KRISHI VIGYAN KENDRA AMBEDKAR NAGAR

PROFORMA FOR PREPARATION OF ANNUAL REPORT (Jan.-December, 2021)

APR SUMMARY

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

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	37	751	420	1171
Rural youths	04	97	8	105
Extension functionaries	04	096	04	100
Sponsored Training	03	094	09	103
Vocational Training	11	269	64	333
Total	**59**	**1307**	**505**	**1812**

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	75	30	
Pulses	105	32.2	
Cereals	62	17	
Vegetables	15	.03	
Other crops	40	2.0	
Hybrid crops			
Total	297	81.23	
Livestock & Fisheries	5		3units&5 animals
Other enterprises	10		10 units
Total	15	-	3units &5animals
Grand Total	312	81.23	3units &5animals

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	6	6	30
Livestock	2	2	10
Various enterprises			
Total	**8**	**8**	**40**
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total	**8**	**8**	**40**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	327	20568
Other extension activities	6	
Total	**331**	**20568**

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Market-ing	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.)	1030	28840
Bio-Products (kg)		
Livestock Production (No.)		
Fishery production (No.)		

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	524	
Water		
Plant		
Total	**524**	

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	3
2	Conferences	4
3	Meetings	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	6
10	Lead papers	-
11	Seminar papers	2
12	Extension folder	2
13	Proceedings	1
14	Award & recognition	2
15	Ongoing / submitted research projects	2

DETAIL REPORT OF APR-Jan.-December, 2021

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

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Ram Jeet		9918622745	pckvkambedkarnagar@gmail.com

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

1.5. Staff Position (as on December, 2021)

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	Programme Coordinator	Dr. Ramjeet	Senior Scientist/Head	Gentics and Plant Breeding	37400-67000	147900	1st July.2018	Permanent	SC	9918622745	44	pckvkambedkarnagar@gmail.com
2	Subject Matter Specialist	Dr. K.K. Maurya	S.M.S./Prof., Agril Engineering	Agriculture Engineering	37400-67000	205600	1st Sep.2013	Permanent	OBC	9838317698	58	Kkumar_nduat@rediffmail.com
3	Subject Matter Specialist	Dr. Vidya Sagar	S.M.S./Asso. Prof., Animal Science	Animal Science	37400-67000	147900	1st Aug. 2012	Permanent	OBC	9455053228	49	vsnduat72@gmail.com
4	Subject Matter Specialist	Dr. Pradeep Kumar	S.M.S./Asstt. Prof., Plant Pathology	Plant Pathology	15600-39100	95300	1st July, 2012	Permanent	OBC	9415728438	57	pkumarcdmr@gmail.com
5	Subject Matter Specialist	Vacant	Agronomy									
6	Subject Matter Specialist	Vacant	Horticulture									
7	Subject Matter Specialist	Vacant	Agriculture Extension									
8	Programme Assistant	Sri. Ram Kumar	Programme Assistant	Horticulture	9300-34800	58600	22April2017	Permanent	SC	8189061509	48	
9	Computer Programmer	Vacant	Programme Assistant/Computer									
10	Farm Manager	Vacant	Programme Assistance/ Farm Manager									
11	Accountant / Superintendent	Sri. Suresh Pratap Singh	Accountant / Superintendent		9300-34800	53600	17th Mar. 2016	Permanent	GN	9454471922	39	sureshosnduat@gmail.com
12	Stenographer	Sr.Gangesh Giri	Computor Operator	Computer Science	5200-20200	26300	02nd Sept.,2019	Permanent	OBC	6306732954	28	gangeshgiri1012@gmail.com
13	Driver	Sri. Dinesh Sharma	Driver cum Mechanic		5200-20200	32000	22nd Aug. 2012	Permanent	OBC	9450933333	45	

14	Driver	Sri. Sandeep Kumar	Driver cum Mechanic	-	5200-20200	20500	06th Sept.,2019	Permanent	OBC	9415300820	28	
15	Supporting staff	Vacant										
16	Supporting staff	Vacant										

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.80
2.	Under Demonstration Units	0.18
3.	Under Crops	3.0
4.	Orchard/Agro-forestry	0.01
5.	Others (specify)	14.143
	Total	**18.133**

