Krishi Vigyan Kendra, Banswara

(Directorate of Extension Education)

Maharana Pratap University of Agriculture & Technology, Udaipur





(April-2019 To March-2020)



Submitted to Director

Agricultural Technology Application & Research Institute, Jodhpur

DETAILS OF ACTION PLAN OF KVKs DURING 2019-20

(1st April 2019 to 31st March 2020)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Teleph	none	E mail	Website
Krishi Vigyan Kendra, Borwat Farm, Banswara	Office	FAX	kvkbanswara3@ gmail.com	www.mpuat.ac.in
(Raj.) 327001	02962-260069			

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

Address	Teleph	none	E mail	Website
	Office	FAX		
Directorate of Extension Education, MPUAT,	0294-2417697	0294-2412515	deempuatudr@gmail.com,	www.mpuat.ac.in
Udaipur			deempuatudr@yahoo.com	

1.2.b. Status of KVK website : Yes/No : Yes

1.2.c. No. of Visitors (Hits) to your KVK website (as on today) :

1.2.d Status of ICT lab at your KVK : NA

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

Name		one / Contact	
Dr. B. L. Soni	Office	Mobile	Email
DI. R.L. SUII	02962-260069	9636792255	kvkbanswara3@gmail.com

1.4. Year of sanction: 1983

1.5. Staff Position (as on 31 December 2018)

S. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs. <mark>)</mark>	Grade Pay	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)	Mobile No.	Email id	Please attach recent photograph
1	Senior Scientist & Head	Dr. R.L. Soni	Sr. Scientist & Head	Agri. Ext. Edu.	7400- 7000	9000	53820	18-9-2007	Temporary	OBC	9636792255	kvkbanswara3 @gmail.com	
2	Scientist	Dr. H.L. Bugalia	Scientist	Animal Science	5600- 9100	7000	27120	31.12.2011	Temporary	OBC	9001590701	kvkbanswara3 @gmail.com	
3	Scientist	Dr. B.S.Bhati	Scientist	Horticult re	5600- 9100	7000	26370	25.6.2013	Temporary	Others	9829422993	bhati.bsbikan er@gmail.co m	
4	Scientist	Vacant	Scientist	Agro	-		-	-	-	-	-		
5	Scientist	Vacant	Scientist	Soil Sc.	-		-	-	-	-	-		
6	Scientist	Vacant	Scientist	Fisheries		-	-	-	-	-	-		
7	Scientist	Vacant	Scientist	Home Sc	-		-	-	-	-	-		
8	Program me Assistant	Dr. G.L. Kothari	STA	Agricultu e Extensior Education	L-15	-	100200	20-2-1990	Temporary	Others	9414786256	kvkbanswara @gmail.com	
9	Farm Manager	Vacant	T.A.	Ag.									

10	Computer Program mer	Mrs. Rashmi Dave	T.A.	Home Science	L-12	-	61300	13-8-2003	Temporary	Others	9460584423	kvkbanswara3 @gmail.com	
11	Accounta nt	Vacant	Account ant	-			-	-	-	-	-		
12	Stenogra pher*	Vacant	Stenogr apher*										
13	Driver	Vacant	Driver	-		-	-	-	-	-	-	-	
14	Driver	Vacant	Driver	-		-	-	-	-	-	-		
15	Supportin g staff	Vacant	Supporti ng Staff	-									
16	Supportin g staff	Sh. Hemraj	Supporti ng Staff	-	200 - 0200	1750	10210	3-1-1989	Temporary	OBC	9460521335	kvkbanswara @gmail.com	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.69
2.	Under Demonstration Units	0.037
3.	Under Crops	4.50
4.	Horticulture	6.00
5.	Pond	0.20
6.	Others if any	0.61

1.7. Infrastructural Development:

A) Buildings

		Source of	Stage						
c	Name of building	funding		Complete		Incomplete			
No.			Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction	
1.	Administrative Building	ICAR	1988	441.85	Constructed by EO and handed over to KVK				
2.	Farmers Hostel	ICAR	1985	372.0	Constructed by EO and handed over to KVK				
3.	Staff Quarters (6)	ICAR	2006-07	405.0	Constructed by EO and handed over to KVK				
4.	Demonstration Units (2)	Other agency	1992	372.33	3.00	-	-	-	
5	Fencing	ICAR	2015	-	-	-	-	-	
6	Rain Water harvesting system	ICAR	2008	35	9.72	-	-	-	
7	Threshing floor	ICAR	2007	-	1.00	-	-	-	
8	Farm godown	ICAR	-	EO office	-	-	-	-	
9	Poultry	NAIP	2014	-	11.00	-	-	-	

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero Jeep	2007	500000	271186	Running
Motor Cycle	2004	27000	105778	Running
Motor Cycle	2011	50000	42064	Running

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
LCD	2005	82,620	Good
Television + VCD	2007	26,200	Good
Video Conferencing	2007	1,70,840	Good
Digital Camera	2009	15,000	Good
Digital Camera	2011	27,000	Good
KYAN	2017	1,00,000	Good
Digital Camera	2017	48000	Good

1.8. A). Details of SAC meetings to be conducted in the year

SI.No.	Date
1. Scientific Advisory Committee	04.09.2018

d`f"k foKku dsUnz ckalokMk dh oSKkfud lykgdkj lfefr dh cSBd 4 flrEcj 2018 dks egkjk.kk izrki d`f"k ,oa izkS|ksfxdh fo'ofo|ky;] mn;iqj ds izlkj f'k{kk funs'kd MkW- Lusgyrk ekgs'ojh dh v/;{krk ,ao laHkkxh; funs'kd MkWizeksn jksdfM+;k ds fof'k"V vkfrF; esa lEiUu gqbZA izkjEHk esa MkW-vkj-,y-lksuh us cSBd esa i/kkjs vkxarqd vfrfFk;ksa dk Lokxr fd;k ,oa foxr cSBd esa fn;s x;s lq>koksa ,oa muds vuqdj.k ds ckjs esa izdk'k Mkyk rFkk mlds i'pkr~ o"kZ 2018 ds izxfr izfrosnu is'k dj dsUnz dh foxr o"kZ dh xfrfof/k;ksa ij izdk'k MkykA

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la-			
1	MkW- Lusgyrk	funs"kd] izlkj f"k{kk	e-iz-Ñ-fo-fo-] mn;iqj
	ekgs ' ojh		
2	MkW-ih-ds-jksdfM+;k	{ks=h; vuqla/kku funs"kd	,-vkj-,I-] ckalokM+k
3	MkW-ih-lh-piyksr	izksQslj] IL; foKku	e-iz-Ñ-fo-fo-] mn;iqj
4	MkW-gjfxykl eh.kk	lgizk/;kid] IL; foKku	,-vkj-,I-] ckalokM+k
5	MkW-iz"kkUr	lgk;d izk/;kid] ikS/kO;kf/k	,-vkj-,I-] ckalokM+k
	tkEcqydj		
6	MkW- jes"k ckcq	lgk;d izk/;kid] dhV foKku	,-vkj-,l-] ckalokM+k
7	Jh Hkqjkyky ikfVnkj	mifuns"kd ¼Ñf'k½	d`f'k foHkkx] ckalokM+k
8	Jh vkj-ds-tkjksyh	mifuns"kd ¼Ñf'k½ vkRek	d`f'k foHkkx] ckalokM+k
9	MkW- dSyk"k "kekZ	lgk;d funs"kd] m ku	m ku foHkkx] ckalokM+k
10	Jh "kkafryky Mkeksj	lgk;d funs"kd] m ku	ckalokM+k
11	Jh ds-lh-eh.kk	lgk;d funs"kd Ñf'k foLrkj	ckalokM+k
12	Jh jkelsod c?ksy	lgk;d fun"kd] Ñf'k izlkj	ckalokM+k
13	Jh lqHkk'k tSu	MhMh,e	ukckMZ] ckalokM+k
14	Jh ftrsUnz pkS/kjh	izkstsDV Mk;jsDVj	fjyk;al Qkm.Ms"ku] ckalokM+k
15	Jh lqjs"k feJk	lhbZvks	ts-ds-,-ih-lh-,y-] ckalokM+k
16	Jh dqynhi "kekZ	vuqla/kku vf/kdkjh	e`nk ty ijh{k.k iz;ksx"kkyk]
			ckalokM+k
17	MkW-ykypUn	izfrfuf/k	i"kqikyu foHkkx] ckalokM+k
18	Jh vejpUn	izxfr"khy fdlku	pM+yk
19	Jh fgjkyky	izxfr"khy fdlku	tquhikVu
20	MkW-,p-,y-cqxkfy;k	oSKkfud] i"kq mRiknu	dsohds] ckalokM+k
21	MkW-ch-,I-HkkVh	oSKkfud] m ku foKku	dsohds] ckalokM+k
22	MkW- th-,y-dksBkjh	ofj"B rduhdh lgk;d ¼izlkj½	dsohds] ckalokM+k
23	Jherh jf"e nos	dk;ZØe lgk;d	dsohds] ckalokM+k
24	Jh nsohyky	dfu"B fyfid	dsohds] ckalokM+k
25	MkW- vkj-,y-lksuh	lfpo& oSKkfud lykgdkj lfefr	dsohds] ckalokM+k

bl cSBd esa fuEufyf[kr vfrfFk;ksa ,oa InL;ksa us Hkkx fy;kA

oSKkfud lykgdkj lfefr cSBd esa vkxUrqd vfrfFk;ksa us fuEufyf[kr lq>ko fn;s%

dz- l-	lq>ko	fdz;kfUofr lUnHkZ
1	mUur i'kqikyu ds rgr nw/k c<+kus ds fy;s feujy feDlpj ds izn'kZuksa dks c<+k;k tk;sA	ofj"B oSKkfud ,oa izHkkjh ,oa Ik'kqikyu oSKkfud
2	vk;kZ izf'kf{kr ;qokvksa dks vU; foHkkxksa ls tksM+sA	ofj"B oSKkfud ,oa izHkkjh ,oa Ik'kqikyu oSKkfud
3	ftys esa vtksyk] mPp ewY; dh m kfudh Qlyksa ij izf'k{k.k vk;ksftr djsaA	ofj"B oSKkfud ,oa izHkkjh ,oa leLr oSKkfud

