KRISHI VIGYAN KENDRA AMBEDKAR NAGAR

ANNUAL PROGRESS REPORT (Jan. 2023 – March, 2024)

APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	61	1331	553	1884
Rural youths	16	428	126	554
Extension functionaries	04	100	00	100
Sponsored Training	03	094	09	103
Vocational Training	4	97	8	105
Total	88	2050	696	2746

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	162	60	
Pulses	115	42.2	
Cereals	80	25	
Vegetables	6	0.6	
Other crops	45	2.0	
Hybrid crops			
Total	317	99.5	
Livestock & Fisheries	5		3units&5 animals
Other enterprises	10		10 units
Total	15	-	13units & 5 animals
Grand Total	**438**	**129.8**	**13 units &5animals**

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	4	20	20
Livestock	2	10	10
Various enterprises			
Total	**6**	**30**	**30**
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	**6**	**30**	**30**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	302	**19668**
Other extension activities	7	
Total	**307**	**19668**

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Mark e-ting	Awar e-ness	Other enterp rise	Total
	Text only	23	6	5		26	3	63
	Voice only							
	Voice & Text both							
	Total Messages	**22**	**6**	**5**		**26**		**63**
	Total farmers Benefitted							**12823**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q.)	30.5	97600
Planting material (No.)	15700	38840
Bio-Products (kg)		
Livestock Production (No.)		
Fishery production (No.)		

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	856	
Water		
Plant		
Total	**856**	

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	3
2	Conferences	4
3	Meetings including virtual meeting	16
4	Trainings for KVK officials	4
5	Visits of KVK officials	4
6	Book published	1
7	Training Manual	2
8	Book chapters	2
9	Research papers	4
10	Lead papers	-
11	Seminar papers	2
12	Extension folder	2
13	Proceedings	1
14	Award & recognition	2
15	Ongoing / submitted research projects	2

Revolving Fund : Rs. 5,25,000
Produce : Rs. 4,30,000
Total : Rs. 9,55,000

DETAIL REPORT OF APR-(Jan.-Dec., 2023)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail	Website
Krishi Vigyan Kendra Village-Panti Post-Manshapur Distt.-Ambedkarnagar-224168	Office 05271-216664 Mo-9918622745	FAX	pckvkambedkarnagar@gmail.com	Ambedkarnagar.kvk4.in

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, Ayodhya-224229 (U.P.)	05270-262821	05270-262821	denduat@gmail.com	www.nduat.ac.in www.nduat.co.in

1.3. Name of the Senior Scientist & Head with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Ram Jeet	KVK, Ambedkar Nagar	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, 2023)

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 Scientist & Head	Dr. Ram Jeet	Senior Scientist/Head	Gentics and Plant Breeding	37400-67000	147900	1st. August, 2013	Permanent	SC	9918622745	44	pckvkambedkarnagar@gmail.com
2	Subject Matter Specialist	Dr. Shashank Shekher Singh	S.M.S./Asstt. Prof., Horticulture	Horticulture	15600-39100	107200	11 Jan., 2005	Permanent	Others	8738065758	56	Sssingh666@gmail.com
3	Subject Matter Specialist	Dr. Vidya Sagar	S.M.S./Asso. Prof., Animal Science	Animal Science	37400-67000	152300	12th January, 2005	Permanent	OBC	9455053228	50	vsnduat72@gmail.com
4	Subject Matter Specialist	Dr. Pradeep Kumar	S.M.S./Asstt. Prof., Plant Pathology	Plant Pathology	15600-39100	101100	11th March, 2005	Permanent	OBC	9415728438	58	pkumarcdmr@gmail.com
5	Subject Matter Specialist	Dr. Ram Gopal	S.M.S., Agronomy	Agronomy	15600-39100	71100	26th July, 2013	Permanent	OBC	9793130452		
6	Subject Matter Specialist	Dr. Rekha	S.M.S., Extension/Home Science	Agriculture Extension	15600-39100	71100	14th August, 2013	Permanent	SC	7379368012		
7	Subject Matter Specialist	Vacant	Agriculture Engineering									
8	Programme Assistant	Vacant	Programme Assistant	-								
9	Computer Programmer	Smt. Shashi Prabha Anan	Programme Assistant/ Computer Programmer	Computer Programmer	9300-34800	38700	26th August, 2019	Permanent	SC	9026481607		
10	Farm Manager	Shri Jai Prakash Ram	Programme Assistant/Farm Manager	Farm Manager	9300-34800	64100	31th March, 2005	Permanent	SC	9651265298		
11	Accountant / Superintendent	Sri. Suresh Pratap Singh	Accountant / Superintendent		9300-34800	56900	17th Mar. 2016	Permanent	GN	9454471922	39	sureshosnduat@gmail.com
12	Stenographer	Sr.Gangesh Giri	Computor Operator	Computer Science	5200-20200	27900	02nd Sept.,2019	Permanent	OBC	6306732954	25	gangeshgiri1012@gmail.com
13	Driver	Sri. Sandeep	Driver cum	-	5200-	21700	06th	Permanent	OBC	9415300820	29	

		Kumar	Mechanic		20200		Sept.,2019					
14	Driver	Vacant										
15	Supporting staff	Vacant										
16	Supporting staff	Vacant										

1.7. Infrastructural Development:

A) Buildings

	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs. in Lakh)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR 100%	Sept13	550	82.50	2011		Completed
2.	Farmers Hostel	ICAR 100%		305	45.75	2011		completed
3.	Staff Quarters (6)	ICAR 100%	Dec.,2014	400	60.00	2011		completed
4.	Rain Water harvesting system/Fish Pond	MANREGA	2019					Completed

Achievements under RKVY Yojna

1.	Boundary Wall	RKVY,U.P.	1430 RM	139.49	2021	Completed
2.	Solar Pump of 7.5 HP for irrigation of Crops and deep/Shallow boring	RKVY,U.P.	2 Nos.	13.42	2021	Completed
3.	Demonstration Units –Poultry shed	RKVY,U.P.	1 No.	10.17	2021	completed
4.	Entrance Gate	RKVY,U.P.	2 Nos.	1.88	2021	Completed
5.	Threshing floor	RKVY,U.P.	1 No.	6.72	2021	completed
6.	Implement Shed	RKVY,U.P.	1 No.	5.51	2021	completed
7.	CC Road	RKVY,U.P.	532.20 m^2	12.71	2021	completed
8.	Strengthening of Training Hall	RKVY,U.P.		6.53	2021	completed
9.	Solar Energy Supply Unit of 5 Kw Capacity (No. 318/38/2018-GCRT)	RKVY,U.P.		4.70	2021	completed
10.	Providing and Installation of Street Light 36 Watt	RKVY,U.P.	8 Nos.	2.10	2021	completed
11.	Scientific Museum	RKVY,U.P.	4 Nos.		2021	completed
12.	Land Levelling and Bunding	RKVY,U.P.	10 ha.	10.00	2021	Completed
13.	Farm go down					Budget not allotted

1.8. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	2.0
2.	Under Demonstration Units	0.5
3.	Under Crops	5.0
4.	Orchard/Agro-forestry	0.5
5.	Pond	0.5
5.	Others (specify)	10.023
	Total	**18.523**

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status	Required replacement
Tractor	2011	426000		Good	
Jeep	2011	476596	155200 Km	Good	

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2011	426000	2600Hrs.	Good
Jeep	2011	476596	193,249 Kms.	Good

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

1.9. A). Details SAC meeting* conducted in the year- 1
**** Attach a copy of SAC proceedings along with list of participants***

