

# KRISHI VIYGAN KENDRA (PIPALIA)-RAJKOT-II

## DETAILS OF ACTION PLAN OF KVKs DURING 2020

(1<sup>st</sup> January 2020 to 31<sup>st</sup> December 2020)

### 1. GENERAL INFORMATION ABOUT THE KVK

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

Address with PIN code	Telephone		E mail	Website address & No. of visitors (hits)
Krishi Vigyan Kendra, Junagadh Agricultural University, TCD farm, Pipalia-360410 Ta: Dhoraji, Dist: Rajkot (Gujarat)	Office	FAX	kvkpipalia@jau.in	www.jau.in
	02824-292584	---		

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

Address	Telephone		E mail	Website address
	Office	FAX		
Junagadh Agricultural University, Junagadh	0285-2672653	0285-2672653	dee@jau.in	www.jau.in

#### 1.3. Name of the Senior Scientist and Head with phone & mobile no.

Name	Telephone / Contact		
	Office	Mobile	Email
Dr.N.B.Jadav	02824-292584	9924012649	dr_nbjadav@jau.in

#### 1.4. Year of sanction: March, 2012

#### 1.5. Staff Position (as on December 31, 2019)

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	If Permanent, Please indicate		Date of joining	If Temporary, pl. indicate the consolidated amount paid (Rs./month)
				Current Pay Band	Current Grade Pay		
1.	Senior Scientist and Head	Dr. N. B. Jadav	Extension Education	37400-67000	9000	18.08.06	-
2.	Subject Matter Specialist	S. V.Undhad	Plant Protection	15600-39100	6000	27.03.15	-
3.	Subject Matter Specialist	Dr. V. S. Prajapati	LPM	15600-39100	6000	01.04.15	-
4.	Subject Matter Specialist	A.R Parmar	Horticulture	15600-39100	6000	17.01.17	-
5.	Subject Matter Specialist	P.S Sharma	Home Sci.	15600-39100	6000	19.01.17	-
6.	Subject Matter Specialist	Vacant	Agronomy	-	-	-	-
7.	Subject Matter Specialist	Vacant	Extension	-	-	-	-
8.	Programme Assistant	P D Chaudhary	M.Sc.(Agri)	9300-34800 (38090/- fix)		04.08.18	-
9.	Computer Programmer	R. G. Panseriya	Com. Operator	9300-34800	4400	31.12.13	-
10.	Farm Manager	K D Chaudhari	B.Sc.(Agri)	9300-34800 (38090/-fix)		27.07.18	-
11.	Accountant/Superintendent	K. G.Dhaduk	Accounting & Admins.	9300-34800	4400	12.06.13	-

12.	Stenographer	K. R. Yadav	Steno.Grade III	5200-20200	2400	06.02.14	-
13.	Driver 1	Vacant	-	-		-	-
14.	Driver 2	Vacant	-	-		-	-
15.	Supporting staff 1	Vacant	-	-		-	-
16.	Supporting staff 2	Vacant	-	-		-	-

#### 1.6. Total land with KVK (in ha):

S. No.	Item	Area (ha)
1	Under Buildings	-
2.	Under Demonstration Units	-
3.	Under Crops	16.00
4.	Horticulture	-
5.	Pond	-
6.	Others if any	4.00
	Total	20.00

#### 1.7. Infrastructural Development:

##### A. Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	-	550	-	-	-	-
2.	Farmers Hostel	-	-	-	-	-	-	-
3.	Staff Quarters (6)	-	-	-	-	-	-	-
4.	Demonstration Units (2)	-	-	-	-	-	-	-
5.	Fencing	-	-	-	-	-	-	-
6.	Rain Water harvesting system	-	-	-	-	-	-	-
7.	Threshing floor	-	-	-	-	-	-	-
8.	Farm godown	-	-	-	-	-	-	-
9.	ICT lab	-	-	-	-	-	-	-

##### B. Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep (Bolero)	2013	661107	69975	Working
Mahindra Tractor	2013	565000	-	Working
Mahindra Tractor mini	2016	248000	-	Working

##### C. Equipments & AV aids

Name of the equipment / Implements	Year of purchase	Cost (Rs.)	Present status
Cultivator (9 tine)	2013	19000	Working
Blade Harrow	2013	11500	Working
Automatic seed drill	2016-17	37619	Working

Mini tractor drawn spray pump	2016-17	69500	Working
Rotavator	2016-17	91245	Working
Reversible MB Plough	2016-17	37500	Working
Pusa STFR meter kit (WST-312P)	2016-17	80600	Working
Mrida parikshak soil testing mini lab	2016-17	90300	Working

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

Sl.No.	Date
1. Scientific Advisory Committee	29.02.2020

## 2. DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
1	Groundnut-Wheat / Coriander, Cumin, Garlic, Cotton-Summer Groundnut /Pulse crop/Sesame
2	Live stock
3	Farm waste management specially cotton stalk
4	Fruit and vegetable preservation
5	Value addition in Groundnut and wheat

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

#### a. Soil type

Sl. No.	Agro-climatic Zone	Characteristics
1	Zone- VI (North Saurashtra Agro Climatic Zone)	The influence area of North Saurashtra Agro climatic Zone is spread among five districts (35.2 Lakh Ha). Out of total area 73.40 per cent area falls under arid and semi-arid region. The soils of this zone are shallow to moderately deep. The soils of Rajkot districts medium black and low in their availability of nitrogen while medium phosphorus and high in available potash. