management										
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management	1	17	0	17	22	11	33	39	11	50
Others (pl. specify)										
Total	2	42	0	42	22	11	33	64	11	75
Home Science										
Household nutritional security										
Economic empowerment of women										
Drudgery reduction of women										
Others (pl. specify)										
Total										
Agricultural Extension										
Capacity Building and Group Dynamics	1	20	0	20	5	0	5	25	0	25
Others (pl. specify)										
Total										
GRAND TOTAL	12	228	75	303	103	94	197	331	169	500

Name of sponsoring agencies involved:

i-Deptt. of Hurticulture, Ambedkar Nagar ii- Deptt. of Agrilcuture, Ambedkar Nagar iii- Deptt. of Husbandry, Ambedkar Nagar ii- Deptt. of Fisheries, Ambedkar Nagar

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

	No. of				No. of	Participan	ts			
Area of training	Cours		General			SC/ST			Grand Tota	al
	es	Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Commercial floriculture										
Commercial fruit production	1	20	2	22	7	1	8	27	3	30
Commercial vegetable production	1	23	1	24	5	1	6	28	2	30
Integrated crop management										
Organic farming										
Others (pl. specify)										
Total	2	43	3	46	12	2	14	55	5	60
Post harvest technology and value addition										
Value addition	1	18	2	20	4	6	10	22	8	30
Others (pl. specify)					_					
Total	1	18	2	20	4	6	10	22	8	30
Livestock and fisheries		•								

D : C :	1	23		23	12	1	13	35	1	36
Dairy farming	- '	23		0	12	'	0	0	0	0
Composite fish culture		22		22	9	4	10	31	1	32
Sheep and goat rearing	1					1				
Piggery	1	23		23	9	1	10	32	1	33
Poultry farming				0			0	0	0	0
Others (pl. specify)	1	24	1	25	5		5	29	1	30
Total	4	92	1	93	35	3	38	127	4	131
Income generation activities										
Vermicomposting										
Production of bio-agents, bio- pesticides,	1	17	3	20	7	3	10	24	6	30
bio-fertilizers etc.										
Repair and maintenance of farm machinery										
and implements										
Rural Crafts										
Seed production										
Sericulture										
Mushroom cultivation	1	18	3	21	3	12	15	21	15	36
Nursery, grafting etc.										
Tailoring, stitching, embroidery, dying etc.										
Agril. para-workers, para-vet training										
Others (pl. specify)										
Total	1	17	3	20	7	3	10	24	6	30
Agricultural Extension										
Capacity building and group	0.4	0.4	0.4	0.4	0.4		0.4	0.4	0.4	0.1
dynamics	31	31	31	31	31	31	31	31	31	31
Others (pl. specify)										
Total	31	31	31	31	31	31	31	31	31	31
Grand Total	10	206	15	221	68	29	97	274	44	318

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	154	328		328
Diagnostic visits	233	342		342
Field Day	12	243		243
Group discussions	2	67		67
Kisan Ghosthi	45	7429	36	7465
Film Show	4	254		254
Self -help groups	4	86		86
Kisan Mela	5	17973	112	18085
Exhibition	4	17630	17	17647
Scientists' visit to farmers field	254	1229		1229
Plant/animal health camps	3	143		143
Farm Science Club	3	57		57
Ex-trainees Sammelan	4	125		125
Farmers' seminar/workshop	6	1128		1128
Method Demonstrations	3	15		15
Celebration of important days	7	3481		3481
Special day celebration	3	314		314
Exposure visits	2	1750		1750
Others (pl. specify)				0
Total	748	52594	165	52759

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	1
Extension Literature	4
News paper coverage	136
Popular articles	9
Radio Talks	6
TV Talks	
Animal health amps (Number of animals treated)	2 (219) animals)
Others (pl. specify)	
Total	154

Mobile Advisory Services

		Type of Messages						
Name of KVK	Message Type	Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	59	23	11		46		138
	Voice only							
	Voice & Text both							
	Total Messages	59	23	11		46		138
	Total farmers Benefitted							12326

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	3	236	crop/livestock technology
	Lectures organised	17	238	crop/livestock technology
	Exhibition			
	Film show			
	Fair			
	Farm Visit	11	223	
	Diagnostic Practicals	15	34	
	Distribution of Literature (No.)	4	254	
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)	34400	360	
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week	34435	1345	

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

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals	Wheat	BPW-107,	32	125120	120	
	Paddy	Saju-92	70	231000		
	Total		102	356120	120	
Oilseeds						
Pulses						
i uises						
Commercial crops	3					
Vegetables						
vegetables						
Flower crops						
a :						
Spices						
Fodder crop seeds						