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; ÁksQslj fotsUnz flag ,oa ÁksQslj ,-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 lEiUu 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 d`f"k ,oa izkS|ksfxd fo'of|ky;] dqekjxat] v;ks/;k	v/;{k
2.	MWk0 ,l- ds- nwcs] iz/kku oSKkfud ¼izlkj½] Hkk-d`-vuq-i-] vVkjh] dkuiqj	lnL;
3.	MWk0 jk?kosUnz dqekj flag] iz/kku oSKkfud ¼m|ku½] Hkk-d`-vuq-i-] vVkjh] dkuiqj	lnL;
4.	MkW0 jke thr] ofj"B oSKkfud ,oa v/;{k] ds-oh-ds-] vEcsMdj uxj	Lfpo
5.	MWk0 /keZjkt flag] ftyk d`f"k vf/kdkjh@mi d`f"k funs'kd] vEcsMdj uxj	lnL;
6.	MWk0 jkt eaxy pkS/kjh] Hkwfe laj{k.k@ikS/k lqj{kk vf/kdkjh] vEcsMdj uxj	lnL;
7.	Jh lat; dqekj jLrksxh] ftyk m|ku vf/kdkjh] vEcsMdj uxj	lnL;
8.	Jh jekdkar ik.Ms;] izHkkjh dk;Zdkjh vf/kdkjh erL;] vEcsMdj uxj	lnL;
9.	Jh foosd f=osnh] ,fj;k eSustj b~Qdks] vEcsMdj uxj	lnL;
10.	Jh vkj- okbZ- /kqfl;k] izHkkjh vf/kdkjh] Qy laj{k.k] vEcsMdj uxj	lnL;
11.	Jh vkj- ch- ;kno] mik;qDr jk'Vªh; vkthfodk fe'ku] vEcsMdj uxj	lnL;
12.	Jh vk'kh"k flag] ,y- Mh- ,e-] vEcsMdj uxj	lnL;
13.	Jh vt; dqekj oekZ] Mk;jsDVj] vkj- ls- Vh-] vEcsMdj uxj	lnL;
14.	Jh jke dqcsj] izHkkjh e`nk ifj{k.k iz;ksx'kkyk] vEcsMdj uxj	lnL;
15.	Jh jke #i] ifjoh{kd] ijkx Ms;jh] vEcsMdj uxj	lnL;
16.	Jh jek 'kadj ekS;Z] izxfr'khy d"`kd] ukjk;.kiqj] vEcsMdj uxj	lnL;
17.	Jh n;k "kadj xkSaM] izxfr'khy d`"kd] dchjiqj] vdcjiqj] vEcsMdj uxj	lnL;
18.	Jh d`".k dqekj flag] izxfr'khy d`"kd] nqYykiqj] HkhVh] vEcsMdj uxj	lnL;
19.	Jherh 'kkjnk oekZ] izxfr'khy efgyk d`"kd] vEcsMdj uxj	lnL;
20.	Jherh 'kdqaryk ;kno] izxfr'khy egfyk d`"kd] ikarh] dVsgjh] vEcsMdj uxj	lnL;
21.	Jh vkuan flag] izxfr'khy d`"kd] laxzkeiqj]vdcjiqj] vEcsMdj uxj	lnL;
22.	Jh jke pj.k oekZ] izxfr'khy d`"kd] eejstiqj] Vk.Mk] vEcsMdj uxj	lnL;
23.	Jh jktsUnz 'kekZ] izxfr'khy d`"kd] vk'kkthriqj] HkhVh] vEcsMdj uxj	lnL;
24.	Jh lquhy dqekj oekZ] izxfr'khy d`"kd] ikarh] dVsgjh] vEcsMdj uxj	lnL;

25.	Jh gfj lgk; oekZ] izxfr’khy d`"kd] ea’kkiqj]dVsgjh] vEcsMdj uxj	lnL;
26.	MkW0 fo|k lkxj] fo"k; oLrq fo’ks"kK i’kq&ikyu] ds-oh-ds-] vEcsMdj uxj	lnL;
27.	MkW0 iznhi dqekj] fo"k; oLrq fo’ks"kK ikni lqj{kk] ds-oh-ds-] vEcsMdj uxj	lnL;
28.	MkW0 jke dqekj] dk;Zdze lgk;d@izHkkjh m|ku] ds-oh-ds-] vEcsMdj uxj	lnL;
29.	Jh ,l- ih- flag] dk;kZy; v/kh{kd] ds-oh-ds-] vEcsMdj uxj	lnL;
30.	Jh jktsUnz oekZ] iz{ks= izca/kd] ds-oh-ds-] vEcsMdj uxj	lnL;
31.	Jh xaxs’k fxfj] LVsuksxzkQj] ds-oh-ds-] vEcsMdj uxj	lnL;

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- Áoh.k dqekj] fo"k; oLrq fo'ks"kK 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- Ánhi 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- Áoh.k dqekj] fo"k; oLrq fo'ks"kK ¼m|ku½
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 ¼i'kqikyu½a
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;® ,oa vfrfFk;® d¨ /kU;okn ds mijkUr v/;{k eg®n~; dh vuqefr ls dk;Zokgh lekIr dh xbZA

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2. DETAILS OF DISTRICT (31st December, 2023)

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 fertility, deepwater table	55%
2.	Sandy loam	Major area under irrigation, source of irrigation canal	18%
3.	Clay loam & alluvial	Low land, shallow water table, some portion sodic soil	27%

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. Temperature ^{0} C		Av. Relative Humidity (%)
		Maximum	Minimum	
July-September, 2019	1256.50	43	31	62

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 (2023-24)

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.	Katehari	Katehari	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 production	Enhancement in milk yield of cattle and buffalo
Horticultural Crop production	Promotion of fruit crops (Aonla. Mango, Banana, Agro- forestry)
Entrepreneurial development	Entrepreneurship development in dairy, poultry, 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 farmers	Enhance the income of farmers per unit area by 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 Jan-Dec., 2023

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
10	6	50	30	100	99.5	200	332

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	40	61	1000	1880	400	331	20,000	20568
Rural youth	10	16	300	554				
Ext., Functionaries	5	4	125	100				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
75	30.5	56	10000	10030	62

3-B: Intervention/ Programmes for the doubling the farmers income – during 2023 Demonstrations

1-Intercropping-Banana+Cabbage

Before 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**
Intercropping System (Kharif) – Banana-Varity-G-9	814	-	814	135000	691900	5,56,900	1:4.13	

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**
Intercropping System(Kharif-Rabi)-Banana +Cabbage – Diamond Express	817	186.05	1003.05	Banana-Rs.1,25,000+Cabbage-Rs.17810 =142810	Banana-694450+ Cabbage - 93025 =787425	644665	1:5.51	

Expected Sale price- Banana- Rs. 850/Q., Cabbage -Rs. 500/Q

Intercropping of Banana with Cabbage

I. B. TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Sl.no.	Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
	Integrated Nutrient Management				
1.	Varietal Evaluation	Bottle gourd	Varietal evaluation of Bottle gourd	1	5
2.		Paddy	Evaluation of suitable medium duration variety of paddy	1	5
3.		Chilli	Evaluation of high yielding variety of Chilli	1	5
4.	Integrated Pest Management	Brinjal	Evaluation of Safer insecticide against shoot & fruit borer in Brinjal	1	5
5.		Chick Pea	Evaluation of safer insecticide against pod borer management in chick pea	1	5
6.	Integrated Disease Management				
7.	Integrated Crop Management				
8.	Small Scale Income Generation Enterprises				
9.	Weed Management	Wheat	Assessment of post emergence herbicides (PE) for control of grasses & broad leaf weeds for higher grain yield of wheat.	1	5
		Paddy	Assessment of post emergence herbicides (PE) for control of grasses & broad leaf weeds for higher grain yield of Paddy.		
10.	Resource Conservation Technology	Wheat	Assessment of wheat productivity and profitability through Super seeder	1	5
		Paddy	Assessment of Paddy productivity and profitability through Super seeder	1	5
11.	Farm Machineries				
12.	Integrated Farming System				
13.	Seed / Plant production				
14.	Post Harvest Technology / Value addition				

	Drudgery Reduction				
	Storage Technique				
	Others (Pl. specify)				
	Total			**9**	**45**