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	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.	Demonstration Units –Poultry shed	RKVY,U.P.				2021		Construction Works in running condition
5.	Fencing	RKVY,U.P.				2021		Construction Works in running condition
6.	Rain Water harvesting system							Budget not allotted
7.	Threshing floor	RKVY,U.P.				2021		Construction Works in running condition
8.	Farm go down							Budget not allotted

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	2011	426000	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

1.8. 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] 2021 dh dk;Zo`fRr

d`f"k foKku dsUnz] ikarh] vEcsMdj uxj dh oSKkfud lykgdkj lfefr dh NBoha cSBd fnukad 16-01-2021 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-	lnL;

	i-] vVkjh] dkuiqj	
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- jke dqekj] dk;ZØe lgk;d ¼m|ku½

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

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

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

vuqikyukFkZ& Mk- fo|k lkxj fo"k; oLrq fo'ks"kK 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

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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 (2019-20)

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 (2020-21)

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-June.2021

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
9	8	45	40	75	80.23	200	312

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	37	1000	1021	400	331	25,000	20568
Rural youth	8	7	250	225				
Ext., Functionaries	5	3	150	110				

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		10000	1030	30

3-B: Intervention/ Programmes for the doubling the farmers income – during 2020-21 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

2- **Intercropping-Brinjal +Onion**

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**
Mono Cropping System (Rabi) –Brinjal- Navkiran	278.20	-	278.20	20810	194740	173930	1:9.36	

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

After Interventions	**Main crop Yield(q/ha)**	**Inter crop Yield(q/ha)**	**Equivalent yield(q/ha)**	**Cost of cultivation(Rs/ha)***	**Gross Income(Rs/ha.)**	**Net income(Rs/ha)**	**B.C: Ratio**	**Remark if any**
Mono Cropping System (Rabi) –Brinjal- Navkiran + Onion –N-53	265.20	168.70	421.9	Brinjal - 21530+Onion-20850=42380	Brinjal - 185640+Onion-210875=396515	354135	1:9.45	

Expected Sale price/ MSP - Brinjal - Rs. 700/Q., Onion -Rs. 1250/Q.

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

I. B. TECHNOLOGY REFINEMENT

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	Brinjal	Varietal evaluation of Brinjal	1	5
2.		Barley	Varietal evaluation of Barley	1	5
3.					
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
10.	Resource Conservation Technology	Wheat	Assessment of wheat productivity and profitability through Happy 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			**6**	**30**

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	Buffaloes	Assessment of Azolla as protein supplement on better utilization of nutrients and optimum milk production in buffaloes	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				
	Brinjal	Varietal evaluation of Brinjal	1	5
	Barley	Varietal evaluation of Barley for Animal feed and fodder	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 wheat.	1	5
Resource Conservation				
	Wheat	Assessment of wheat productivity and profitability through	1	5

Technology		Happy seeder		
Disease Management				
Nutrition Management	Buffaloes	Assessment of Azolla as protein supplement on better utilization of nutrients and optimum milk production in buffaloes	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)

VARIETAL EVALUATION

VARIETAL EVALUATION

OFT-1
Problem definition: Low yield of Brinjal due to old local varieties.

Technology Assessed or Refined : Varietal evaluation of Brinjal.

KVK Ambedkar Nagar Uttar Pradesh took up On -Farm trial on varietal evaluation of brinjal was conducted on five farmers field in 0.20 ha. area. Highest yield 286.90 /ha was observed in T1 Hybrid no.-143 variety of brinjal. There was 18.45 per cent in increase in yield over farmers practice .

Table: Performance of yield in brinjal

Technology Option	No. of trials	Yield (q./ha)	% increase in yield	Net Returns (Rs./ha)	B:C
FP- Local variety	05	215.30	-	209370	1:8.7
T1- Navkiran variety variety of brinjal		278.20	22.61	276390	1:10.3
T2- B.R.-112 variety of brinjal		270.10	20.30	267910	1:10.1

Result: Highest yield 278.20 /ha was observed in T1 Navkiran variety of brinjal. There was 22.61 per cent in increase in yield over farmers practice of T1 Navkiran .