Fiber crops			
Forest Species			
Others			
Total			

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						
	Vegetable	Califlower	Girja			25
Vegetable seedlings	seedlings			6230plants	4900	
		Cabbage	Diamond	6250plants	~ 000	25
		C1 :11:	Express	c250 1 ·	5000	2.5
		Chilli	Gomati	6250plants	5000	25
Fruits		Brinjal	Navkiran	6250plants	5000	25
	Fruits	Papya	Madhu	740 plants	3750	25
0						
Ornamental plants						
Medicinal and Aromatic						
Wedternar and Thomatic						
Plantation						
1 Iditation						
Spices						
Tuber						
	Napier	Narendra				58
		Hybrid				
Fodder crop saplings		Napier-9		18500saplings	18100	
T						
Forest Species						
Others						
Oniois						
Total				37960	36750	163

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)	Cary Shyama		600	113100	
Japanese Quail					
Turkey					
Emu					
Ducks					
Others (Pl. specify)					
Piggery					
Piglet					
Others (Pl.specify)					
Fisheries					
Indian carp	Rohu,		132	1840	
	Silvercarp, grass				
Exotic carp	carp		147	1940)
Others (Pl. specify)					
Total			879	116880)

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)
	462	2014		
Soil			7	
Water				
Plant				
Manure				
Others (pl.specify)				
	462	2014		
Total			7	

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Number of SACs conducted	Date of SAC
Ambedkar Nagar	1	16.01.2022

IX. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution
Vikash ki Ranhe	1000

X. PUBLICATIONS

Category	Number	
Books		
Technical bulletins	4	
Research Paper	10	
Lead Papers		
Book Chapters	4	
Popular Articles	12	
Newsletters	1	
Technical reports	5	
Others (pl. specify)		

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

Activities conducted							
No. of Training programmes No. of Demonstration produced No. of plant materials produced Visit by farmers officials (No.)							
	1		12420		12		

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

	Meeting	gs	Gosthie	es	Field	l days	Farme	rs fair	Exhibitio	n	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 (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

Each Zone should propose a minimum of three case studies with good action photographs (with captions on the backside of the hard copy of the photos) on the following topics

- a) Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise
- b) Performance of the end results of any one technology assessed, its refinement if any and its impact in district agriculture with respect to that crop or enterprise
- c) Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/enterprise/bio-product

The general format for preparing the above case studies are furnished below Name of the KVK

TITLE

Introduction

KVK intervention

Output

Outcome Impact

CASE STUDIES / SUSCESS STORY-1

Name of KVK-Ambedkar Nagar

Title-Dairy farming a source of generation of income and employment

NAME OF KVK: KVK, AMBEDKAR NAGAR

Farmer's name: Sri Santosh Kumar Verma

Father, s Name: Shri Lal Chand Verma

Village: Harriya, Block: Baskhari,

Distt.: Ambedkar Nagar, U.P.

INTRODUCTION:

Sri Santosh Kumar Verma is a progressive youth farmer of Village Harriya, Block- Baskhari, Ambedkar Nagar having 3 acre cultivated land. He received degree of graduation in 2012 and decided doing agriculture as his main occupation with 2-3 dairy animals for self employment living in village.

KVK INTERVENTION:

During year 2020-21 KVK Ambedkar Nagar organized vocational training on Scientific Dairy Farming in which Mr. Santosh Verma participated and learned the skill and knowledge for scientific dairy farming and sowed the eagerness and for dairy farming. During the year 2016-17 in guidance of KVK scientists he established dairy farm of capacity of 25 Holestien Friesian cows with financial assistance taken by Bank and producing more milk and started supply milk to Parag dairy through Dugdh Samiti as his income has gone up. At present he produce about 9000 liters milk monthly with cow dung manures of nearly 100 Q. monthly. This improved his economic condition and family status.

EXPENDITURE & OUTCOMES:

Monthly Expenditure-

Expenditure on feed & fodder Average Rs. 160/- day /animals: 25x160x30 = Rs. 1, 20,000/Labour cost Average 2 Labour per day @ Rs.400/day x30 = Rs. 1, 20,000/Medicine & other miscellaneous expenditure = Rs. 4,000/
Monthly total Expenditure- = Rs. 1, 36,000/-

Monthly Income-

Monthly Av. Milk production from 20 dairy cows: 15.40 Liters x $20 \times 30 = 9240$ Litters Income from milk -9240 liters milk with av. rate of Rs. 26.5 / liter milk = Rs. 2, 44,860/- Income from farm yard manure 100Q. @ Rs.200/ Q. = Rs. 20,000/-

Monthly Total income Net Income =Rs. 2, 64,860/-=Rs. 1, 28,860/-



IMPACT:

By seeing and believing and success of Mr. Santosh Verma dairy enterprise, other villagers are also trying to start dairy farming and buying Holstein Friesian, Jersy cows and Murrah buffaloes breeds of dairy animals.

CASE STUDIES / SUSCESS STORY -2

TITLE- Scientific tomato cultivation on raised bed and staking method for better production and income.