Summary of technologies assessed under livestock by KVKs

Sl. No.	**Thematic areas**	**Name of the livestock enterprise**	**Name of the technology assessed**	**No. of trials**	**No. of farmers**
1.	Disease Management				
	Evaluation of Breeds				
2.	Feed and Fodder management	H.F. Cow	Assessment of protein and minerals supplement on better milk production and to solve problems of prolapse of uterus in last month of pregnancy in cross bred H.F. cows	1	5
	Nutrition Management				
3.	Production and Management	Poultry	To assess the performance improved breeds of poultry for Back Yard Poultry Farming in traditional system of farming.	1	5
	Others (Pl. specify)				
	Total			**2**	**10**

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	**Enterprise**	**Name of the technology assessed**	**No. of trials**	**No. of farmers**
Varietal Evaluation	Bottle gourd	Varietal evaluation of Bottle gourd	1	5
	Paddy	Evaluation of suitable medium duration variety of paddy	1	5
	Chilli	Evaluation of high yielding variety of Chilli	1	5
	Bottle gourd	Varietal evaluation of Bottle gourd	1	5
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
Weed Management	Wheat	Assessment of post emergence herbicides (PE) for control of grasses & broad leaf weeds for higher grain yield of	1	5

		wheat.		
	Paddy	Assessment of Paddy productivity and profitability through Super seeder	1	5
Resource Conservation Technology				
	Wheat	Assessment of wheat productivity and profitability through Happy seeder	1	5
Disease Management	Paddy	Assessment of Paddy productivity and profitability through Super seeder	1	5
Nutrition Management	H.F. Cow	Assessment of protein and minerals supplement on better milk production and to solve problems of prolasp of uterus in last month of pregnancy in cross bred H.F. cows	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 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)

WEED MANAGEMENT

OFT-1

Technology Assessed or Refined (as the case may be): Assesment of post emergence herbicides (PE) for control of grasses & broad leaf weeds for higher grain yield of wheat.

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 wheat. The results indicated Spray of Sulpho sulphuron @ 25g a.i./ha+ metsulphuron methyl @ 4ga.i./ha at 30 to 35 days of sowing showed less no. of weeds and 32.3 per cent higher grain yield than farmer practice i.e. Spray of isoproturon @1kg a.i./ha. after 25 days of sowing.

Table: Effect of Sulpho- sulphuron+ met-sulphuron methyl herbicide on weed control & yield of wheat.

Technology Option	*No.of trials*	*Yield (qt./ha)*	*Increase in yield (%)*	*Net Return (Rs./ha)*	*B:C Ratio*
T1- Spray of Isoproturon @ 1kg a.i./ha. after 25 days of sowing (Farmer practice)	*05*	*39.6*	*--*	*40526*	*2.5*

T2-- Spray of Sulphosulphuron @ 25ga.i./ha+ metsulphuron methyl @ 4ga.i./ha at 30 to 35 days of sowing.		*52.4*	*32.3*	*62525*	*3.5*

Result: *Spray of Sulpho sulphuron @ 25g a.i./ha+ metsulphuron methyl @ 4ga.i./ha at 30 to 35 days of sowing showed less no. of weeds and 32.3 per cent higher grain yield than farmer practice i.e. Spray of isoproturon @ 1kg a.i./ha. after 25 days of sowing.*

RESOURCE CONSERVATION TECHNOLOGY

OFT-2
Problem definition: Lower productivity and profitability in Wheat cultivation

Technology Assessed or Refined : Assessment of wheat productivity and profitability by using Supper seeder.
The KVK Panti, Ambedkar Nagar conducted on-farm trial on "wheat sowing by Supper seeder was suitable for maximum productivity and decrease the cost of production.
T**able Effect of sowing wheat by using Happy seeder on productivity and profitability.**

Technology Option	No.of trials	Yield (t/ha)	% increased Yield	Net Returns (Rs./ha)	BC Ratio
Scattered sowing(Farmers Practice)	5	47.33	-	51827.2	1:2.47
Direct Sowing of wheat Happy seeder		51.20	8.18	61688.0	1:2.90

Result- Direct Wheat sowing by Supper seeder suitable for maximum productivity and increased yield 8.18 per cent.

PEST AND DISEASE MANAGEMENT

OFT-3

Problem definition: Low yield of Chick pea due to heavy infestation of pod borer insect.

Technology Assessed or Refined: Evaluation of safer insecticide against pod borer management in Chick pea.

KVK Ambedkar Nagar Uttar Pradesh took up on-farm trial on spry of insecticides to control of pod borer infection in chick pea. The results indicated that Foliar spray of insecticide Emamactin Benzoate 5SG@18g/l fallowed by Metalaxyl35WP@1g/lit. at pod formation stage performed the better control of pod borer in Chickpea crop with increase of 16.67 per cent yield .

Table: Effect of spry of insecticides to control of pod borer insect in chick pea

Technology Option	No.of trials	Incidence of pod borer (%)		Yield (q./ha)		% Increase in yield over farmer's practice
T1- Spray of Monocrotophos 36EC @ 1.5ml./lit.(Farmers Practice)	5	Trial	Check	Trial	Check	16.67

T2-- Foliar spray of insecticide Emamactin Benzoate 5SG@18g/l fallowed by Metalaxyl35WP@1g/lit. at pod formation stage (Recommended Practice)		Nil	14.29	24.00	20.57	

Result: Foliar spray of insecticide Emamactin Benzoate 5SG@18g/l fallowed by Metalaxyl35WP@1g/lit. at pod formation stage performed the better control of pod borer in Chickpea crop with increase of 16.67 per cent yield .

OFT on Evaluation of safer insecticide against control of pod borer in Chick pea by KVK Ambedkar Nagar

OFT-4

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/l. (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	Insect infection (%)		Yield (q./ha)		% Increase in yield over farmer's practice
		Trial	Check	Trial	Check	
T1- Spray of Cypermenthrin 5EC@ 2ml./lit.(Farmers Practice)	5	5.42	24.16	283.74	227.52	24.70
T2-- Spray of safer insecticide 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.

OFT on Evaluation of Safer insecticide against control of shoot & fruit borer *in Brinjal*-KVK Amebkar Nagar

LIVE STOCK ENTERPRISES

OFT-5

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***	**Parameter*-Problems of prolapsed of uterus during last stage of pregnancy**	***Av.Milk production (Lit./day)***	***% change in Yield***	***Grass cost(Rs./day.)***	***Grass income (Rs./day)***	***Net Income (Rs./day)***	***BC Ratio***
FP- *Feeding of paddy /wheat straw with limited green fodder and imbalance concentrate mixture*	*(6 lactating* H.F. cows.*)*	In 3 animals among six ,some extent problems have been in observed	*6.8*	---	*180*	*272*	*92*	*1:1.5*

T-1 *-FP* + Balance feeding with concentrate *and 50g.minerals mixture/day with de-worming 1st day and 60th day*		No problems found till now	*9.3*	*36.76*	*210*	*372*	*162*	*1:1.7*

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 de-worming give profitable production & reduce problem of prolapsed of uterus.

Distribution of Minerals mixture and Dewarmer among the farmers.