4	efgyk l'kfDrdj.k dks c<+kok nsus gsrq eqY; lao/kZu ij izf'k{k.k vk;ksftr djsaA	ofj"B oSKkfud ,oa izHkkjh ,oa x`g oSKkfud
5	fdlkuksa ds mRiknd lewg cukdj mudks cktkj ls tksMus dk iz;kl djsA	ofj"B oSKkfud ,oa izHkkjh ,oa leLr oSKkfud
6	lQy dk;dzeksa ds izpkj izlkj gsrq vk/kqfud n`'; lk/uksa dk iz;ksx djsaA	ofj"B oSKkfud ,oa izHkkjh ,oa leLr oSKkfud
7	ftys esa u;h Qlyksa ds ckjs esa QhMcsd ysdj ml ij ijh{k.k vk;ksftr djsaA ,ao dsUnz ds dk;Zdzeksa dk lkekftd vkfFkZd ewY;kadu Hkh djsaA	ofj"B oSKkfud ,oa izHkkjh ,oa leLr oSKkfud
8	m kfudh Qlyksa ds izFke ifDr izn'kZuksa ls izkIr vkadM+ks dkss vU; lLFkkvksa o foHkkxksa dks Hkh miyC/k djk;saA	ofj"B oSKkfud ,oa izHkkjh ,oa m kfudh oSKkfud
9	vke esa ekWy Qkjesa'ku ij izf'k{k.k vk;ksftr fd;s tk;saA	ofj"B oSKkfud ,oa izHkkjh ,oa m kfudh oSKkfud
10	izf'k{k.kks esa Hkwfe mipkj ds fy;s V ^a kbdksMekZ ds mi;ksx dks c<+kok fn;k tk;saA	ofj"B oSKkfud ,oa izHkkjh
11	dhV izdksi dh iwoZ lwpuk eslst iksVZy }kjk fdlkuksa dks lwfpr djsaA	ofj"B oSKkfud ,oa izHkkjh
12	e'k#e mRiknu ij izf'k{k.k vk;ksftr fd;s tk;saA	ofj"B oSKkfud ,oa izHkkjh ,oa izk;ksftr izf'k{k.k izHkkjh
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14	ikWyhgkml esa lq=d`fe izca/ku ,ao QVhZxs'ku ij izf'k{k.k vk;ksftr fd;k tk;saA	ofj"B oSKkfud ,oa izHkkjh ,oa m kfudh oSKkfud
15	dsUnz ij vk;ksftr izf'k{k.kks esa fdlkuksa dks jk"Vªh; d`f"k ;kstukvksa ls voxr djk;saA	ofj"B oSKkfud ,oa izHkkjh ,oa izk;ksftr izf'k{k.k izHkkjh
16	dsUnz }kjk vk;ksftr izf'k{k.kkas esa vU; lLFkakvks ls Hkh d`"kd@d`"kd efgyk vkefU=r djasA	ofj"B oSKkfud ,oa izHkkjh ,oa izk;ksftr izf'k{k.k izHkkjh

2. DETAILS OF DISTRICT

2.1	Major farming systems/enterprises (based on the analysis made by the KVK)
S. No	Farming system/enterprise
1	Crop based : Maize/Cotton/Soybean/Paddy-Wheat/Rabi Maize/Gram/Summer greengram
2	Horticulture based : Chilli/Tomato/Brinjal/Okra/ Onion/Cucurbits
3	Live stock based : Cow/Buffalo/Goat
2.2	Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)
a)	Soil type
SI No	Agro-climatic Zono

Ľ	51. NO.	Agro-climatic Zone	Characteristics
	1	Southern Humid Plain Zone (IV	High rainfall and relative humidity
		B)	
	b)	Topography	
	S. No.	Agro ecological situation	Characteristics
Г	1	VECI	Sondy loom and madium rainfall madium alguation

5. r	NO.	Agro ecological situation	Characteristics
1		AES-I	Sandy loam soil, medium rainfall, medium elevation
2	2	AES-II	Medium black soil, high rainfall, medium elevation
3	3	AES-III	Medium black soil, high rainfall, high elevation

2.3 5	Soil Types		
S. No	Soil type	Characteristics	Area in ha
1	Medium black clay soil	Heavier and content high clay, high water holding capacity and suitable for	10.50
2	Medium brown clay soil	cotton and soybean	15.56
3	Medium brown loamy soil		21.55
4	Medium brown gravelly loam	Medium in clay and suitable for vegetables and most crops	13.48
5	Red gravelly loamy hilly sols	Light soils, low water holding capacity and suitable for maize and pulses	3.75
6	Medium red loamy		21.39
7	Shollow red gravelly loam	Lights soils	13.22

2.4. Area, Production and Productivity of major crops cultivated in the district (2018-19)

S. No	Сгор	Area (ha)	Production (MT.)	Productivity (kg./ha)
1	Paddy	28592	62902	2200
2	Maize	97523	209674	2150
3	Urd	8811	6167	700
4	Soybean	69136	127901	1850
5	Cotton	10576	6874	650
6	Wheat	87286	260985	2990
7	Barley	888	986	1110
8	Gram	11856	15175	1280
9	Rabi Maize	13677	65171	4765

Source: Office of District Collector, Banswara

2.5. Weather data (2018)

Manth	Deinfell (mm)	Temper	ature 0º C	Relative Humidity (%)		
Wonth	Rainfail (mm)	Maximum	Minimum	Maximum	Minimum	
April 2018	-	40.2	19.5	56	17	
May 2018	-	42.6	27.0	53	21	
June 2018	38	41.5	24.5	85	30	
July 2018	311.1	32.8	24.4	90	65	
August 2018	212.2	31.8	28.8	90	62	
September 2018	142.1	32.9	20.4	87	55	
October 2018	-	36.1	15.5	78	32	
November 2018	-	34.1	12.2	80	21	
December 2018	-	28.8	6.3	82	28	
Total	703.4					

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

Category Population		Production	Productivity
Cattle			
Cattle	634771	450 lit/lactation	1.5 lit/day
Crossbreed	5909	1350 lit/lactation	4.5 lit/day
Buffalo	265630	750 lit/lactation	2.5 lit./day
Sheep	7207	-	-
Goats	460460	-	250 ml/day
Pigs			
Crossbred	-	-	-
Indigenous	125	-	-
Rabbits	729	-	-
Poultry			
Hens	-	-	-
Desi	360290	30-40 eggs/year	-
Category		Production (Q.)	Productivity
Fish (Reservoir)	22000 ha	250 mt	100 kg/ha/yr

*Statical report

2.7 Details of Operational area / Villages

Taluka ^l t	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
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Bagidora	Bagidora	Pateliya , Juni patan, Vadlipada, Sangrampura	Maize Wheat Soybean Vegetables Pulses	 Low yield of major cereals and pulses. Low seed replacement rate of pulses. Non descrpt breed of goat. Malnutrition in farm families. 	•	Enhancing productivity of maize, paddy, soybean and cotton during <i>kharif</i> , wheat and gram during <i>rabi</i> and greengram during <i>zaid</i> season. Diversifications of existing cropping systems by promoting cultivation of vegetables and fruit plants such as mango (Mallika, Kesar, Dasheri etc.), Aonla (NA- 7, Chakaiya) and Guava (L-49) and conservation of genetic resources of mango. Improving the indigenous breeds of goat by breeding and management. Imparting vocational training to tribal youth for self- employment generation on fruit plant nursery raising, livestock production, agro processing of soybean & mango
Sajjangarh	Sajjangarh	Goika Pargi, Goika Baria, Rupgarh, Jalimpura, Kushalipada, Waka Khunta, Pandwal Lunja, Pandwal Oonkar, Aamlipada, Sukheda, Vaagol	Maize Wheat Soybean Vegetables Pulses	 Low yield of major cereals and pulses. Low seed replacement rate of pulses. Non descript breed of goat. Malnutrition in farm families. Lack of improved quality breed of Poultry 		Enhancing productivity of maize, paddy, soybean and cotton during <i>kharif</i> , wheat and gram during <i>rabi</i> and greengram during <i>zaid</i> season. Improving the indigenous breeds of goat by breeding and management Imparting vocational training to tribal youth for self- employment generation on fruit plant nursery raising, livestock production, agro processing of soybean & mango. Exploring possibilities of aqua culture in tribal belt of Banswara. Promotion dry land farming technologies with emphasis on water harvesting Promotion of improved backyard poultry birds
Ghatol	Ghatol	Todi Simrol, Sita Talai, Amarthoon , Bhompada, Chadla, Kehari, Jambudi, Kanpura	Maize Wheat Soybean Vegetables Pulses	 Low yield of major cereals and pulses. Low seed replacement rate of pulses. Non descript breed of goat. Malnutrition in farm families. 		Enhancing productivity of maize, paddy, soybean and cotton during <i>kharif</i> , wheat and gram during <i>rabi</i> and greengram during <i>zaid</i> season. Increasing the seed replacement rate through promotiong seed production techniques of self pollinated crops Diversifications of existing cropping systems by promoting cultivation of vegetables and fruit plants such as mango (Malika, Kesar, Dasheri), Aonla (NA 7, Chakya) and Guava (L 49) and conservation of genetic resources of mango Improving the indigenous breeds of goat by breeding and management Imparting vocational training to tribal youth for self- employment generation on fruit plant nursery raising, livestock production, agro processing of soybean & mango
Anandpuri	Anandpuri	Chhayna, Mundari, Jher	Maize Wheat Soybean Vegetables Pulses	 Low yield of major cereals and pulses. Low seed replacement rate of pulses. Non descript breed of goat. Malnutrition in farm families. 	•	Enhancing productivity of maize, paddy, soybean and cotton during <i>kharif</i> , wheat and gram during <i>rabi</i> and greengram during <i>zaid</i> season. Increasing the seed replacement rate through promotiong seed production techniques of self pollinated crops Diversifications of existing cropping systems by promoting cultivation of vegetables and fruit plants such as mango (Malika, Kesar, Dasheri), Aonla (NA 7, Chakya) and Guava (L 49) and conservation of genetic resources of mango Improving the indigenous breeds of goat by breeding and management Imparting vocational training to tribal youth for self- employment generation on fruit plant nursery raising, livestock production, agro processing of soybean & mango

Banswara	Banswara	Ruparel, Vageri Hareng, Samapada, Vageri Charpota, Mendiya Katara, Bhamarkada, Gaagri	Maize Wheat Soybean Vegetables Pulses	•	Low yield of major cereals and pulses. Low seed replacement rate of pulses. Non descript breed of goat. Malnutrition in farm families.		 Enhancing productivity of maize, paddy, soybean and cotton during <i>kharif</i>, wheat and gram during <i>rabi</i> and greengram during <i>zaid</i> season. Increasing the seed replacement rate through promotiong seed production techniques of self pollinated crops Diversifications of existing cropping systems by promoting cultivation of vegetables and fruit plants such as mango (Malika, Kesar, Dasheri), Aonla (NA 7, Chakya) and Guava (L 49) and conservation of genetic resources of mango Improving the indigenous breeds of goat by breeding and management Imparting vocational training to tribal youth for self-employment generation on fruit plant nursery raising, livestock production, agro processing of soybean & mango
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2.8 Priority thrust areas

S.N.	Thrust area
1	Enhancing productivity of maize, paddy, soybean and cotton during kharif, wheat and gram during rabi and greengram during zaid season
2	Increasing the seed replacement rate through promotiong seed production techniques of self pollinated crops
3	Diversifications of existing cropping systems by promoting cultivation of vegetables and fruit plants such as mango (Malika, Kesar, Dasheri,
	etc.), Aonla (NA-7, Chakaiya) and Guava (L-49) and conservation of genetic resources of mango
4	Promotion dry land farming technologies with emphasis on water harvesting
5	Improving the indigenous breeds of goat by breeding and management
6	Empowerment of women through drudgery reduction in agriculture and animals husbandry, improvement in the nutrition, health, hygiene and
	by using improve agricultural implements
7	Imparting vocational training to tribal youth for self-employment generation on fruit plant nursery raising, livestock production, agro
	processing of soybean & mango
8	Exploring possibilities of aqua culture in tribal belt of Banswara
9	Capacity building of rural youth in agri and allied vocations for self-employment and enterprise establishment.

3. B. Abstract of interventions to be undertaken

				Interventions							
S. No	Thrust area	Crop/ Enterprise	ldentified Problem	Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.		
1	Balanced nutrient management	Onion	Imbalance fertilizer use and no use of Zinc	Balanced nutrient management in onion							
2	Use of growth harmon	Chilli	Shedding of flowers and frurits and no use of growth regulators	Effect of auxin on yield of chilli							
3	Dairy management	Cattle	Low milk yield	Effect of mineral mixture along with by-pass protein supplement to increase milk production in dairy cattle							
4	Poultry management	Existing breed	Low body weight gain & less egg production due to heat stress	Assessment the impact of Electrolytes to control heat stress condition in poultry							

3.1 Technologies to be assessed and refined

A.1 Abstract on the number of technologies to be assessed in respect of **crops**

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation										
Seed / Plant production										

Weed Management						
Integrated Crop Management			1			
Integrated Nutrient			3			
Management / Balance						
Nutrient Management	 	 		 	 	
Integrated Farming System						
Mushroom cultivation						
Drudgery reduction						
Farm machineries						
Value addition						
Integrated Pest Management						
Integrated Disease						
Management						
Resource conservation						
technology						
Small Scale income generating						
enterprises						
TOTAL						

A.2. Abstract on the number of technologies to be refined in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Kitchen garden	Tuber Crops	TOTAL
Varietal Evaluation										
Seed / Plant production										
Weed Management										
Integrated Crop Management										
Integrated Nutrient Management / Balance Nutrient Management										
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Post Harvest Technology										
Integrated Pest Management										
Integrated Disease Management										
Resource conservation technology										
Small Scale income generating enterprises										
TOTAL										

A.3. Abstract on the number of technologies to be assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Wormi culture	Fisheries	TOTAL
Evaluation of Breeds		1						
Nutrition Management	1							
Disease of Management								
Value Addition								
Production and Management								
Feed and Fodder								
Small Scale income generating enterprises								
TOTAL								

A.4. Abstract on the number of technologies to be refined in respect of livestock / enterprises : NIL

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management								
Disease of Management								
Value Addition								
Production and Management								
Feed and Fodder								
Small Scale income generating								
enterprises								
TOTAL								

PROBLEM CAUSE DIAGRAM FOR LOW MILK YIELD IN COW



B. Details of On Farm Trial

OFT-1	(Animal Production)		
1.	Title	:	Effect of mineral mixture along with by-pass protein supplement to increase milk production in dairy cattle
2.	Problem diagnose/defined	:	Low milk yield
3.	Details of technologies selected for assessment /refinement	:	T ₁ . Farmers practice – No proper feeding T ₂ . Dewarming with fenbendazole. To be provided with mineral mixture @ 50gm/head/day for 2 months. Supplementation of by-pass protein ration @ 3kg/head/day for 2 months
4.	Source of technology	:	NDDB
5.	Production system		
	thematic area	:	Dairy cattle
6.	Thematic area	:	Nutritional management
7.	Performance of the Technology with		
	performance indicators	:	Increasing milk production
8.	Final recommendation for		
	micro level situation	:	Yet to be given
9.	Constraints identified and		
	feedback for research	:	Imbalance feeding
10.	Process of farmers participation and their reactio	:	All farm operations done by farmer's himself in collaboration of Scientist

11. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Dairy	Cattle	Low milk yield	Effect of mineral mixture along with by- pass protein supplement to increase milk production in dairy cattle	20	Milk yield	Milk yield, milk fat %	Milk yield, , milk fat %	-	-

	Yield	(q/ha)	Net Return			
Technology Assessed	2018	2019	(Profit) in Rs. / ha	BC Ratio		
11	1	2	13	14		
T ₁ . Farmers practice – No proper feeding		Result Awa	Result Awaited			

T ₂ . Dewarming with fenbendazole.	
To be provided with mineral mixture @ 50gm/head/day for 2 months.	
Supplementation of by-pass protein ration @ 3kg/head/day for 2 months	

OFT-2	(Animal Production)		
1.	Title	:	Assessment the impact of Electrolytes to control heat stress condition in poultry
2.	Problem diagnose/defined	:	Low body weight gain & less egg production due to heat stress
3.	Details of technologies	:	T ₁ . Farmers practice – Feeding concentrate + watering
	selected for assessment		$T_{2\text{-}}$ Feeding concentrate with $\mbox{ aonla powder}$ @ 2 gm / lit of water
	/refinement		$T_{3\text{-}}\ $ Feeding concentrate with electrolyte @ 1 gm / 2 lit of water
4.	Source of technology	:	IVRI, Izzatnagar, Bareilly
5.	Production system		
	thematic area	:	LPM
6.	Thematic area	:	LPM
7.	Performance of the		
	Technology with		
	performance indicators	:	Body weight gain (gm), Egg production (No.). farmers reaction & feed back
8.	Final recommendation for		
	micro level situation	:	Yet to be given
9.	Constraints identified and		
	feedback for research	:	Non availability of good breeds
10	. Process of farmers	:	All farm operations done by farmer's himself in collaboration of Scientist
	participation and		
	their reactio		
11.	Results of On Farm Trials	_	

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Poultry	Back yard	Low body weight gain & less egg production due to heat stress	Assessment the impact of Electrolytes to control heat stress condition in poultry	10	Low body weight gain & less egg production due to heat stress	Gain in body weight & egg production	Gain in body weight and egg production	-	-

	Yield	(q/ha)	Net Return	
Technology Assessed		2019	(Profit) in Rs. / ha	BC Ratio
11	12		13	14
T ₁ -Farmers practice – Feeding concentrate + watering				
T ₂ -Feeding concentrate with aonla powder @ 2 gm / lit of water				
T_{3-} Feeding concentrate with electrolyte @ 1 gm / 2 lit of water				