OFT-2

Problem definition: No suitable varieties of barley for better production for animal feed grain

Technology assessed or refined (as the case may be): Assessment of high yielding varieties of Barley for animal feed grain

Table Varietal evaluation Barley varieties for animal feed grain

Technology Option	No. of trials/ farmers	Yield (qt./ha)	Increase in yield (%)	Gross cost (Rs.)	Gross Return (Rs.)	Net Return (Rs./ha)	B:C Ratio
T1- (Farmers Practice) Barley- Azad	3	27.3	12.80	29270	41632.5	12362.5	1:1.42
T2- Barley- NDB - 1445 (Recommended Practice)		32.4	33.88	29685	49410	19685	1:1.66

- ***Note- Expected price/MSP Rs. 1525/Q.***

Interference & Feedback- Among the variety of Barley –Narendra Barley- 1445given better yield for animal feed grain

Farmers Reaction - Narendra Barley- 1445 given better yield for animal feed grain.

WEED MANAGEMENT

OFT-3

Problem definition: Infestation of weed due to improper use of herbicide in wheat crops.

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

Table: Effect of post emergence 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)	02	38.7	--	38516	2.5
T2-- Spray of Sulphosulphuron @ 25ga.i./ha+ metsulphuron methyl @ 4ga.i./ha at 30 to 35 days of sowing.		50.2	22.9	60488	3.5

Result: Spray of Sulphosulphuron @ 25ga.i./ha+ metsulphuron methyl @ 4ga.i./ha at 30 to 35 days of sowing showed less no. of weeds and 22.9 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-4

Problem definition: Lower productivity and profitability in Wheat cultivation

Technology Assessed or Refined : Assessment of wheat productivity and profitability by using Happy seeder.

The KVK Panti, Ambedkar Nagar conducted on-farm trial on "wheat sowing by Happy 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)	3	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 Happy seeder suitable for maximum productivity and increased yield 8.18 per cent.

PEST AND DISEASE MANAGEMENT

OFT-5

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 insectin 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-6

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
T1- Spray of Cypermenthrin 5EC@ 2ml./lit.(Farmers Practice)	5	Trial	Check	Trial	Check	24.70
T2-- Spray of safer insecticide Emamactin benzoate 5 SG @18ml/l. (Recommended Practice)		5.42	24.16	283.74	227.52	

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

LIVE STOCK ENTERPRISES

OFT-7

Problem definition: Poor milk yield due to protein and minerals deficiency in lactating buffaloes.

Technology Assessed or Refined: Assessment of Azolla as protein with minerals mixture for better utilization of nutrients and improved milk production in buffaloes.

Table : Performance of Technology Assessed

Technology Option	***No.of trials***	***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*	*3 (6 lactating buffaloes)*	*6.8*	---	*180*	*272*	*92*	*1:1.5*
T-1 *-FP + Green Azolla1.5 Kg. and 50g. minerals mixture/day with de-worming 1st day and 60th day*		*9.3*	*36.76*	*210*	*372*	*162*	*1:1.7*

Interference & Feedback*- Dairy animals perform better milk production with feeding along Green Azolla1.5 Kg. and 50g. Minerals mixture/day and regular de-worming*

Farmers Reaction - *Feeding along Green Azolla1.5 Kg. and 50g. Minerals mixture/day and regular de-worming and regular de-worming give profitable production in lactating buffaloes.*

OFT-8

Problem definition: High disease incidence, high feed cost and required better management in Broiler /croiler strain in Back Yard poultry farming.

Technology Assessed or Refined: Assessment of performance improved breeds in Back 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 improved Cary Shyma poultry 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 improved breeds in Back Yard Poultry Farming in traditional system of farming.

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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 Shyama poultry 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 Shyama birds 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	21	67	42

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

b. Details of FLDs implemented during **2020-21** (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-20-21	20	20	8	60	68	
2.	Wheat	VE	HYV-PBW-39	Rabi2020-21	10	5	1	11	12	
3.	Bee Keeping	Enterprise	Apis Melifera	Rabi 2020-21	5units	5	1	4	5	
4.	Goat Keeping	Enterprise	Barbari goat	Year2020-21	5 Animals	5	2	3	5	
5.	Multicut Chari	Green fodder production	SSG-898	Zaid, 2020-21	1.0	1.0	3	17	20	