OFT-6

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 +medicine)/ bird	Gross Return/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/ farmer)	2.10Kg.	Incidence of Gombhoro &Coccidiosis diseases	Rs. 69/Kg.	Rs.159.9	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.		2.14Kg.	Coccidiosis in very less extent	Rs.76/Kg.	Rs.177.7	342.4	1:1.9

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

Result -Cary Shyama Poultry 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 2016-17 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1.	Pigeon pea	RCT	Pigeon pea Sowing in raized bed	Demonstrations and farm advisory services	52	134	84

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

b. Details of FLDs implemented during **2023-24** (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	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ ST	Others	Total	
1.	Pigeon pea	VE	HYV-NA-2	Kharif -2023	20	20	8	60	68	
2.	Wheat	VE	HYV-PBW-343	Rabi-2023	10	5	1	11	12	
3.	Bee Keeping	Enterprise	Apis Melifera	Rabi 2023	5units	5	1	4	5	
4.	Goat Keeping	Enterprise	Barbari goat	Year 2023	5 Animals	5	2	3	5	
5.	Multicut Chari	Green fodder VE	SSG-898	Zaid, 2023	1.0	1.0	3	17	20	
6.	Beseem fodder	Green fodder VE	JHTB-146	Rabi 2023	1.0	1.0	2	18	20	
7.	Mustard	Oil seed production-VE	R.H.-725	Rabi 2023	30	30	6	69	75	

8.	Sesamum	Oil seed production-VE	G.J.T. 5	Kharif -2023	10	10	3	22	25	
9.	Gram	VE	R.V.G .-202	Rabi 2023	10	10	2	23	25	
10.	Lentil	VE	L.K.-59-3	Rabi 2023	10	10	5	25	30	
11.	Mushroom	Enterprise	Oyster	Rabi 2023	5	1	4	5	5	
12.	Apiculture	Enterprise	Apis Melifera	Rabi 2023-24	5	5	1	4	5	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Pigeon pea	Kharif	Irrigated	Sandy loam	L	L	M	Wheat	Ist week of July,20	-	316mm	-
Gram	Rabi	Irrigated	Sandy loam	L	L	M	Paddy	Last week of October,2021	-	316mm	-
Mustard	Rabi	Irrigated	Sandy loam	L	L	M	Paddy	Ist week of October,2021	-	316mm	-

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Narendra Arahar -2– Farmers were satisfied for higher yield
2	Chick pea – RUG-203- Farmers reported more yield and less wilt
3	Mustard Girraj –Variety performed better yield than Pitambari variety

Farmers' reactions on specific technologies

S. No	Feed Back
1	Narendra Arhar-2 Sown on raised bed performed better production
2	Chick pea – RUG-203Sown with with line 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 Mustard— R.H.-725	12-01-2023	23	
2	Farmers Training	1-Production technology of Mustard	22-10-22	26	
		2-Production technology of Rabi Pulses	10-10-22	31	
3	Media coverage				
4	Training for extension functionaries	1-Seed production technology of of Pulse and oilseed crops	26-10-22	127	

Performance of Frontline demonstrations
CFLD on oilseed crops-

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Mustard																		
Mustard	VE	HYV	R.H.-775	50	30	Crop is in standing stage												
Sesamum	VE	HYV	GJT-5	31	10	6.5	5.9	6.2	4.5	37.7	32550	48548	15996	1.49	28650	35235	6585	1.23

* 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 Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Pigeon pea																		
	VE	HYV , Raised bed sowing	IPA-203	80	20	Crop is in standing stage												
Chickpea																		
	VE	HYV	RVG-203	25	10	25.5	20.8	24.8	18.6	33.3	24800	126480	101680	1:5.1	24400	94860	70460	1:3.9
Lentil																		

	VE	HYV	L.K-59-3	25	10	20.4	17.8	18.9	17.2	9.9	24500	96390	71890	1:3.9	23600	87720	64120	1:3.7

Expected Sale price/ MSP – Chick pea - Rs. 5100/Q. and Lentil - Rs. 5100/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

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average												
Cereals																			
Paddy	VE	VE-NDR-2065	25	10	60.7	54.8	57.75	49.50	16.67			34500	106260	71760	1:3.08	33900	91080	57180	1:2.69
Wheat																			
	VE	K- 1317	40	10	Crop is in standing stage														
Vegetables																			
Bottlegourd																			

Cabbage																			
Cauliflower																			
Turmeric																			
Fodder Crops																			
Sorghum (F)	VE	Multicut Chari-SSG-898	20	1.0	697	610	686	560	22.5			15469	137200	121731	1:8.87	14837	112000	97163	1:7.5
Berseem	VE	HYV-JHTB-146	20	1.0	Crop is in standing stage														

Expected Sale price / MSP Wheat- Rs. 2015/Q. , Sorghum- Rs. 200/Q. and Berseem 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

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)

Sheep & Goat	Goat farming	Improved breed-Barbari goat	3	5(3 female, 2 male)	9	7	28.54			29630	39050	9420	1:1.31	25260	31000	5740	1:1.23

* 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 Moong Variety IPM-302-02

FLD on Multi-cut Chari Variety SSG-8908

CFLD on Sesamum Variety GJT-5

FLD on Paddy Variety NDR-2065

Pigeon Pea Sown on Raised Bed Method

FLD on Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Common Carps																	

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

FLD on Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.) or Rs./unit				Economics of check (Rs.) or Rs./unit			
				Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Mushroom	Oyester Mushroom Production	5	5	35 kg./unit (20 bags)	23.5 kg./unit (20 bags)	48.93			1050	4200	3150	1:4	970	2820	1850	1:2.9
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

Expected Sale price/ MSP Mushroom- Rs. 120/Kg., Honey-Rs. 100/Kg.

III. Natural Farming

1) Crop Harvesting Details

Name of KVK	Crop Details Under Demonstration										Date of Sowing	Date of Harvesting
	Natural farming					Farmer's Practice						
	Name of Crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)	Name of crop	Variety	Area(ha)	Yield (Q/ha)	Total Cost of Cultivation (Rs./ha)		

2) Preliminary Soil Data of Natural Farming Field

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

3) Details of Demonstrations Conducted under Natural Farming Project

S. No.	Name of KVK	Name of village	Name of farmer	Mobile no. of farmer	Area under demonstration on Natural Farming (ha)
1	Ambedkar Nagar	Umarpur, Akbarpur	Sh. Atma Ram Maurya	8960456851	0.25 ha
2	Ambedkar Nagar	Adampur Tindauli, Katehari	Sh. Haribans Singh	9721135307	0.4
3	Ambedkar Nagar	Pigiriyaw, Bhiti	Sh. Dev Narayan Pandey	9918741546	0.625

4	Ambedkar Nagar	Kotwa Mahmedpur, Akbarpur	Sh. Satish Chandra Verma	9621589418	1.5
5	Ambedkar Nagar	Khaspur, Tanda	Sh. Jai Hind Maurya	9455597307	0.4
6	Ambedkar Nagar	Mamrejpur, Tanda	Sh. Ram Charan Verma	8874067330	0.2
7	Ambedkar Nagar	Narayanpur Bhatauli, Tanda	Sh. Ram Ashish Verma	8887521305	0.5
8	Ambedkar Nagar	Arjunpur, Bhiti	Sh. Ved Prakash Srivastava	8004316334	0.4
9	Ambedkar Nagar	Afjalpur, Akbarpur	Sh. Amarjeet Verma	8127242722	0.25
10	Ambedkar Nagar	Khizzarpur, Katehari	Sh. Vishwanath Singh	9838546490	0.25

4) Information of Farmers already Practicing Natural Farming

Sl. No.	Name of the District	Name of the Farmers	No. of desi (indigenous) cows	Land holding (ha)	Crops Grown	No. of Years in Natural Farming	Area Covered under Natural Farming	Crops Grown under Natural Farming	Any significant achievements under natural farming
1	Ambedkar Nagar	Sh. Atma Ram Maurya	2	0.5	Organic Vegetables	4	0.25 ha	Capsicum, Potato, Tomato, Cucumber etc.	
2	Ambedkar Nagar	Sh. Haribans Singh	3	1.0	Organic Vegetables	5	0.4	Bottleguard, Spongguard, Cucumber, Brinjal etc.	
3	Ambedkar Nagar	Sh. Dev Narayan Pandey	2	4.0	Organic Vegetables	7	0.625	Chilli Pickles, Cabbage, Banana, Apple Ber, Thi Guava etc.	
4	Ambedkar Nagar	Sh. Satish Chandra Verma	3	2.0	Organic Vegetables	3	1.5	Banana, Bitterguard, Tomato, Organic Rice Production etc.	
5	Ambedkar Nagar	Sh. Jai Hind Maurya	4	1.0	Organic Vegetables	2	0.4	Kharif, Rabi, Zaid Vegetables	
6	Ambedkar Nagar	Sh. Ram Charan Verma	2	1.0	Millets	1	0.2	Sawan, Madua etc.	
7	Ambedkar Nagar	Sh. Ram Ashish Verma	2	1.5	Millets	1	0.5	Sawan, Madua, Kodo etc.	
8	Ambedkar Nagar	Sh. Ved Prakash	4	0.1	Organic	8	0.4	Organic Rice, Wheat,	