PROBLEM CAUSE DIAGRAM FOR LOW YIELD OF ONION



1.	Title	:	Balanced nutrient management in Onion
2.	Problem diagnose/defined	:	Inadequate use of fertilizers and no use of Zinc
3.	Details of technologies	:	T_{1} Farmers practice (80:40:0 kg N, P_2O_5 and $K_2O/ha)$
	selected for assessment		$T_{2}.$ Assessment practice (100:50:100 kg N, P_2O_5 and K_2O /ha + foliar spray of Zn So_40.5% at 30 and
	/refinement		45 DAT)
4.	Source of technology	:	KVK, MPUAT, Banswara
5.	Production system		
	thematic area	:	Maize/Soybean/Cotton/Paddy-Wheat/Rabi maize-Summer greengram
6.	Thematic area	:	Nutrient management
7.	Performance of the		
	Technology with		
	performance indicators	:	Yield attributes, yield, net return & B:C ratio
8.	Final recommendation for		
	micro level situation	:	Yet to be given
9.	Constraints identified and		
	feedback for research	:	Non availability of potassium fertilizers in KVSS / local market
10.	Process of farmers	:	
	participation and		
	their reaction	:	All farm operations starting from nursery raising to harvesting done by farmer's himself in
			collaboration of Scientist

11. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Onion	Irrigated	Imbalanced fertilizer use and no use of Zinc	Balanced nutrient management in onion	5	Balance nutrient management	Yield, net return and B:C ratio	Yield	Increase in yield	Farmers agreed to use balance nutrient management practice

	Yield	(q/ha)	Net Return	
Technology Assessed	2019 2020		(Profit) in Rs. / ha	BC Ratio
11	1	12	13	14
T₁- Farmers practice (80:40:0 kg N, P₂O₅ and K₂O/ha)	-	-	-	-
T_2 -Assessment practice (100:50:100 kg N, P_2O_5 and K_2O /ha + foliar spray of Zn So ₄ 0.5%		-	-	-
at 30 and 45 DAT)	-			

PROBLEM CAUSE DIAGRAM FOR LOW YIELD IN CHILLI



11. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment	Data on the parameter	Results of assessment	Feedback from the farmer
1	2	3	4	5	6	7	8	9	10
Chilli	Irrigated	Shedding of flowers and frurits and no use of growth regulators	Effect of auxin on yield of chilli	5	Foilar spray of NAA@20 ppm at 35 and 50 DAT	Yield, net return and B:C ratio	Yield	-	-

	Yield (q/ha)		Net Return	PC
Technology Assessed	2019	2020	(Profit) in Rs. / ha	Ratio
11	12		13	14
T ₁ . Farmers practice (No use of growth regulator)		-	-	-
T ₂ -Foilar spray of NAA@20 ppm at 35 and 50 DAT		-	-	-

3.2 Front Line Demonstrations

A. Details of FLDs to be organized

S. N.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	Approx. No. of farmers/ demon.	Parameters identified
1	Soybean	RKS-24/JS20-29	ICM	Seed replacement	Seed	Kharif 2019	20	50	Yield q./ha
2	Black Gram	PU-31/Pratap Urd-1	ICM	Seed replacement	Seed	Kharif 2019	20	50	Yield q./ha
3	Maize	Pratap QPMH-1, DKC- 7074 / New notified variety	ICM	Seed replacement	Seed	Kharif 2019	20	50	Yield q./ha
4	Gram	GNG-1581	ICM	Seed replacement	Seed	Rabi 2019-20	20	50	Yield q./ha
5	Rabi Maize	Bio-9782	ICM	Seed replacement	Seed	Rabi 2019-20	10	25	Yield q./ha
6	Wheat	Raj-4079 / Raj-4238	ICM	Seed replacement	Seed	Rabi 2019-20	10	25	Yield q./ha
7	Tomato	Dev / TO-1057	HOV	Seed replacement	Seed	Rabi 2019-20	2	10	Yield q./ha
8	Brinjal	Shamli / Pratap	HOV	Seed replacement	Seed	Rabi 2019-20	2	10	Yield q./ha
9	Onion	AFLR/ Prerna	HOV	Seed replacement	Seed	Rabi 2019-20	2	10	Yield q./ha
10	Okra	Sonal / Shakti/ Marvel	HOV	Seed replacement	Seed	Zaid 2020	2	10	Yield q./ha
11	Long Melon	Chandra	HOV	Seed replacement	Seed	Zaid 2020	2	10	Yield q./ha
12	Chilli	Ujala/ Sitara	HOV	Seed replacement	Seed	Zaid 2020	2	10	Yield q./ha
13	Papaya	Red Lady-786	Cultivation of fruits	HYV	Fruit plant	2019-20	1	10	Yield q./ha
					Total		113	320	

Sponsored Demonstration: To be conducted as per need raised

Сгор	Area (ha)	Approx. No. of farmers

B. Extension and Training activities under FLDs

S. No.	Activity	Approx. No. of activities	Month	Approx. Number of participants
1	Field days	8	October, March	500
2	Farmers Training	4	June, October	200
3	Media coverage	10	-	-

C. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement	Сгор	Season and year	Approx. No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators

(ii) Livestock Enterprises

Enterprise	Breed	Approx. No. of farmers	Approx. No. of animals, poultry birds/ha. etc.	Critical inputs	Performance parameters / indicators
Poultry	Pratapdhan/ Colour Cross Breed	20	400	6 weeks age	Egg production and body weight
Goat	Sirohi	4	4	Breeding buck	Number of progenies
Green Fodder	Berseem / Bajra	10	2 ha	seed	yield / ha

3.3 Training (Including the sponsored and FLD training programmes):

A) ON Campus

	Approx No	Approx	. No. of Participants	
Thematic Area	of Courses	Others	SC/ST	Grand
		Male Female Total	Male Female Total	Total
(A) Farmers & Farm Women				
I Crop Production				

Weed Management						
Resource Conservation Technologies						
Cropping Systems						
Crop Diversification	1		25	5	30	30
Integrated Farming				<u> </u>		
Water management						
Seed production						
Nursery management						
Integrated Crop Management	1		25	5	30	30
Fodder production	1		20	J		
Production of organic inputs						
Broduction of low volume and high value crops						
			05	-		
	I		20	Э	30	30
Inuisery raising						
Export potential vegetables						
Grading and standardization						
Protective cultivation (Green Houses, Shade Net	1		25	5	30	30
b) Fruits						
I raining and Pruning						
Layout and Management of Orchards						
Cultivation of Fruit						
Management of young plants/orchards		ļļ				
Rejuvenation of old orchards						
Export potential fruits	1	ļ	25	5	30	30
Micro irrigation systems of orchards	1		25	5	30	30
Plant propagation techniques						
c) Ornamental Plants						
Nursery Management						
Management of potted plants						
Export potential of ornamental plants						
Propagation techniques of Ornamental Plants						
d) Plantation crops		•				
Production and Management technology						
Processing and value addition						
e) Tuber crops						
Production and Management technology						
Processing and value addition						
f) Spices						
Production and Management technology		•				
Processing and value addition						
a) Medicinal and Aromatic Plants						
Symetric management						
Production and management technology						
Production and management technology						
Post harvest technology and value addition						
III Soli Health and Fertility Management						
Soli and water Conservation						
Integrated Nutrient Management						
Production and use of organic inputs	1		30	-	30	30
Ivianagement of Problematic soils						
Micro nutrient deficiency in crops						
Nutrient Use Efficiency						
Soil and Water Testing						
IV Livestock Production and Management						
Dairy Management						
Poultry Management	2	ļ	50	10	60	60
Piggery Management						
Rabbit Management/goat	1		25	5	30	30
Disease Management	1		25	5	30	30
Feed management						
Production of quality animal products						
V Home Science/Women empowerment						
Household food security by kitchen gardening and	1		I	2 U	3 ∪	20
nutrition gardening	1		-	ວບ	ວບ	30
Design and development of low/minimum cost	1		_	30	২০	20
diet	1	ļ	-	30	30	30
Designing and development for high nutrient						
efficiency diet						
Minimization of nutrient loss in processing						
Gender mainstreaming through SHGs						
Storage loss minimization techniques						
Value addition	1		-	30	30	30
1	s	4i.			i	