6.	Besee m fodd er	Fodde r produc tion	BL-10	Rabi 2020-21	1.0	1.0	2	18	20	
7.	Mus tard	Oil seed produc tion	NDR-8501	Rabi20 20-21	30	30	6	69	75	
8.	Gram	VE	Pusha-362	Rabi2020-21	10	2.2	1	5	6	
9.	Lentil	VE	NL-1	Rabi2019-20	10	10	3	22	25	
10.	Mushroom	Enterp rise	Oyster	Rabi2020-21	5	1	4	5	5	
11.	Apicult ure	Enterp rise	Apis Melife ra	Rabi2020-21	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					
Pig eon pea	Kharif	Irri gat ed	Sa nd y loa m	L	L	M	Whea t	Ist week of July,20	-	316m m	-
Gra m	Rabi	Irri gat ed	Sa nd y loa m	L	L	M	Paddy	Last week of October,20 20	-	316m m	-
Mu star d	Rabi	Irri gat ed	Sa nd y loa m	L	L	M	Paddy	Ist week of October,20 20	-	316m m	-

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Narendra Arahar -2– Farmers were satisfied for higher yield
2	Chick pea –Pusa-362- Farmers reported more yield and less wilt
3	Mustard NDR-8501 –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 –Pusa-362 Sown 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	12-10-	23	

		Mustard—NDR-8501	2021		
2	Farmers Training	1-Production technology of Mustard	22-01-21	26	
		2-Production technology of Rabi Pulses	10-10-20	31	
3	Media coverage				
4	Training for extension functionaries	1-Seed production technology of of Pulse and oilseed crops	15-10-20	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																		
	VE	HYV	NDR-8501	75	30	19.9	15.3	18.6	15.2	22.30	24300	82305	58005	1:3.38	23500	67260	43760	1:2.9

Expected Sale price/ MSP - Mustard - Rs. 4425/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

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	NA-2	30	10	28..6	23.7	26.3	21.5	22.32	25600	157800	132200	1:6.16	25250	129000	103750	1:5.1
Chickpea																		
	VE	HYV	Pusa-362	6	1.2	24.5	20.8	23.2	18.6	24.73	24700	113100	88400	1:4.6	24200	90675	66475	1:3.7
Lentil																		
	VE	HYV	NL-1	39	10	19.8	17.8	18.7	16.9	10.65	24500	89760	65260	1:3.7	23600	81120	57520	1:3.43

Expected Sale price/ MSP – Mustard - Rs. 4425/Q., Pigeon pea - Rs. 6000/Q., Chick pea - Rs. 4875/Q. and Lentil - Rs. 4800/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											
					High	Low	Average			Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals																			
Paddy																			
Wheat																			
	VE	HD-2967	22	5	60.7	54.8	57.75	49.50	16.67			34500	106260	71760	1:3.08	33900	91080	57180	1:2.69
Vegetables																			
Bottlegourd																			
	VE	HYE-Anamika	10	0.2	323.70	321.40	322.90	263.30	22.63			15670	96970	81300	1:6.18	13010	78980	65970	1:6.07
Cabbage																			
Cauliflower																			
Turmeric	VE	HYV-	2	0.02	252	214.3	233.15	211.2	10.39			18250	816025	797775	1:44.71	17900	739200	721300	1:41.29

		Narendra Haldi-1																
Fodder Crops																		
Sorghum (F)	V E	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	V E	HYV-BL-10	20	1.0	690	532	657	583	12.69			16469	197100	180631	1:11.1	15837	174900	159063	1:11

Expected Sale price/ MSP Wheat- Rs. 1925/Q., Bottle gourd- Rs. 300/Q., Termeric-3500/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

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.)			
					Demonstration	Check		Demonstration	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.