		Srivastava			Crops			Sugarcane etc.	
9	Ambedkar Nagar	Sh. Amarjeet Verma	3	1.25	Millets	1	0.25	Kodo	
10	Ambedkar Nagar	Sh. Vishwanath Singh	5	2.0	Millets	1	0.25	Sawa	

5) Natural Farming Nodal officer & Associate Name

S.No.	Name of KVK	Name of Head/SMS	Discipline/Subject	Mobile No.
1.	**Dr. Pradeep Kumar**	**SMS**	**Plant Pathology**	**8787043764**
2.	**Dr. Ram Gopal**	**SMS**	**Agronomy**	**9793130452**

6) Preliminary Soil Data of Natural Farming Field

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

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	2	37	2	39	5	2	7	42	4	46
Resource Conservation Technologies	2	32	5	37	4	1	5	36	6	42
Cropping Systems										
Crop Diversification										
Integrated Farming	1	16	2	18	4	5	9	20	7	27
Micro Irrigation/irrigation										
Seed production										
Nursery management	1	17	1	18	3	6	9	20	7	27
Integrated Crop Management	1	16	0	16	3	0	3	19	0	19
Soil & water conservatioin										
Integrated nutrient management	1	18	0	12	3	0	3	30	3	33
Production of organic inputs										
Others (pl specify)										
Total	**8**	**136**	**10**	**140**	**22**	**14**	**36**	**167**	**27**	**194**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables	1	12	4	16	3	6	9	15	10	25
Nursery raising	1	12	14	26	3	0	15	15	14	29
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation	1	12	4	16	3	6	9	15	10	25
Others (pl specify)										
Total (a)	**3**	**36**	**22**	**58**	**9**	**12**	**33**	**45**	**34**	**79**
b) Fruits										
Training and Pruning										
Layout and Management of Orchards	1	19	2	19	2	2	4	21	4	25
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old										

orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	**1**	**19**	**2**	**19**	**2**	**2**	**4**	**21**	**4**	**25**
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										

GT (a-g)	**4**	**55**	**24**	**77**	**11**	**14**	**37**	**66**	**38**	**104**
III Soil Health and Fertility Management										
Soil fertility management	1	17	2	19	3	0	3	20	2	22
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total	**1**	**17**	**2**	**19**	**3**	**0**	**3**	**20**	**2**	**22**
IV Livestock Production and Management										
Dairy Management	1	13	7	20	5	4	9	18	11	29
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management	1	17	2	19	2	0	2	19	2	21
Disease Management	1	13	10	23	5	4	9	18	14	32
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total	**3**	**43**	**19**	**62**	**12**	**8**	**20**	**55**	**27**	**82**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	1	1	32	33	3	2	5	4	34	38
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in										

processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	1	3	15	18	2	12	14	5	27	32
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total	**2**	**2**	**35**	**48**	**21**	**4**	**17**	**18**	**39**	**65**
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management	1	19	1	20	3	1	4	22	2	24
Integrated Disease Management	1	19	1	20	4	2	6	23	3	26
Bio-control of pests and diseases	1	16	1	17	2	1	3	18	2	20
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total	**3**	**54**	**3**	**57**	**9**	**4**	**13**	**63**	**7**	**70**
VIII Fisheries										

Integrated fish farming	1	0	11	11	0	39	39	50	0	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										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total	**1**	**0**	**11**	**11**	**0**	**39**	**39**	**50**	**0**	**50**
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production	1	14	2	16	6	4	10	20	6	26
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
duction of Bee-onies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production	1	19	0	19	12	2	14	36	0	36
Apiculture										
Others (pl specify)										

Total	**2**	**33**	**2**	**35**	**18**	**6**	**24**	**56**	**6**	**62**
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	22	2	24	14	0	14	36	2	38
WTO and IPR issues										
Others (pl specify)										
Total	**1**	**22**	**2**	**24**	**14**	**0**	**14**	**36**	**2**	**38**
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems	1	19	1	20	4	3	7	23	4	27
Others (pl specify)										
Total	**1**	**19**	**1**	**20**	**4**	**3**	**7**	**23**	**4**	**27**
GRAND TOTAL	**26**	**381**	**109**	**493**	**114**	**92**	**210**	**554**	**152**	**714**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	**No. of courses**	**Participants**								
		Others			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
I Crop Production										
Weed Management	1	18	2	20	4	5	9	22	7	29
Resource Conservation Technologies	1	13	10	23	5	4	9	18	27	45
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management	1	18	2	20	3	2	5	21	4	25
Soil & water conservatioin										
Integrated nutrient management	1	16	1	17	3	2	5	19	3	22
Production of organic inputs	1	18	2	20	3	2	5	21	4	25

Others (pl specify)										
Total	**4**	**65**	**15**	**80**	**15**	**13**	**28**	**80**	**41**	**121**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables	1	15	2	17	3	2	5	18	4	22
Nursery raising	1	17	2	19	3	2	5	20	4	24
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation	1	19	2	21	2	5	7	21	7	28
Others (pl specify)										
Total (a)	**3**	**51**	**6**	**57**	**8**	**9**	**17**	**59**	**15**	**74**
b) Fruits										
Training and Pruning										
Layout and Management of Orchards	1	18	0	18	18	1	19	36	1	37
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	**1**	**18**	**0**	**18**	**18**	**1**	**19**	**36**	**1**	**37**
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and										

Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology	2	57	9	66	8	6	14	65	15	80
Processing and value addition										
Others (pl specify)										
Total (e)	**2**	**57**	**9**	**66**	**8**	**6**	**14**	**65**	**15**	**80**
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)	**4**	**69**	**6**	**75**	**26**	**10**	**36**	**95**	**16**	**111**
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs	2	57	9	66	8	6	14	65	15	80
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										

Total	**2**	**57**	**9**	**66**	**8**	**6**	**14**	**65**	**15**	**80**
IV Livestock Production and Management										
Dairy Management	2	29	2	31	6	2	8	35	4	39
Poultry Management	1	8	3	11	8	6	14	16	9	25
Piggery Management										
Rabbit Management										
Animal Nutrition Management	1	18	1	19	3	2	5	21	3	24
Disease Management	2	34	4	36	4	2	2	38	6	44
Feed & fodder technology	1	22	2	24	5	2	7	27	4	31
Production of quality animal products										
Others (pl specify)										
Total	**6**	**111**	**12**	**121**	**26**	**14**	**36**	**137**	**26**	**163**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	1	1	32	33	3	2	5	4	34	38
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment	1	2	22	24	3	17	20	5	39	44
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										

Others (pl specify)										
Total	**2**	**3**	**54**	**57**	**6**	**19**	**25**	**9**	**73**	**82**
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology	1	40	0	40	10	0	10	50	0	50
Others (pl specify)										
Total	**1**	**40**	**0**	**40**	**10**	**0**	**10**	**50**	**0**	**50**
VII Plant Protection										
Integrated Pest Management	1	8	3	11	8	6	14	16	9	25
Integrated Disease Management	1	40	0	40	10	0	10	50	0	50
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	8	3	11	8	6	14	16	9	25
Others (pl specify)										
Total	**4**	**56**	**45**	**101**	**26**	**18**	**44**	**82**	**63**	**145**
VIII Fisheries										
Integrated fish farming	1	0	11	11	0	39	39	50	0	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										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total	**1**	**0**	**11**	**11**	**0**	**39**	**39**	**50**	**0**	**50**
IX Production of Inputs at site										
Seed Production										
Planting material production	1	8	3	11	8	6	14	16	9	25
Bio-agents production	1	8	4	12	10	3	13	18	7	25
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production	1	10	4	14	3	5	8	13	9	22
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	**3**	**26**	**11**	**37**	**21**	**14**	**35**	**47**	**25**	**72**
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of	2	22	52	74	14	48	62	36	100	136

farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total	**2**	**22**	**52**	**74**	**14**	**48**	**62**	**36**	**100**	**136**
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems	1	19	1	20	4	3	7	23	4	27
Others (pl specify)										
Total	**1**	**19**	**1**	**20**	**4**	**3**	**7**	**23**	**4**	**27**
GRAND TOTAL	**33**	**543**	**227**	**768**	**167**	**192**	**355**	**760**	**382**	**1142**