Name: Sri Ram Sankar Maurya

Father Name: Sri Asha Ram Maurya,

Vill- Naryanpur Block-Katehari,

District- Ambedkar Nagar, U.P.

Introduction:- <u>Sri Ram Shankar Maura</u> is 28 years He cultivated rice-wheat crops and tomato but he faced poor production of tomato due to attack of diseases and poor fruit quality. He has land holding-3 acre. Previously, he cultivated rice-wheat crops and tomato some vegetables but he faced poor production due to attack of diseases and poor fruit quality.

KVK interventions and Support:- KVK, Ambedkar Nagar imparted Capacity building Training on Scientific vegetable production in July,2021 in which <u>Sri Ram Shankar Maura</u> participated and he acquired the knowledge about tomato production on ridge planting, staking method to reduce the weed infestation and moister loss and disease incidence in the spacing of 75X45 cm., fertilizer dose NPK-120:60:50 kg/ha. The ridge planting, staking in tomato, yield increased up to 52.33% as compared to flat planting (FP) of tomato increase efficient use water, promote the plant growth due to better root development, recued the water loss, disease incidence and added increases income to the farmers.

Output: - <u>Sri Ram Shankar Maura</u> applied the recommended doses of fertilizers NPK120:60:50 kg /ha in hybrid tomato crop as per suggestion of KVK scientists. He recorded cost of cultivation Rs.62100/ha., gross return- Rs. 280300/ha and B: C ratio-4.5:1. He got total net profit from TomatoVariety-Avinash-1 in one ha.- Rs. 2,18,200/-

Outcome:- The outcome of this demonstration motivated the farming communities of nearby villages to replace their old varieties by Hybrid Tomato varieties. Sri Ram Shankar Maura is very

happy on improvement in their income, livelihood by latest scientific technology of tomato and other seasonal vegetable production.

Impact:- <u>Sri Ram Shankar Maura</u> is becoming one of the progressive and learned farmers for others with regards to popularization of technology of tomato production on raised bed, staking with improved variety. This technology helps him for livelihood, empowerment. Now this techniques is adopted by 12 farmers in his village adopted this technology by seeing and believing.



Field of Sri Rama Shankar Maurya of tomato production on raised bed and staking method

CASE STUDIES / SUSCESS STORY -3

Name of KVK- Name of KVK-Ambedkar Nagar

Title: Mustard-Pant Yellow Mustard-1 becoming popular in farmers' for their yielding trait.

Name of farmer: Satrugn Singh

Address: Village-Panti, Post-Manshapur

Block-Katehari, District- Ambedkar Nagar, U.P.

Introduion:- Mr. Satrugn Singh, village-Panti & Post- Manshapur Block:Katehari ,District:Ambedkar Nagar, a farmer who was selected for this demonstration. He was earlier involved with local variety of mustard Vardan or Varuna. These varieties were low in yield

Plan, Implement and Support:- KVK Ambedkar Nagar tries to make them aware regarding scientific cultivation of mustard. That starts from land preparation to harvesting. This KVK has encouraged the farmer for soil testing and on the basis of that farmer was advised for balanced dose of chemical fertilizer with high yielding variety DRMRIJ-31 (Giriraj). That was sown on 12-10-2020 with line sowing and fertilizer application was done with basal application in which half dose of nitrogen full dose of SSP and full dose of MOP as recommended. Rest nitrogen used after first irrigation.

Output:- Mr. Satrugn Singh adopted the the balanced dose of chemical, fertilizer (N:P:K:S::120:60:40:30) kg/ha in mustard crop as per suggestion of KVK's scientist for his 0.4ha land. His local yield was 13.20 qt/ha with recommended technology. His yield increased by 15.90% with yield 15.30 qt/ha. The economical gain in terms of per unit expenditure gross income, net return and BCR are recorded. Rs 23400, Rs. 61200, Rs. 37800 and 2.60 correspondingly.

Outcome:- Mustard crop is the major oilseed crop of the district. KVK Ambedkar Nagar conducted 41 demonstrations in 01 village during 2017-18 in an area of 20 ha at farmers' field with using HYV DRMRIJ-31 (Giriraj). and balanced dose of chemical fertilizer (N:P:K:S::120:60:40:30) kg/ha. This variety has been disseminated in 25 villages of the district in area of approximately 90ha. The outcome of this demonstration motivated the farming communities to replace their old varieties, non-descriptive varieties. Mr. Rahul Singh is very happy on improvement in their income, livelihood and set forth example for others.

Impact:- Mr. Satrugn Singh is becoming one of the progressive and learned farmers for others with regards to popularization of DRMRIJ-31 (Giriraj). This technology helps him for livelihood, empowerment and make him enthusiastic regards oilseed production. He is one of the progressive farmer after a becoming a part of KVK activities and get their effectiveness for his own development. Mr. Satrugn Singh is very happy with this improved production and management technology and set forth example for other farmers of the district.



KVK scientists visited field of Mr. Satrugn Singh Mustard field

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