FLD on Women Empowerment

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

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units	Yield (Kg)		% change in yield	Other parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)

FLD on Demonstration details on crop hybrids *(Details of Hybrid FLDs implemented during* 2020-21*)*

Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average						
Oilseed crop													

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

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management	1	16	0	16	3	0	3	19	0	19
Soil & water conservatioin										
Integrated nutrient management										
Production of organic inputs										
Others (pl specify)										
Total	**1**	**16**	**0**	**16**	**3**	**0**	**3**	**19**	**0**	**19**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)										
b) Fruits										
Training and Pruning										
Layout and Management of Orchards	1	15	0	15	6	0	6	21	0	21
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)	**1**	**14**	**0**	**14**	**6**	**0**	**6**	**20**	**0**	**20**
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)	**2**	**29**	**0**	**29**	**12**	**0**	**12**	**41**	**0**	**41**
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	1	24	1	25	3	1	4	27	2	29
Poultry Management										
Piggery Management										
Rabbit Management										
Animal Nutrition Management	1	13	0	12	7	1	8	19	1	21
Disease Management	1	12	0	12	7	1	8	19	1	20
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total	**3**	**48**	**1**	**49**	**17**	**3**	**20**	**65**	**4**	**70**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in										

processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total										
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation systems										
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	8	3	11	8	6	14	16	9	25
Integrated Disease Management										
Bio-control of pests and diseases	1	0	39	39	0	6	6	0	45	45
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total	**2**	**8**	**42**	**50**	**8**	**12**	**20**	**16**	**54**	**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	1	8	3	11	8	6	14	16	9	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										
oduction 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	**3**	**37**	**7**	**44**	**23**	**13**	**36**	**60**	**20**	**80**
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	**16**	**234**	**73**	**307**	**92**	**76**	**168**	**376**	**99**	**476**

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										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management	2	32	0	32	6	0	6	38	0	38
Soil & water conservatioin										
Integrated nutrient management										
Production of organic inputs										

Others (pl specify)										
Total	**2**	**32**	**0**	**32**	**6**	**0**	**6**	**38**	**0**	**38**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising	1	8	3	11	8	6	14	16	9	25
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation	1	8	3	11	8	6	14	16	9	25
Others (pl specify)										
Total (a)	**2**	**16**	**6**	**22**	**16**	**12**	**28**	**32**	**18**	**50**
b) Fruits										
Training and Pruning	1	8	3	11	8	6	14	16	9	25
Layout and Management of Orchards	1	14	0	14	6	0	6	20	0	20
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)	**2**	**22**	**3**	**25**	**14**	**6**	**20**	**36**	**9**	**45**
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**	**38**	**9**	**47**	**30**	**18**	**48**	**68**	**27**	**95**
III Soil Health and Fertility Management										
Soil fertility management	2	57	9	66	8	6	14	65	15	80
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	**4**	**114**	**18**	**132**	**16**	**12**	**28**	**130**	**30**	**160**
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	2	24	0	24	14	2	16	38	2	40
Disease Management	1	14	0	14	3	1	4	17	1	18
Feed & fodder technology	1	8	3	11	8	6	14	16	9	25
Production of quality animal products										
Others (pl specify)										
Total	**7**	**83**	**8**	**91**	**39**	**17**	**56**	**122**	**25**	**147**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										

Others (pl specify)										
Total										
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation systems										
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	3	11	8	6	14	16	9	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	1	19	0	19	12	2	14	36	0	36
Apiculture										
Others (pl specify)										
Total	**3**	**37**	**7**	**44**	**23**	**13**	**36**	**60**	**20**	**80**
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	**21**	**321**	**137**	**458**	**129**	**153**	**282**	**474**	**240**	**714**

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										
Resource Conservation Technologies										
Cropping Systems										
Crop Diversification										
Integrated Farming										
Micro Irrigation/irrigation										
Seed production										
Nursery management										
Integrated Crop Management	3	48	0	48	9	0	9	57	0	57
Soil & water conservatioin										
Integrated nutrient management										
Production of organic inputs										
Others (pl specify)										
Total	**3**	**48**	**0**	**48**	**9**	**0**	**9**	**57**	**0**	**57**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising	1	8	3	11	8	6	14	16	9	25
Exotic vegetables										

Export potential vegetables										
Grading and standardization										
Protective cultivation	1	8	3	11	8	6	14	16	9	25
Others (pl specify)										
Total (a)	**2**	**16**	**6**	**22**	**16**	**12**	**28**	**32**	**18**	**50**
b) Fruits										
Training and Pruning	1	8	3	11	8	6	14	16	9	25
Layout and Management of Orchards	1	14	0	14	6	0	6	20	0	20
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**	**36**	**3**	**39**	**20**	**6**	**26**	**56**	**9**	**65**
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)	**5**	**52**	**9**	**61**	**36**	**18**	**54**	**88**	**27**	**115**
III Soil Health and Fertility Management										
Soil fertility management	2	57	9	66	8	6	14	65	15	80
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	**2**	**57**	**9**	**66**	**8**	**6**	**14**	**65**	**15**	**80**
IV Livestock Production and Management										
Dairy Management	2	38	1	39	6	2	8	44	3	47
Poultry Management	1	8	3	11	8	6	14	16	9	25
Piggery Management										
Rabbit Management										