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

Thematic area	**No. of courses**	**Participants**								
		Others			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
I Crop Production										
Weed Management	3	55	4	59	9	7	16	64	11	75
Resource Conservation Technologies	3	45	15	60	9	5	14	54	33	87
Cropping Systems										
Crop Diversification										
Integrated Farming	1	16	2	18	4	5	9	20	7	27
Micro Irrigation/irrigation										
Seed production										
Nursery management	1	17	1	18	3	6	9	20	7	27
Integrated Crop Management	2	34	2	36	6	2	8	40	4	44
Soil & water conservatioin										
Integrated nutrient management	2	34	1	29	6	2	8	49	6	55
Production of organic inputs	1	18	2	20	3	2	5	21	4	25
Others (pl specify)										
Total	**13**	**219**	**27**	**240**	**40**	**29**	**69**	**268**	**72**	**340**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables	2	27	6	33	6	8	14	33	14	47
Nursery raising	2	29	16	45	6	2	20	35	18	53

Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation	2	38	4	42	4	10	14	42	14	56
Others (pl specify)										
Total (a)	**6**	**94**	**26**	**120**	**16**	**20**	**48**	**110**	**46**	**156**
b) Fruits										
Training and Pruning										
Layout and Management of Orchards	2	37	2	37	20	3	23	57	5	62
Cultivation of Fruit										
Management of young plants/orchards	1	14	0	14	6	0	6	20	0	20
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)	**3**	**51**	**2**	**51**	**26**	**3**	**29**	**77**	**5**	**82**
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology	2	57	9	66	8	6	14	65	15	80

Processing and value addition										
Others (pl specify)										
Total (e)	**2**	**57**	**9**	**66**	**8**	**6**	**14**	**65**	**15**	**80**
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)	**11**	**202**	**37**	**237**	**50**	**29**	**91**	**252**	**66**	**318**
III Soil Health and Fertility Management										
Soil fertility management	1	17	2	19	3	0	3	20	2	22
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs	2	57	9	66	8	6	14	65	15	80
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total	**3**	**74**	**11**	**85**	**11**	**6**	**17**	**85**	**17**	**102**
IV Livestock Production and Management										
Dairy Management	3	42	9	51	11	6	17	53	15	68
Poultry Management	1	8	3	11	8	6	14	16	9	25
Piggery Management										
Rabbit										

Management										
Animal Nutrition Management	2	35	3	38	5	2	7	40	5	45
Disease Management	3	47	14	59	9	6	11	56	20	76
Feed & fodder technology	1	22	2	24	5	2	7	27	4	31
Production of quality animal products										
Others (pl specify)										
Total	**10**	**154**	**31**	**183**	**38**	**22**	**56**	**192**	**53**	**245**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening	2	2	64	66	6	4	10	8	68	76
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition	1	3	15	18	2	12	14	5	27	32
Women empowerment	1	2	22	24	3	17	20	5	39	44
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total	**4**	**7**	**101**	**108**	**11**	**33**	**44**	**18**	**134**	**152**
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation										

systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology	1	40	0	40	10	0	10	50	0	50
Others (pl specify)										
Total	**1**	**40**	**0**	**40**	**10**	**0**	**10**	**50**	**0**	**50**
VII Plant Protection										
Integrated Pest Management	2	27	4	31	11	7	18	38	11	49
Integrated Disease Management	2	59	1	60	14	2	16	73	3	76
Bio-control of pests and diseases	2	16	40	56	2	7	9	18	47	65
Production of bio control agents and bio pesticides	1	8	3	11	8	6	14	16	9	25
Others (pl specify)										
Total	**7**	**110**	**48**	**158**	**35**	**22**	**57**	**145**	**70**	**215**
VIII Fisheries										
Integrated fish farming	2	22	0	22	78	0	78	100	0	100
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										

Others (pl specify)										
Total	**2**	**22**	**0**	**22**	**78**	**0**	**78**	**100**	**0**	**100**
IX Production of Inputs at site										
Seed Production										
Planting material production	1	8	3	11	8	6	14	16	9	25
Bio-agents production	1	8	4	12	10	3	13	18	7	25
Bio-pesticides production										
Bio-fertilizer production	1	14	2	16	6	4	10	20	6	26
Vermi-compost production	1	10	4	14	3	5	8	13	9	22
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	19	0	19	12	2	14	36	0	36
Apiculture										
Others (pl specify)										
Total	**5**	**59**	**13**	**72**	**39**	**20**	**59**	**103**	**31**	**134**
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths	3	44	54	98	28	48	76	72	102	174
WTO and IPR issues										
Others (pl specify)										
Total	**3**	**44**	**54**	**98**	**28**	**48**	**76**	**72**	**102**	**174**
XI Agro-forestry										
Production technologies										
Nursery management										

Integrated Farming Systems	2	38	2	40	8	6	14	46	8	54
Others (pl specify)										
Total	**2**	**38**	**2**	**40**	**8**	**6**	**14**	**46**	**8**	**54**
GRAND TOTAL	**61**	**969**	**324**	**1283**	**348**	**215**	**571**	**1331**	**553**	**1884**

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

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Nursery Management of Horticulture crops	1	11	2	13	17	3	20	28	5	33
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming	2	31	7	39	7	9	16	38	16	54
Seed production	1	11	2	13	18	3	20	29	5	34
Production of organic inputs	2	32	7	39	7	9	16	39	16	55
Planting material production										
Vermi-culture										
Mushroom Production	1	11	2	13	18	3	20	29	5	34
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition	1	10	2	12	20	3	23	30	5	35
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying	1	4	2	6	16	18	34	20	20	40
Sheep and goat rearing	3	48	12	60	44	15	59	92	27	119
Quail farming										
Piggery	1	22	0	22	16	2	18	38	2	40
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture	1	33	1	34	5	1	6	38	2	40
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	**14**	**213**	**37**	**251**	**168**	**66**	**232**	**381**	**103**	**484**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production	1	4	5	9	3	18	21	7	23	30
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing	1	34	0	34	6	0	6	40	0	40
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	**2**	**38**	**5**	**43**	**9**	**18**	**27**	**47**	**23**	**70**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	1	11	2	13	17	3	20	28	5	33
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming	2	31	7	39	7	9	16	38	16	54
Seed production	1	11	2	13	18	3	20	29	5	34
Production of organic inputs	2	32	7	39	7	9	16	39	16	55
Planting material production										
Vermi-culture										
Mushroom Production	2	15	7	22	21	21	41	36	28	64
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition	1	10	2	12	20	3	23	30	5	35
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying	1	4	2	6	16	18	34	20	20	40
Sheep and goat rearing	4	82	12	94	50	15	65	132	27	159
Quail farming										
Piggery	1	22	0	22	16	2	18	38	2	40
Rabbit farming										

Poultry production										
Ornamental fisheries										
Composite fish culture	1	33	1	34	5	1	6	38	2	40
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	**16**	**251**	**42**	**294**	**177**	**84**	**259**	**428**	**126**	**554**