income generation activities for empowerment of		T						
rural Women								
Location specific drudgery reduction technologies								
Purel Crofte	1					^ ∩	20	20
	I			.	-	30	30	30
vvomen and child care								
VI Agrii. Engineering								
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								
VII Plant Protection								
Integrated Post Management	1				25	5	20	20
Integrated Disease Management	1	-	-	-	25	J	50	
		-						
Bio-control of pests and diseases		-						
Production of bio control agents and bio								
pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater							•	
prawn								
Breeding and culture of ornamental fishes			-					
Portable plactic carp batchery								
Dop outure of fich and proven								
Pen culture of fish and prawn								
Snrimp tarming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								
Bio posticidos production			•					
Dio-pesticides production								
Bio-reminzer production			•					
Vermi-compost production								
Organic manures production			•					
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets		;		:				
-								
Small tools and implements								
Small tools and implements Production of livestock feed and fodder								
Small tools and implements Production of livestock feed and fodder Production of Fish feed								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Canacity Building and Group Dynamics								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PL Specify)								
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAI	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) PURAL YOUTH	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Muschergen Production	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Production	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming Seed production	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming Seed production Production of organic inputs	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming Seed production Production of organic inputs Integrated Farming (Medicinal)	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming Seed production Production of organic inputs Integrated Farming (Medicinal) Planting material production	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming Seed production Production of organic inputs Integrated Farming (Medicinal) Planting material production Vermi-culture	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming Seed production Production of organic inputs Integrated Farming (Medicinal) Planting material production Vermi-culture Sericulture	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming Seed production Production of organic inputs Integrated Farming (Medicinal) Planting material production Vermi-culture Protected cultivation of vegetable cross	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming Seed production Production of organic inputs Integrated Farming (Medicinal) Planting material production Vermi-culture Sericulture Protected cultivation of vegetable crops Commercial fruit production	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming Seed production Production of organic inputs Integrated Farming (Medicinal) Planting material production Vermi-culture Sericulture Protected cultivation of vegetable crops Commercial fruit production	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming Seed production Production of organic inputs Integrated Farming (Medicinal) Planting material production Vermi-culture Sericulture Protected cultivation of vegetable crops Commercial fruit production Repair and maintenance of farm machinery and	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming Seed production Production of organic inputs Integrated Farming (Medicinal) Planting material production Vermi-culture Sericulture Protected cultivation of vegetable crops Commercial fruit production Repair and maintenance of farm machinery and implements	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming Seed production Production of organic inputs Integrated Farming (Medicinal) Planting material production Vermi-culture Protected cultivation of vegetable crops Commercial fruit production Repair and maintenance of farm machinery and implements Nursery Management of Horticulture crops	16				305	175	480	480
Small tools and implements Production of livestock feed and fodder Production of Fish feed X Capacity Building and Group Dynamics Leadership development Group dynamics Formation and Management of SHGs Mobilization of social capital Entrepreneurial development of farmers/youths WTO and IPR issues XI Agro-forestry Production technologies Nursery management Integrated Farming Systems XII Others (PI. Specify) TOTAL (B) RURAL YOUTH Mushroom Production Bee-keeping Integrated farming Seed production Production of organic inputs Integrated Farming (Medicinal) Planting material production Vermi-culture Sericulture Protected cultivation of vegetable crops Commercial fruit production Repair and maintenance of farm machinery and implements Nursery Management of Horticulture crops Training and pruning of orchards	16				305	175	480	480

Production of guality animal products		T						
Dairying								
Sheep and goat rearing								
Quail farming		·						
Piagerv		[]						
Rabbit farming		1						
Poultry production								
Ornamental fisheries		1						
Para vets								
Para extension workers		1						
Composite fish culture								
Freshwater prawn culture		(
Shrimp farming								
Pearl culture		1						
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching	1	-	5	5	-	15	15	20
Rural Crafts								
TOTAL	1	-	5	5	-	15	15	20
(C) Extension Personnel								
Productivity enhancement in field crops								
Integrated Pest Management								
Integrated Nutrient management								
Rejuvenation of old orchards								
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and								
implements								
implements								
WTO and IPR issues								
WTO and IPR issues Management in farm animals	1	20	5	25	-	-	-	25
WTO and IPR issues Management in farm animals Livestock feed and fodder production	1	20	5	25	-	_	-	25
WTO and IPR issues Management in farm animals Livestock feed and fodder production Household food security	1	20	5	25	-	-	-	25
WTO and IPR issues Management in farm animals Livestock feed and fodder production Household food security Women and Child care	1	20	5	25	-	-	-	25
WTO and IPR issues Management in farm animals Livestock feed and fodder production Household food security Women and Child care Low cost and nutrient efficient diet designing	1	20	5	25	-	-	-	25
WTO and IPR issues Management in farm animals Livestock feed and fodder production Household food security Women and Child care Low cost and nutrient efficient diet designing Production and use of organic inputs	1	20	5	25	-	-	-	25
WTO and IPR issues Management in farm animals Livestock feed and fodder production Household food security Women and Child care Low cost and nutrient efficient diet designing Production and use of organic inputs Gender mainstreaming through SHGs	1	20	5	25	-	-	-	25
WTO and IPR issues Management in farm animals Livestock feed and fodder production Household food security Women and Child care Low cost and nutrient efficient diet designing Production and use of organic inputs Gender mainstreaming through SHGs Any other (PI. Specify)	1	20	5	25	-		-	25
WTO and IPR issues Management in farm animals Livestock feed and fodder production Household food security Women and Child care Low cost and nutrient efficient diet designing Production and use of organic inputs Gender mainstreaming through SHGs Any other (PI. Specify) TOTAL	1	20	5	25	-			25

B) OFF Campus

		Approx. No. of Participants						
Thematic Area	Approx. No. of Courses		Others			Grand Total		
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production	-		-	-				
Weed Management	1				25	15	40	40
Resource Conservation Technologies								
Cropping Systems	1				25	15	40	40
Crop Diversification								
Integrated Farming								
Water management	1				25	15	40	40
Seed production								
Nursery management								
Integrated Crop Management	2				50	30	80	80
Fodder production								
Production of organic inputs								
II Horticulture				_				
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables								
Nursery raising	1				25	15	40	40
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization	1				25	15	40	40
Protective cultivation (Green Houses, Shade Net	1				25	15	40	40
etc.)					25	.0	-10	U
b) Fruits								
Training and Pruning								