Animal Nutrition Management	2	24	0	24	14	2	16	38	2	40
Disease Management	1	12	0	12	7	1	8	19	1	20
Feed & fodder technology										
Production of quality animal products										
Others (pl specify)										
Total	**6**	**82**	**4**	**86**	**35**	**11**	**46**	**117**	**15**	**132**
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total										
VI Agril. Engineering										
Farm Machinary and its maintenance										
Installation and maintenance of micro irrigation systems										

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	18	6	24	16	12	28	34	18	52
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	2	8	42	50	8	12	20	16	54	70
Others (pl specify)										
Total	**6**	**66**	**87**	**153**	**34**	**30**	**64**	**100**	**117**	**217**
VIII Fisheries										
Integrated fish farming	2	0	22	22	0	78	78		100	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**	**0**	**22**	**22**	**0**	**78**	**78**		**100**	**100**
IX Production of Inputs at site										
Seed Production										
Planting material production	2	16	6	22	16	12	28	32	18	50
Bio-agents production	1	8	3	11	8	6	14	16	9	25
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production	2	20	8	28	6	10	16	36	18	44
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	2	38	0	38	24	4	28	72	0	72
Apiculture										
Others (pl specify)										
Total	**7**	**82**	**17**	**99**	**54**	**32**	**86**	**156**	**45**	**191**
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	45	98	28	48	76	72	93	165
WTO and IPR issues										
Others (pl specify)										
Total	**3**	**44**	**45**	**98**	**28**	**48**	**76**	**72**	**93**	**165**
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming	2	38	2	40	8	6	14	46	8	54

Systems										
Others (pl specify)										
Total	**2**	**38**	**2**	**40**	**8**	**6**	**14**	**46**	**8**	**54**
GRAND TOTAL	**37**	**509**	**195**	**713**	**222**	**229**	**451**	**751**	**420**	**1161**

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										
Training and pruning of orchards										
Protected cultivation of vegetable crops	1	15	5	20	3	2	5	18	7	25
Commercial fruit production										
Integrated farming	1	17	3	20	13	2	15	30	5	35
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying	1	8	1	9	14	2	16	22	3	25
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture	1	25	1	26	6	0	6	31	1	32
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	**4**	**65**	**10**	**75**	**36**	**6**	**42**	**101**	**16**	**117**

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	3	24	18	42	24	9	33	48	27	75
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production	1	27	1	28	4	3	7	31	4	35
Vermi-culture										
Mushroom Production	1	9	5	14	8	3	11	17	8	25
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	1	3	1	4	18	3	21	21	4	25
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture	1	15	2	17	36	3	39	51	5	56
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	**7**	**78**	**27**	**105**	**90**	**21**	**111**	**168**	**48**	**216**

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										
Training and pruning of orchards										
Protected cultivation of vegetable crops	1	15	5	20	3	2	5	18	7	25
Commercial fruit production	3	24	18	42	24	9	33	48	27	75
Integrated farming	1	17	3	20	13	2	15	30	5	35
Seed production										
Production of organic inputs										
Planting material production	1	27	1	28	4	3	7	31	4	35
Vermi-culture										
Mushroom Production	1	9	5	14	8	3	11	17	8	25
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	2	11	2	13	32	5	37	43	7	50
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										

Poultry production										
Ornamental fisheries										
Composite fish culture	2	40	3	43	42	3	45	82	6	88
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL	**11**	**143**	**37**	**180**	**126**	**27**	**153**	**269**	**64**	**333**

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	1	24	0	24	1	0	1	25	0	25
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology	1	24	0	24	1	0	1	25	0	25
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										

Capacity building for ICT application										
Management in farm animals	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**	**96**	**4**	**100**