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

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking										

among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL										

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management	2	48	0	48	2	0	2	50	0	50
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals	2	48	0	48	2	0	2	50	0	50
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL	**4**	**96**	**0**	**96**	**4**	**0**	**4**	**100**	**0**	**100**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops										
Integrated Pest Management	2	48	0	48	2	0	2	50	0	50
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals	2	48	0	48	2	0	2	50	0	50
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL	**4**	**96**	**0**	**96**	**4**	**0**	**4**	**100**	**0**	**100**

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops										
Commercial production of vegetables										

Production and value addition										
Fruit Plants	2	43	4	47	9	2	11	52	6	58
Ornamental plants										
Spices crops										
Soil health and fertility management										
Production of Inputs at site										
Methods of protective cultivation										
Others (pl. specify)										
Total	**2**	**43**	**4**	**47**	**9**	**2**	**11**	**52**	**6**	**58**
Post harvest technology and value addition										
Processing and value addition										
Others (pl. specify)										
Total										
Farm machinery										
Farm machinery, tools and implements										
Others (pl. specify)										
Total										
Livestock and fisheries										
Livestock production and management	1	22	2	24	20	1	21	42	3	45
Animal Nutrition Management										
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Others (pl. specify)										
Total	**1**	**22**	**2**	**24**	**20**	**1**	**21**	**42**	**3**	**45**
Home Science										
Household nutritional security										
Economic empowerment of women										
Drudgery reduction of women										
Others (pl. specify)										
Total										
Agricultural Extension										
Capacity Building and Group Dynamics										
Others (pl. specify)										
Total										
GRAND TOTAL	**3**	**65**	**6**	**71**	**29**	**3**	**32**	**94**	**9**	**103**

Name of sponsoring agencies involved: i-Deptt. of Hurticulture, Ambedkar Nagar
ii- Deptt. of Fisheries, Ambedkar Nagar
iii- Deptt. of Animal Husbandry, Ambedkar Nagar

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

Area of training	**No. of Courses**	**No. of Participants**								
		General			**SC/ST**			**Grand Total**		
		Male	**Female**	**Total**	**Male**	**Female**	**Total**	**Male**	**Female**	**Total**
Crop production										

and management										
Commercial floriculture										
Commercial fruit production										
Commercial vegetable production										
Integrated crop management										
Organic farming										
Others (pl. specify)										
Total										
Post harvest technology and value addition	1	22	2	24	6		6	28	2	30
Value addition										
Others (pl. specify)										
Total	**1**	**22**	**2**	**24**	**6**		**6**	**28**	**2**	**30**
Livestock and fisheries										
Dairy farming	1	22	0	22	7	1	8	29	1	30
Composite fish culture	1	6		6	13	1	14	19	1	20
Sheep and goat rearing										
Piggery										
Poultry farming										
Others (pl. specify)										
Total	**2**	**28**	**0**	**28**	**20**	**2**	**22**	**48**	**2**	**50**
Income generation activities										
Vormi composting										
Production of bio-agents, bio-pesticides,										
bio-fertilizers etc.										
Repair and maintenance of farm machinery										
and implements										
Rural Crafts										
Seed production										
Sericulture										
Mushroom cultivation	1	18	2	20	3	2	5	21	4	25
Nursery, grafting etc.										
Tailoring, stitching, embroidery,										

dying etc.										
Agril. para-workers, para-vet training										
Others (pl. specify)										
Total	**1**	**18**	**2**	**20**	**3**	**2**	**5**	**21**	**4**	**25**
Agricultural Extension										
Capacity building and group dynamics										
Others (pl. specify)										
Total										
Grand Total	**4**	**68**	**4**	**72**	**29**	**4**	**33**	**97**	**8**	**105**

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	92	437	26	463
Diagnostic visits	56	153	9	162
Field Day	12	148	6	154
Group discussions	4	164	2	166
Kisan Ghosthi	35	7921	64	7985
Film Show	2	1138	23	1161
Self -help groups	4	164	12	176
Kisan Mela	11	4150	136	4286
Exhibition	3	3764	56	3820
Scientists' visit to farmers field	58	152	6	158
Plant/animal health camps	2	43	2	45
Farm Science Club	2	32	0	32
Ex-trainees Sammelan	3	76	0	76
Farmers' seminar/workshop	6	423	0	423
Method Demonstrations	2	11	0	11
Celebration of important days	6	313	5	318
Special day celebration	3	171	23	194
Exposure visits	1	32	6	38
Others (pl. specify)				
Total	**302**	**19292**	**376**	**19668**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	2
Extension Literature	3
News paper coverage	37
Popular articles	6
Radio Talks	3
TV Talks	6
Animal health Camps (Number of animals treated-287 no.)	1
Others (pl. specify)	
Total	**52**

Mobile Advisories provided to farmers

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	Total
	Text only	23	6	5		26	3	63
	Voice only							
	Voice & Text both							
	Total Messages	**23**	**6**	**5**		**26**	**3**	**63**
	Total farmers Benefitted							**122823**

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organized Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
	Gosthies	4	47	
	Lectures organised	17	56	
	Exhibition	4	47	
	Film show	17	56	
	Fair			
	Farm Visit	13	34	
	Diagnostic Practicals	6	21	
	Distribution of Literature (No.)	3	236	
	Distribution of Seed (q)	6	75	
	Distribution of Planting materials (No.)	3	90	
	Bio Product distribution (Kg)	0	0	
	Bio Fertilizers (q)	0	0	
	Distribution of fingerlings	0	0	
	Distribution of Livestock specimen (No.)	0	0	
	Total number of farmers visited the technology week	0	0	
	Total	**64**	**662**	

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	PBW-107		30.50	90600	
Total				30.50	90600	

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 seedlings						
Fruits						
Fodder crop saplings	Napier Grass	Narendra Hybrid Napier-9		1030 trunks	28840	46
Total				**1030 trunks**	**28840**	**46**

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	**No. of Samples**	**No. of Farmers**	**No. of Villages**	**Amount realized (Rs.)**
Soil	856	1524	6	
Water				
Plant				
Manure				
Others (pl.specify)				
Total	856	1524	6	

VIII. SCIENTIFIC ADVISORY CONNITTEE-

Name of KVK	Number of SACs conducted
KVK Ambedkar Nagar	1(Dt.-16-01-2021)

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	**Number**
Research Paper	3
Technical bulletins	2
Technical reports	2
Others -Leaflet	1

IX-Others Extension Programmes-

Date of Programme	Name of Programme	Venue of the programme	No. of persons/ farmers	Chief Guest / other Distinguished Officers /person participated
22nd May-5th June2023	Meri life and Life style for Environment	KVKAmbdkar Nagaar	67	Sri Magla Singh Pradhan Manshpur Katehari,Amb.Nagar
8th June, 2023	Farmers-Scientist Interaction and Kisan Gosthi	KVKAmbdkar Nagaar	273	Dr. Devesh Chaturvedi Upper Chief Secretary,Agriculture,U.P.
21st June,2023	Farmers-Scientist Interaction and Kisan Gosthi	KVKAmbdkar Nagaar	273	Hon'ble Union Minister Agriculture, Sri Narendra Singh Tomar, Dr. Hari Om Panday,M.LC., Ayodhya,& Dr. Bijendra Singh,Hon'V.C.,ANDUAT,U.P.

1st July-15 Aug.,2023	Azadi ka Amrit Mohotsav & Van Mohotsve and Brihat Bricharopan Programme	KVK Ambedkar Nagar	189	

16-18 July,2023	95th ICAR EstablishmenT & Technology Day	KVKAmbdkar Nagaar	165	BDO Katehari, Amb.Nagar

9th – 30th August,2023	Independence Day Meri Mati –Mera Desh Mohotsve	KVKAmbdkar Nagaar	116	Sri Magla Singh Pradhan Manshpur Katehari,Amb.Na

				gar
7th August,2023	P.M. Kisan Sammelan and Kisan Samman Nithi Transfer live Programme	KVK Ambedkar Nagar	215	Dr. Hari Om Panday,M.LC., Ayodhya
16-22nd August,2023	18th Gajar ghas Irradication awareness week	KVKAmbdkar Nagar	146	Sri Mangla Singh Pradhan Manshpur Katehari,Amb.Nagar
6th Sept,2023	District level Kisan Mela & Gosthi	Lohia Bhavan Ambdkar Nagaar	1356	Hon'ble Governor ,U.P. Smt. Aanandiben Patel

Participated in Viksit Bharat Sankalp Yatra.