Lavout and Management of Orchards								
Cultivation of Fruit								
Management of young plants/orchards	1				25	15	40	40
Pointenettion of old probards	1				25	15	40	40
	I				20	15	40	40
Export potential fruits					~ -	·		
Micro irrigation systems of orchards	1				25	15	40	40
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management	1				25	15	40	40
Management of potted plants								
Export potential of ornamental plants								-
Propagation tochniques of Ornamontal Plants								-
Propagation techniques of Ornamental Flams								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Snices								
Production and Management technology								-
Production and management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management				Ļ				ļ
Production and management technology	1				25	15	40	40
Post harvest technology and value addition							[
III Soil Health and Fertility Management				1				
Soil fertility management				+				-
Soil and Water Conconviction								
Sui anu Waler Cuiservaliun	0			-				00
Integrated Nutrient Management	2			·	50	30	80	80
Production and use of organic inputs	3	30	15	45	60	45	105	150
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing	1	10	5	15	20	15	35	50
IV Livestock Production and Management			v					
Doing Management	0				75	20	105	105
	3				75	30	105	105
Poultry Management	1				20	10	30	30
Piggery Management								
Rabbit Management /goat	2				45	20	65	65
	_							
Disease Management	1				20	15	35	35
Disease Management	1				20 50	15 20	35 70	35 70
Disease Management Feed management Production of quality animal products	1 2 1				20 50 25	15 20 10	35 70 35	35 70 35
Disease Management Feed management Production of quality animal products	1 2 1				20 50 25	15 20 10	35 70 35	35 70 35
Disease Management Feed management Production of quality animal products V Home Science/Women empowerment	1 2 1				20 50 25	15 20 10	35 70 35	35 70 35
Disease Management Feed management Production of quality animal products V Home Science/Women empowerment Household food security by kitchen gardening and putilibre gardening	1 2 1 1				20 50 25 5	15 20 10 25	35 70 35 30	35 70 35 30
Disease Management Feed management Production of quality animal products V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening	1 2 1 1				20 50 25 5	15 20 10 25	35 70 35 30	35 70 35 30
Disease Management Feed management Production of quality animal products V Home Science/Women empowerment Household food security by kitchen gardening and nutrition gardening Design and development of low/minimum cost diet	1 2 1 1				20 50 25 5	15 20 10 25	35 70 35 30	35 70 35 30
Disease Management Feed management Production of quality animal products 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	1 2 1 1				20 50 25 5	15 20 10 25 25	35 70 35 30	35 70 35 30
Disease Management Feed management Production of quality animal products 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	1 2 1 1				20 50 25 5 5	15 20 10 25 25	35 70 35 30 30	35 70 35 30 30
Disease Management Feed management Production of quality animal products 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	1 2 1 1 1 1 1				20 50 25 5 5 5 5 5	15 20 10 25 25 25 25	35 70 35 30 30 30 30	35 70 35 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs	- 1 2 1 1 1 1 1				20 50 25 5 5 5 5	15 20 10 25 25 25 25	35 70 35 30 30 30 30	35 70 35 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques	1 2 1 1 1 1				20 50 25 5 5 5 5	15 20 10 25 25 25 25	35 70 35 30 30 30 30	35 70 35 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition	1 2 1 1 1 1 1				20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25	35 70 35 30 30 30 30	35 70 35 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition	1 2 1 1 1 1 1 1 1				20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25	35 70 35 30 30 30 30 30	35 70 35 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of mural Wompon	1 2 1 1 1 1 1 1 1				20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25	35 70 35 30 30 30 30 30	35 70 35 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women					20 50 25 5 5 5 5	15 20 10 25 25 25 25 25 25	35 70 35 30 30 30 30 30 20	35 70 35 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies	1 2 1 1 1 1 1 1 1 1				20 50 25 5 5 5 5 5 5	15 20 10 25 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30	35 70 35 30 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts	1 2 1 1 1 1 1 1 1				20 50 25 5 5 5 5 5 5 5	15 20 10 25 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30	35 70 35 30 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care	1 2 1 1 1 1 1 1 1				20 50 25 5 5 5 5 5 5	15 20 10 25 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30 30	35 70 35 30 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering	1 2 1 1 1 1 1 1 1				20 50 25 5 5 5 5 5 5	15 20 10 25 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30 30	35 70 35 30 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation	1 2 1 1 1 1 1 1 1				20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30	35 70 35 30 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems	1 2 1 1 1 1 1 1 1				20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30	35 70 35 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Lise of Plastics in farming practices					20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30	35 70 35 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements					20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30	35 70 35 30 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Desci and maintenance of form machinery and					20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30	35 70 35 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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					20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30	35 70 35 30 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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					20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30	35 70 35 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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					20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30	35 70 35 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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					20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30	35 70 35 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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 VII Plant Protection					20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30	35 70 35 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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 VII Plant Protection Integrated Pest Management					20 50 25 5 5 5 5 5	15 20 10 25 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30	35 70 35 30 30 30 30 30
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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 VII Plant Protection Integrated Pest Management Integrated Disease Management					20 50 25 5 5 5 5 5 5 25 25	15 20 10 25 25 25 25 25 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30 	35 70 35 30 30 30 30 30 30 40
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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 VII Plant Protection Integrated Disease Management Bio-control of pests and diseases					20 50 25 5 5 5 5 5 25 25	15 20 10 25 25 25 25 25 25 25 25 25 25 25 15	35 70 35 30 30 30 30 30 30 	35 70 35 30 30 30 30 30 30 40
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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 VII Plant Protection Integrated Pest Management Bio-control of pests and diseases Production of pests and diseases Production of pests and diseases					20 50 25 5 5 5 5 5 25 25	15 20 10 25 25 25 25 25 25 25 25 15 15	35 70 35 30 30 30 30 30 30 	35 70 35 30 30 30 30 30 30 40
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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 VII Plant Protection Integrated Pest Management Bio-control of pests and diseases Production of bio control agents and bio particides					20 50 25 5 5 5 5 5 25 25	15 20 10 25 25 25 25 25 25 25 15	35 70 35 30 30 30 30 30 30 	35 70 35 30 30 30 30 30 30 40
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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 VII Plant Protection Integrated Pest Management Bio-control of pests and diseases Production of bio control agents and bio pesticides					20 50 25 5 5 5 5 5 25 25	15 20 10 25 25 25 25 25 25 25 15 15	35 70 35 30 30 30 30 30 30 30 30 40	35 70 35 30 30 30 30 30 30 40
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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 VII Plant Protection Integrated Pest Management Bio-control of pests and diseases Production of bio control agents and bio pesticides VIII Fisheries					20 50 25 5 5 5 5 5 25 25	15 20 10 25 25 25 25 25 25 25 25 25 15	35 70 35 30 30 30 30 30 30 30 40	35 70 35 30 30 30 30 30 30 40
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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 VII Plant Protection Integrated Disease Management Bio-control of pests and diseases Production of bio control agents and bio pesticides VIII Fisheries Integrated fish farming					20 50 25 5 5 5 5 5 25 25	15 20 10 25 25 25 25 25 25 25 25 25 25 25 25 25	35 70 35 30 30 30 30 30 30 40	35 70 35 30 30 30 30 30 30 40
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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 VII Plant Protection Integrated Disease Management Bio-control of pests and diseases Production of bio control agents and bio pesticides VIII Fisheries Integrated fish farming Carp breeding and hatchery management					20 50 25 5 5 5 5 5 25 25	15 20 10 25 25 25 25 25 25 25 15 15	35 70 35 30 30 30 30 30 30 	35 70 35 30 30 30 30 30 30 40
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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 VII Plant Protection Integrated Pest Management Integrated Disease Management Bio-control of posts and diseases Production of bio control agents and bio pesticides VIII Fisheries Integrated fish farming Carp breeding and hatchery management Carp fry and fingerling rearing					20 50 25 5 5 5 5 5 25 25	15 20 10 25 25 25 25 25 25 25 15 15	35 70 35 30 30 30 30 30 30 	35 70 35 30 30 30 30 30 30 30 30 30 30 30 40
Disease Management Feed management Production of quality animal products 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 Gender mainstreaming through SHGs Storage loss minimization techniques Value addition Income generation activities for empowerment of rural Women Location specific drudgery reduction technologies Rural Crafts Women and child care VI Agril. Engineering 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 VII Plant Protection Integrated Pest Management Bio-control of pests and diseases Production of bio control agents and bio pesticides VIII Fisheries Integrated fish farming Carp breeding and hatchery management Carp fry and fingerling rearing Composite fish culture					20 50 25 5 5 5 5 5 25 25	15 20 10 25 25 25 25 25 25 25 15 15	35 70 35 30 30 30 30 30 30 30 40	35 70 35 30 30 30 30 30 30 40

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								
IX Production of Inputs at site								
Seed Production								
Planting material production (Horti.)								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production (Horti.)								
Organic manures production (A.S.)								
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								
X Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SHGs(HS)								
Mobilization of social capital								
Entrepreneurial development of farmers/youths								
(Agro.)								
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems (Agro)								
XII Others (PI. Specify)								
TOTAL	35	40	20	60	740	530	1270	1330

C) Consolidated table (ON and OFF Campus)

		Approx. No. of Participants					5	
Thematic Area	No. of Courses		Others			SC/ST		Crond Total
		Male	Female	Total	Male	Female	Total	Grand Total
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	1				25	15	40	40
Resource Conservation Technologies								
Cropping Systems	1				25	15	40	40
Crop Diversification	1				25	5	30	30
Integrated Farming								
Water management	1				25	15	40	40
Seed production								
Nursery management								
Integrated Crop Management	3				75	35	110	110
Fodder production								
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables	1				25	5	30	30
Nursery raising	1				25	15	40	40
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization	1				25	15	40	40
Protective cultivation (Green Houses, Shade Net etc.)	2				50	20	70	70
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit								
Management of young plants/orchards	1				25	15	40	40
Rejuvenation of old orchards	1				25	15	40	40
Export potential fruits	1				25	5	30	30
Micro irrigation systems of orchards	2				50	20	70	70
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management	1				25	15	40	40
Management of potted plants								

Export potential of ornamental plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
Production and Management technology								
Processing and value addition								
f) Spices Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management					~	45		10
Production and management technology Post harvest technology and value addition	1				25	15	40	40
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation	2				50	20	00	00
Production and use of organic inputs	4	30	15	45	90	45	135	180
Management of Problematic soils						-		
Micro nutrient deficiency in crops								
Nutrient Use Efficiency Soil and Water Testing	1	10	5	15	20	15	35	50
IV Livestock Production and Management	1	10	<u> </u>	15	20	10		
Dairy Management	3				75	3	105	105
Poultry Management	3				70	20	90	90
Piggery Management Rabbit Management/goat	3				70	25	95	95
Disease Management	2				45	20	65	65
Feed management	2				50	20	70	70
Production of quality animal products	1				25	10	35	35
Household food security by kitchen gardening and	~				-		~~~	~~~
nutrition gardening	2				5	55	60	60
Design and development of low/minimum cost diet	1				-	30	30	30
diet	1				5	25	30	30
Minimization of nutrient loss in processing	1				5	25	30	30
Gender mainstreaming through SHGs								
Value addition	2				5	55	60	60
Income generation activities for empowerment of rural								
Women						05		
Rural Crafts	1				-	25 30	30	30
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Production of small tools and implements								
Repair and maintenance of farm machinery and								
Implements Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection						_		
Integrated Pest Management	1				25 25	5	30	30
Bio-control of pests and diseases	1					15	40	40
Production of bio control agents and bio pesticides								
VIII Fisheries								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
natchery management and culture of freshwater prawn Breeding and culture of ornamental fishes				-			-	
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Snrimp tarming Edible ovster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Planting material production								
	4	i						

Pio agonte production				T			[]	
Bio-pesticides production								
Bio-fertilizer production								
Vormi compost production								
Organic manures production								
Production of fry and fingerlings								
Production of Ree-colonies and way sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SUICa								
Formation and Management of SHGS								
Mobilization of social capital								
Entrepreneurial development of farmers/vouths								
XI Agro-forestry								
Production technologies								
Nuraariy managamant				+				
Integrated Farming Systems								
Sponsored training	30	20	10	30	700	180	880	910
ΤΟΤΑΙ			-					
					ļ			
(B) KUKAL YUUIH								
Mushroom Production								
Bee-keeping				1			t	
Integrated forming				+				
							ļ	
Seed production								
Production of organic inputs				Ι			ſ	
Integrated Forming								
Planting material production								
Vermi-culture								
Corioulturo								
Senculture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Panair and maintananas of form machinery and								
Repair and maintenance of farm machinery and								
implements								
Nurserv Management of Horticulture crops								
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Sheep and goat rearing								
Piagery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Dara vote				+				
Para extension workers								
Freshwater prawn culture								
Shrimn farming				1				
							ļ	
Cold water fisheries								
Fish harvest and processing technology							[
Env and fingerling rearing								
Small scale processing								
Post Harvest Technology				ľ				
Tailoring and Stitching	4		F	F		15	15	20
	I	-	С	D	-	сı	GI	20
Rural Crafts								
TOTAL	1	-	5	5	-	15	15	20
(C) Extension Personnel	•		-			. •		_•
U) Extension Personnel								
Productivity enhancement in field crops								
Integrated Pest Management							[
Integrated Post Management								
Rejuvenation of old orchards								
Protected cultivation technology				1			r i i i i i i i i i i i i i i i i i i i	
Formation and Management of 010-				ł				
Formation and Management of SHGS				ļ	ļ		ļ	
Group Dynamics and farmers organization								
Information networking among farmers				1			11	
				+				
Capacity building for ICT application							ļ	
Care and maintenance of farm machinery and implements	1	10	-	10	15	-	15	25
WTO and IPR issues				· · · ·				
	4	~~~	-					05
ivianagement in tarm animals	1	20	5	25	-	-	-	25
Livestock feed and fodder production								
Household food security				1			[
				+				
Wyomen and Child care	1	1		1			. 1	

Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (PI. Specify)								
Total	2	30	5	35	15	-	15	50
G. TOTAL	83	80	35	115	1745	900	2645	2760

Details of training programmes attached in Annexure -I

3.4. Extension Activities (including activities of FLD programmes)

Nature of Extension	Approx. No.	Appro	ox. No. of Fa	rmers	Approx. No. of Extension Officials				Total	
Activity	or activities	Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	8	400	100	500	20	-	20	420	100	520
KisanMela	1	2000	400	2400	50	10	60	2050	410	2460
Kisan Ghosthi	4	400	200	600	30	15	45	430	215	465
Exhibition	4	2000	400	2400	50	10	60	2050	410	2460
Film Show	20	700	200	900	15	5	20	715	205	920
Group meetings	10	300	200	500	20	20	40	320	220	540
Lectures delivered as	20	300	200	500	20	20	40	320	220	540
resource persons										
Newspaper coverage	50									
Radio talks	6									
TV talks	6					Mass				
Popular articles	4									
Extension Literature	4									
Advisory Services										
Scientific visit to farmers	20	100	50	150	15	5	20	115	55	170
Farmers visit to KVK		1200	250	1450	40	10	50	1240	260	1500
Diagnostic visits	4	20	-	20	10	2	12	30	200	32
Exposure visits	2	100	-	100	-	-	-	100	-	100
Ex-trainees Sammelan	2	40	20	60	-	-	-	40	20	60
Soil health Camp	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	2	30	30	60	4	_	4	34	30	64
Agri mobile clinic	-	-	-	-	-	_	-	-	-	-
Soil test campaigns	2	75	50	125	5	_	5	85	50	135
Farm Science Club	-	-	-	-	-	_	-	-	-	-
Conveners meet										
Self Help Group	3	-	43	43	1	1	2	1	45	46
Conveners meetings										
Mahila Mandals	-	-	-	-	-	-	-	-	-	-
Conveners meetings										
Celebration of important	-	-	-	-	-	-	-	-	-	-
days (specify)										
Krishi Mohostva	-	-	-	-	-	-	-	-	-	-
Krishi Rath	-	-	-	-	-	-	-	-	-	-
Pre Kharif workshop	2	50	50	100	10	-	10	60	50	110
Pre Rabi workshop	2	50	50	100	10	-	10	60	50	110
Total	196	7765	2243	10008	300	98	398	8070	2342	10412

3.5 Target for Production and supply of Technological products SEED MATERIALS

SI. No.	Сгор	Variety	Approx. Quantity (qtl.)
CEREALS	Wheat (FS / CS) Certified	Raj-4238	15
OILSEEDS	Sovbean (BS / FS)	RKS-24	12
		JS-20-29	40
PULSES	Gram (BS / FS)	GNG-1958	22
FRUITS	Mango	Mallika, Dashehari, Langra, Amrapali, etc.	50
	Guava	L-49	100

PLANTING MATERIALS

SI. No.	Сгор	Variety	Approx. Quantity (Nos.)
	Mango (Grafted)	Mallika, Dashehari, Langra, Amrapali, Kesar etc.	12000
	Guava (Budded, Air layering)	L-49, Allahabad Safeda	8000
FRUITS	Lemon (Air layering)	Kagzi	5000
	Sapota (Grafted)	Kali Patti	500
	Papaya (Seeded)	Red Lady-786	10000

	Pomegranate (Cutting)	Mradula	1000
Seedlings	Vegetable (Seedlings)	Tomato, Brinjal, Onion, Chilli	23000
		Total	50.500

Bio-products

SI. No.	Product Name	Species	Appr	rox. Quantity
			No	(kg)
BIO PESTICIDES				
1	Vermicompost	Organic manures	-	4000
2	worms	lsenia foetida	-	50

LIVESTOCK

SI. No.	Туре	Breed	Ap	prox. Quantity
			(Nos)	Unit
POULTRY	Chicks	Pratapdhan/Colour Cross Breed / Kadaknath	10,000	500

2.7. Literature to be Developed/Published (A) KVK News Letter

KVK News Letter Date of start

Number of copies to be published :

(B) Literature developed/published

S.No.	Торіс	Approx. Number
1	Research paper each scientist	2
2	Technical reports	12
3	Training manual all discipline	2
4	Popular article	4
5	Extension literature	4
	Total	24

(C) Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1	1 DVDs	On Entrepreneurship Development	1

3.7. Success stories/Case studies identified for development as a case.

3 success stories will be prepared during the year 2019-20

3.8 Indicate the specific training need analysis tools/methodology followed for

Practicing Farmers

- a) Selection of farmers based on need.
- b) Use of ICT.
- c) More emphasis on practical aspects of the subject.
- a) Selection of youth based on need.
- b) More emphasis given on the finer of the skill.
- c) Employment generation for youth at village level.
- d) Federating the youth for marketing their products in better way.

In-service personnel

- a) Imparting latest technical know how.
- b) Use of ICT.
- c) More emphasis on practical aspects of the subject.

3.9 Indicate the methodology for identifying OFTs/FLDs For OFT :

- i)
 - ii) Problem identified from Matrix
 - iii) Field level observations

PRA

iv) Farmer group discussions

For FLD :

- Others if any
- i) New variety/technology
- ii) Poor yield at farmers level
- iii) Existing cropping system
- iv) Others if any

3.10 Field activities

- i. Name of villages identified/adopted with block name (from which year) -
- ii. No. of farm families selected per village :
- iii. No. of survey/PRA conducted :

V)

- iv. No. of technologies taken to the adopted villages
- v. Name of the technologies found suitable by the farmers of the adopted villages:
- vi. Impact (production, income, employment, area/technological-horizontal/vertical)
- vii. Constraints if any in the continued application of these improved technologies

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab:

1. Year of establishment : 2007

2. List of equipments purchase with amount

SI. No.	Name of the equipment	Quantity	Cost (Rs)
1	pH Meter	1	7500
2	EC Meter	1	7500
3	Flame Photometer	1	45000
4	Spectro Photometer	1	50000
5	Mrada Parikshak	1	75000

3. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	-	-	-	-
Water	-	-	-	-
Plant	-	-	-	-
Total	-	-	-	-

4.0 LINKAGES

4.1 Functional linkage with different organizations

S.No.	Name of Organization	Nature of linkages
I. Line o	departments of Govt. of Rajasthan	
1	Department of Agriculture	Planning annual training schedule, demonstrations and extension activities
2	Department of Horticulture	Planning annual training schedule, demonstrations and extension activities
3	Department of Animal Husbandry	Training programme and animal treatment camp
4	District Women and Development Agency	Training and other programme for women and child
5	Department of Watershed and Soil Conservation	Collaborative training programme, field visit, guest speakers
6	Department of Forest	Environmental programme and supply of plants
7	District Rural Development Agency	Funds for development work
8	Lead Bank	Loan to farmer's, guest lecture on finance management
9	NABARD	Loan to farmer's, guest lecture on finance facilities
10	Nehru Yuva Kendra	Training programme for their volunteers and extension workers
11	IFFCO and KRIBHCO	Collaborative training programme and inter change of subject matter specialists
12	Rajasthan State Seed Corporation	Supply of seed and seed production programme
13	Rural Institution- Gram Panchayats, Cooperatives, Schools	Training programme and demonstrations

14	Department of Fisheries	Training programme and demonstrations
15	ACCESS Development Servises	For farmers fedration and producer company formation
II. ICAF	RInstitutes	
1	Central Institute of Fisheries Education, Mumbai	Partner in NAIP, expansion of fisheries activities in the district
2	Indian Institute of Agricultural Research, New Delhi	Seed production programme
3	CAZRI, Jodhpur	Demonstrations of green fodder and fruits plants
4	CSWRI, Avikanagar (Tonk)	Technology for improvement of animal breed
5	IGFRI, Jhansi	Demonstrations on green fodder
6	NRC on Seed Spices, Tabiji (Ajmer)	Training programme & demonstrations
7	DMR, Sewar, Bharatpur	Training programme & demonstrations
8	CIRCOT,Sirsa	Training programme & demonstrations
9	CISH, Lucknow	Training programme & demonstrations
III. SAL	Js	
1	SKRAU, Bikaner, AAU Anand, VRSAU, Gwaliar, SKNAU, Fatehpur Shekhawati	Soil test based fertilizer recommendation demonstrations farmers training and extension activities
IV. NG	Os	
1	BAIF RIDMA	For resource person for training
2	Gramin Vikas Trust	For resource person for training and planting material supply
3	Sadgru Foundation	For resource person for training and supply of planting material
4	World Vision	For resource person for training & supply of fish seed
5	Sampuran Gram Vikas Samiti	For resource person for training
6	Gramin Vikas Pragati Sansthan	For resource person for training
7	Reliance Foundation	For resource person for training and planting material supply
8	Maryada Seva Sansthan	For resource person for training
9	Gayatri Seva Sansthan	For resource person for training

4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district

Yes/No: YES

-	S. No.	Programme	Nature of linkage
ſ	1	Training of progressive farmers	Resource person
ſ	2	Farm school	Resource person
	3	Innovation activity etc	Input supplier

4.3 Give details of programmes under National Horticultural Mission

S. No.	Programme	Nature of linkage

4.4 Nature of linkage with National Fisheries Development Board

-		
S. No.	Programme	Nature of linkage
•		

5.0 Utilization of hostel facilities

S. No.	Programme	Approx. No. of days
1	On campus Trainings of KVK, Sponsored Trainings of ATMA / NGOs and exposure visits etc	110-120 days

6.0 Convergence with departments :

Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
ATMA	State		Training	Banswara district	-

RKVY	Central	2.50 lakh	FLD	Adopted villages	-
NAIP	Central	57.60 lakh	Demonstration, trainings and subsidized	NAIP adopted	-
			high value input distribution	villages	
TAD (Deptt. of Animal	State		Demonstration	Adopted villages	-
Husbandry, Banswara)			(Backyard poultry)		

7.0 Feedback of the farmers about the technologies demonstrated and assessed :

Farmers Appreciated the results of demonstrated technologies.