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										
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 – 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	1	24	0	24	1	0	1	25	0	25
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology	1	24	0	24	1	0	1	25	0	25
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals	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**	**96**	**4**	**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	21	4150	136	4286
Exhibition	19	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	8	423	0	423
Method Demonstrations	1	11	0	11
Celebration of important days	6	313	5	318
Special day celebration	1	1071	23	1094
Exposure visits	1	32	6	38
Others (pl. specify)				
Total	**327**	**20192**	**376**	**20568**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	2
Extension Literature	3
News paper coverage	27
Popular articles	6
Radio Talks	3
TV Talks	0
Animal health Camps (Number of animals treated-287 no.)	1
Others (pl. specify)	
Total	**7**

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.)	1	31	
	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	

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	256	524	6	
Water				
Plant				
Manure				
Others (pl.specify)				
Total	256	524	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

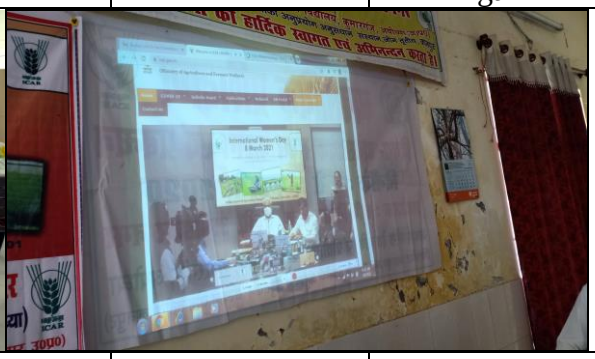
IX-Others Programmes-

Date of Programme	Name of Programme	Venue of the programme	No. of persons/farmers	Chief Guest / other Distinguished Officers /person participated
25-12-2020	Sushashan Diwas and Krishak Gosthi on the Occasion of Late P.M.Barat Ratna Late Sri Atal Bihari Bachpayee and Live Telecast Programme of PM Trafering the money Rs.18 Karore to farmers accounts of Kisan Samman Nidhi and addressing to farmers	KVKAmbdkar Nagaar	967	Sri Shivnyak Verma Chaireman, BJP Awadh Region
				
08-2020	Brihat Plantation Programme and Kisan Gosthi	KVKAmbdkar Nagaar	73	Dr. Vivek Trivedi Area Maneger IFFCO
				
15Sept.-2nd Oct.,2020	Swacchata Programme	KVK Ambedkar Nagar	189	School Priciple, Pradhan Manshpur



18-25/10/2020	KrishTakniki Pkhwara	KVKAmbdkar Nagaar	116	Chief Regional Manager, SBI, Gorakhpur


8-03-2021	World Women Day	KVK Ambedkar Nagar	56	Director, Baroda Swarojgar Sasthan,Amb.Nagar

22-03-2020	International Water Day	KVKAmbdkar Nagaar	46	-

05-06-2021	World environment Day and Live Telecast Programme of Hon'ble P.M.	KVKAmbdkar Nagaar and Vill.-Jamauli,Bl.,Jalalpur	67	Sri Ashok Chadhari, Environmentalist



Progress Report of Nutrition- sensitive Agricultural Resources and Innovation (NARI) Programmes Year 2021

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	22-25/01/2021 (4days)	19	6	25	
2.	Nutritional garden on fruits and vegetables production for self home nutrition throughout year	16-20/02/2021 (4days)	4	47	51	
3.	Milk Production and processing techniques for better nutrtion	15-18/03/2020 (4days)	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

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

Name: Sri Ram Sankar Maurya
Father Name: Sri Asha Ram Maurya,
Vill- Naryanpur
Block-Katehari,
District- Ambedkar Nagar, U.P.

Before Intervention: Sri Ram Shankar Maura is 28 years, education Graduate in B.Sc., Match. Previously, working in Delhi in a Company of Electronic getting monthly salary Rs.20,000. He returned back his home during lock down due to Carona virus COVID-19.in Month during March,2020. he cultivated rice-wheat crops and tomato but he faced poor production of tomato due to attack of diseases and poor fruit quality. He has land holding-3 acre. Previously, he cultivated rice-wheat crops and tomato some vegetables but he faced poor production due to attack of diseases and poor fruit quality.