Progress Report of Nutrition- sensitive Agricultural Resources and Innovation (NARI) Programmes from Jan.-Dec.,2023

A.Training Organized-			No Of Participants			
Sl. No.	Area of trainings	Date/ duration	Others	SC/ST	Total	
1.	Mushroom production for protein supplementation to human	22-25/01/2023 (4days)	19	6	25	
2.	Nutritional garden on fruits and vegetables production for self home nutrition throughout year	16-20/02/2023 2 (4days)	4	47	51	
3.	Milk Production and processing techniques for better nutrtion	22-27/07/2023 (5days)	4	26	30	
	Total		**27**	**79**	**106**	

Trainings Organized under NARI, Programme

B- Demonstrations conducted under NARI, Programme

S.No.	Crops/Variety	No. of farmers/Beneficiries		Total
		Others	SC/ST	
1.	Bitter gourd-Adit	5	10	**15**
2.	Bottle gourd-Arka Harit	5	10	**15**
4.	Cabbage-	5	10	**15**
3.	Mushroom production-Oyster	6	9	**15**
4.	Spinach-Pusa Jyoti	5	10	**15**

Demonstrations conducted under NARI, Programme

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICo IRRIGATION SYSTEM

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

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

Introduction of alternate crops/varieties

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

XIII. DETAILS ON HRD ACTIVITIES

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

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

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. 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. 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. 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

Case study

Title-Chick pea (RVG-202) becoming popular in farmers' for their yielding trait: Ambedkar Nagar

Name: Sri Haribansh Singh
Father Name: Jagdant Singh
Vill- Adampur Tindauli
Block- Katehari
District- Ambedkar Nagar, U.P.

Situation analysis/ Problem statements:- Mr. Haribansh Singh, village and post: Adamur Tindauli, block: Katehari, district: Ambedkar Nagar, a farmer who was selected for this demonstration. He was earlier involved with local variety of chick pea. 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 varieties. That was sown on 08-11-2022 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.

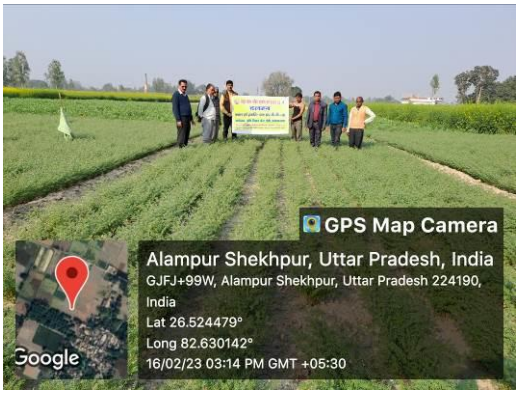
Output:- Mr. Haribansh Singh adopted the balanced dose of chemical, fertilizer (N:P:K:S::40:60:40:30) kg/ha in chick pea as per suggestion of KVK's scientist for his 0.8 ha land. His local yield was 15.60 qt with recommended technology. His yield increased by 55.94% with yield 35.41 qt. The economical gain in terms of per unit expenditure gross income, net return and BCR are recorded. Rs 46659, Rs. 58784, Rs. 51965 and 2.90 correspondingly.

Outcome:- Chick pea is the major crop of the district. KVK Ambedkar Nagar conducted 85 demonstrations in 25 villages during 2022-23 in an area of 10 ha at farmers' field with using HYV **RVG-202** and balanced dose of chemical fertilizer kg/ha. This variety has been disseminated in 20 villages of the district in area of approximately 30 ha. The outcome of this demonstration motivated the farming communities to replace their old varieties, non-descriptive varieties. Mr. Haribansh Singh is very happy on improvement in their income, livelihood and set forth example for others.

Impact:- Mr. Haribansh Singh is becoming one of the progressive and learned farmers for others with regards to popularization of **RVG-202**. 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. Haribansh Singh is very happy with this improved production and management technology and set forth example for other farmers of the district.

Chick pea Crop Var. RVG-202



Farmers with KVK's scientist

CASE STUDIES / SUSCESS STORY -2

Name of KVK- Name of KVK-Ambedkar Nagar

Title- Poultry cum fish farming became a good source of income and employment

Name: Mr. Anand Singh
Father Name: Ram Keval Singh
Vill- Sangrampur
Block- Akbarpur
District- Ambedkar Nagar, U.P.

Before Intervention: Sri Anand Singh is age-29 years, education-Graduate level.. He has land holding-1 ha.. he cultivated rice-wheat crops and Sugarcane and he faced poor production who was not sufficient for their 8 members family needs.

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KVK interventions and Support:- KVK, Ambedkar Nagar imparted Capacity building Training for on poultry and fish farming during June to July,2021 in Mr. Anand Singh participated and he acquired the knowledge about Scientific poultry and integrated fish farming. After that of he created awareness to start lard scale poultry farming as an enterprise and in guidance of KVK Animal Scientist he established 3000 capacity well developed poultry farm and his net income from poultry increased up to Rs. 30,000 -40, 000/ Month. He developed half acre ponds by MANRAGA and started fish farming with poultry farm and utilizes the 50 % poultry manure instead of animal dung/manure for fertilization fish ponds. Poultry farming of 3000 broiler birds integrated along with fish farming made better utilization of resources, substantially with proper nutrition, diseases control and management provides more profitable income.

Output:- -

- Total annual cost of 15000 poultry birds (3000 birds/ batch of 5 batch/year) to gain av. wt 2kg./bird @Rs.140/birds =Rs.21,00,000/-
- Av. Income by selling of 14700 bird (2% mortality) @ av.Rs.170/bird of 2kg =Rs. 24,99,000/-
- Av. Profit / year of 5 batch from selling of 14700 ready poultry birds = 3,99,000/-
- Income by poultry manure of 15Q.@ Rs.1500= Rs. 22,500/-
- Total annual income from poultry farm=Rs. 4,21,500 /-

- Total annual cost of fish farming in one acre ponds of 3500 fish /year) to gain av. wt 1.15 kg./fish @Rs.100/fish =Rs.3,50,000/-
- Av.Income by selling of 3430 fish (2% mortality) @ Rs.160/kg. =Rs6,31,120/-
- Av. Profit / year of from selling of 3430 fish = 2,81,120/-

Outcome-Annually profitable income-

- Total annual income from poultry farm=Rs. 4,21,500 /-
- Av. Profit / year of from selling of 3430 fish = 2,81,120/-
- Total annual profitable income =Rs. 4,21,500+2,81,120 = Rs. 7,02,620 /year

View of Mr. Anand Singh Integrated poultry cum fish farming

Impact- Mr. Anand Singh is becoming one of the progressive and learned farmers for others with regards to popularization of Poultry cum fish farming. This technology helps him for livelihood, empowerment. Now this technology is adopted by more than 5 farmers started the Poultry cum fish farming technology by seeing and believing in nearby villages.Integrated poultry farming of broiler birds along with fish production made better utilization of resources, substantially with proper nutrition and feeding, diseases control and management, provides more profitable income. Mr. Anand Singh is satisfied from his poultry cum fish farming business and his and income increased three times which improved his livelihood and set forth example for others farmers.

XIII-Different units developed under KVK Ambedkar Nagar

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1- Vermi Compost unit **2-NADEP Compost Unit**

3-Duckery Unit **4-Fish pond unit**

5-Poultry unit **6- Napier Grass Perennial fodder**

7- Mushroom Production

8- Azola Production unit

9- Crops cafeteria

10-Bee Keeping unit

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