8.0 Feedback from the KVK Scientists (Subject wise) to the research institutions/universities :

Crop diversification - emerging crop with problems arising : (i) During kharif Soybean area is increasing and it need

short duration and high yielding varieties. (ii) During rabi maize area is increasing

- Nutritional deficiency : Zinc deficiency in *rabi* maize and wheat.
- Insect pest and diseases : (i) Management technologies for post flowering stalk rot in maize. (ii) Disease management in poly house (for tomato, chilli, cucumber etc). (iii) Evaluation or assessment of resistant varieties against yellow mosaic in greengram and blackgram. (iv) Disease forewarning modules against blast and bacterial leaf blight. (v) Management technique against para-wilt of cotton.
- Water management : (i) Farmers followed flood system of irrigation and excess use of water.
 (ii) Water logging problem from canal around in 5000 ha area.
- Physiological disorder : Mango malformation.
- Spurious material : Lake of good Government sector hybrid maize & vegetable varieties.
- Any other if any : Need of heat tolerance varieties of wheat.

In livestock -

(i) Disease: H.S., FMD, Parasitic Infection.

(ii) Infertility problem in large animal.

(iii) Lack of availability of improved breeds.

Annexure - I

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration in days	Appr p	ox. Num articipar	nber of nts	Appro	G. Total		
			_	М	F	Т	М	F	Т	
Crop Product	ion									
24-27.06.19	PF/FW	Integrated pest management in Blackgram, Soybean and Maize		-	-	-	25	5	30	30
18-21.09.19		Crop diversification for sustainable crop production		-	-	-	25	5	30	30
Horticulture										
01-04.07.19	PF/FW	Production technology to increase mango production	4	-	-	-	25	5	30	30
03-06.09.19		Raised bed production technology of Vegetables		-	-	-	25	5	30	30
14-17.10.19		Protected cultivation of vegetables		-	-	-	25	5	30	30
18-21.02.20	***	Microirrigation and fertigation in horticultural crops		-	-	-	25	5	30	30
Livestock pro	od.			••••••••				•••••••••••••••••••••••••••••••••••••••	••••••••	
8-11.4.19	PF/FW	Back yard poultry production for marginal and land less farmers	4	-	-	-	25	5	30	30
5-8.08.19		Scientific Goat farming for traible farmers	4	-	-	-	25	5	30	30
21-24.10.19	-	Feeding management dairy animals	4	-	-	-	20	5	25	25
16-19.12.19		Commercial poultry production	4	-	-	-	25	5	30	30
Agril. Engg.	•••	· •	•	•••••••		*		•	•••••••	
Home Sc.										
23-26.4.19	FW	Rural crafts – Bamboo products	4	-	-	-	-	30	30	30
23-26.7.19		House hold food security by nutrition gardening		-	-	-	-	30	30	30
5-8.11.19		Location Specific Drudgery reduction technologies		-	-	-	-	30	30	30
Plan prot.					. <u>.</u>					
Fisheries										
Soil Health										
10-13.6.19	PF/FW	Production technologies for quality organic manures	4	-	-	-	30	-	30	30

i) Farmers & Farm women (Off Campus)

· · · · ·		*****				· · · · · · · · · · · · · · · · · · ·		1
	Data	Cliontolo	Title of the training programme	Duration	Approx No. of	Approx Number	6	£.
	Dale	Clientele		Duration	Approx. No. 01	Approx. Number	.	ŧ.
•····							••••••	•

			in davs	na	rticipa	nts	0	f SC/ST	•	Total
			in aayo	м	F	Т	M	F	Т	. otai
Crop Produc	tion							•	•	
15.05.19	PF/FW	Selection of improved varieties of major Kharif crops	1	-	-	-	25	15	40	40
10.06.19		Use and benefits of drip method of irrigation in cotton		-	-	-	25	15	40	40
08.07.19		Transplanting of seedling of paddy in SRI		-	-	-	25	15	40	40
09.07.19		Weed management in standing crop of		-	-	-	25	15	40	40
	Soybean through herbicide application									
08.08.19		Good Agriculture Practices in Oilseeds		-	-	-	25	15	40	40
07.09.19		Production technology of sweet corn		-	-	-	25	15	40	40
02.11.19		Irrigation management in wheat through critical stages		-	-	-	25	15	40	40
15.02.20		Integrated pest management in summer green gram		-	-	-	25	15	40	40
Horticulture										
08.04.19	PF/FW	Micro irrigation in horticultural crops	1	-	-	-	25	15	40	40
18.05.19		Safe handling and ripening of mango		-	-	-	25	15	40	40
09.07.19		Importance of Micro nutrients in fruit crops		-	-	-	25	15	40	40
14.08.19		Rejuvenation of old and senile orchards		-	-	-	25	15	40	40
17.09.19		Raised bed production technology of vegetables		-	-	-	25	15	40	40
18.10.19		Regulation of bearing in Mango		-	-	-	25	15	40	40
04.11.19		Cultivation of vegetables under low tunnels	4	-	-	-	25	15	40	40
02.12.19		Mulching in vegetables		-	-	-	25	15	40	40
06.01.20		Management of nematodes in protected cultivation		-	-	-	25	15	40	40
22.02.20		Canopy management in fruit crops		-	-	-	25	15	40	40
Live Stock P	roduction.		A			A				
16.4.19	PF/FW	Management of breeding bucks		- 1	-	-	25	10	35	35
25.4.19		Breeding management in goat		-	-	-	20	10	30	30
6.5.19		Feeding management of dairy animals		-	-	-	25	10	35	35
24.5.19		Management of pregnant aninmals		-	-	-	20	10	30	30
11.6.19		Management of backyard poultry		-	-	-	20	10	30	30
8.7.19		Vaccination programme for rairing animals		-	-	-	20	15	35	35
9.9.19		Cultication Azolla for greed fodder		-	-	-	20	10	30	30
15.10.19		Care & management of newly born calfs		-	-	-	20	10	30	30
13.11.19		Importance of artificial insemination		-	-	-	25	10	35	35
14.12.19		Importance of mineral mixture feeding in dairy animals.		-	-	-	30	10	40	40
Agril. Engg.										
Home Sc.				11		7		~-		
9.4.19	PF/FW	Safe grain storage	1	-	-	-	5	25	30	30
4.6.19		Layout- of kitchen garden	1	-	-	-	5	25	30	30
18.7.19		Importance of Soybean in daily diet	1	-	-	-	5	25	30	30
19.12.19		Soydean processing	1		-	-	5	25	30	30
Fight Protect	lion									
risneries Soil health										
15 4 19	PE/F\//	Method of soil sampling	1	10	5	15	20	15	25	50
10. 1 .19 09 7 19	1 1 /1 VV	Organic farming	1	10	5	15	25	10	35	50
11 10 10		Importance and use of hig fertilizers	1	10	5	15	25	10	35	50
20 1 20		Vermicomposting	1	10	5	15	25	10	35	50
	i	i			~	i ''	. - - i			~~

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Month	Duration (days)	Approx. No. of Participants			Approx. SC/ST participants			G.Total
					М	F	Т	М	F	Т	
Home Science	Women empowerment	Tailor Ladies	1	30	-	5	5	-	15	15	20

iii) Training programme for extension functionaries

Date	Clientele	Duration in days	App pai	rox. I ticip	No. of ants	A Nu	ppro mbe SC/S	G. Total			
On Campus				М	F	Т	Μ	F	Т		
11-12.6.19	ICDS Workers	Value Addition	2	-	10	10	-	15	15	25	
3-4.12.19	Agri. Supervisors	Care and maintenance of farm machinary	2	10	-	10	15	-	15	25	-

			 	 	 	۰.
			 			•
			 			٠

iv) Sponsored programme

Discipline	Sponsori ng	Clientele	Title of the training programme	No. of course	Appr part	ox. No icipar	ox. No. of Approx. Number cipants of SC/ST		imber T	G. Total	
	agency				М	F	Т	М	F	Т	
a) Sponsor	ed training	g progdramme									
Multi disciplinery	ATMA	Progressive farmers & field staff	Integrated Farming System	15	50	10	60	290	100	390	450
Multi disciplinery	NGO	Progressive farmers & field staff	Integrated Farming System	5	20	10	30	90	30	120	150
			Total	20	70	20	90	380	130	510	600

*Number of trainings/activities may be increased or decreased according to availability of fund.

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