KVK interventions and Support:- KVK, Ambedkar Nagar imparted Capacity building Training for Migrant Labours under P.M.G.K.R.A. on Scientific vegetable production in July,2020 in which Sri Ram Shankar Maura participated and he acquired the knowledge about tomato production on

ridge planting , staking method to reduce the weed infestation and moister loss and disease incidence in the spacing of 75X45 cm., fertilizer dose NPK-120:60:50 kg/ha. The ridge planting , staking in tomato, yield increased up to 52.33% as compared to flat planting (FP) of tomato increase efficient use water, promote the plant growth due to better root development, recued the water loss, disease incidence and added increases income to the farmers.

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

Outcome:- The outcome of this demonstration motivated the farming communities of nearby villages to replace their old varieties by Hybrid Tomato varieties. Sri Ram Shankar Maura is very happy on improvement in their income, livelihood by latest scientific technology of tomato and other seasonal vegetable production.

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

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

CASE STUDIES / SUSCESS STORY -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.. Previously, working in Bombay in a Transport Company getting monthly salary Rs.30,000. He returned back his home during lock down due to Carona virus COVID-19.in Month during March,2020. 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 Migrant Labours under P.M.G.K.R.A. on poultry and fish farming during June to July,2020 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.

CASE STUDIES / SUSCESS STORY-3
Name of KVK-Ambedkar Nagar

TITLE- Scientific Vegetables cultivation along fish Farming for better production and income.

Name: Sri Ram RamKesh
Father Name: Sri Gopi
Vill- Thatta
Block-Jalaalpur,
District- Ambedkar Nagar, U.P.

Before Intervention: Sri Ram Kesh is 35 years, education

Intermediate. Previously, working in Ludhiyana in a Company of getting monthly salary Rs.15000. He returned back his home during lock down due to Carona virus COVID-19.in Month during March, 2020. he cultivated rice-wheat crops and tomato but he faced poor production of tomato due to attack of diseases and poor fruit quality. He has land holding-3 acre. Previously, he cultivated rice-wheat crops and tomato some vegetables but he faced poor production due to attack of diseases and poor fruit quality.

KVK interventions and Support:- KVK, Ambedkar Nagar imparted Capacity building Training for Migrant Labours under P.M.G.K.R.A. on Scientific vegetable production and Integrated fish Farming in June- July,2020 in which Sri Ram Kesh participated and he acquired the knowledge about Scientific vegetable production and fish farming. After that he started vegetable seed and nursery production He take 1 acre pond on Patta and started composite fish farming and started fish farming and his income increased by vegetable production and fish farming.

Output:- -

- Cost in one acre fish pond of 6000 fish production to gain av. wt 1kg./wt =Rs.114000/-
- Av. Income by selling of fish (2% mortality) av. wt. of .75kg @ Rs.90/kg =Rs. 396900/-
- Av. Profit / year of fish = Rs. 282900/-
- Expected cost vegetable–Tomato, Califlower, Carrot, cabbage and vegetables nursery production = Rs. 95,500/-
- Total annual income from vegetables and vegetable nursery production=Rs. 2,12,500 /-
- Av. Profit / year of from vegetables and vegetables nursery plants selling = 1,17,000/-

Outcome-Annually profitable income-

- Total annual profitable income =Rs2,82,900 +1,17,000 = Rs. 3,99,900 /year

Outcome:- The outcome of this demonstration motivated the farming communities of nearby villages started vegetable nursery production. Sri Ram Kesh is very happy on improvement in their income, livelihood by latest scientific technology of seasonal vegetable and fish production.

Impact:- Sri Ram Kesh is becoming one of the progressive and learned farmers for others with regards to popularization of technology of vegetables production and nursery production with improved variety along with fish farming. This technology helps him for livelihood, empowerment.

Field of Sri Rama kesh of seasonal vegetables production

Field of Sri Rama Kesh of vegetable nursery and Radish seed production

Composite Fish Farming by Ram Kesh in fish ponds taken on Patta

XIII-Different units developed under KVK Ambedkar Nagar

1- Vormi Compost unit

2-NADOP Compost unit

3-Ajola Production Unit

4-Fish pond unit

5-Bee Keeping unit

6- Napier Grass Perennial fodder

7- Mushroom Production

8- Crops cafeteria

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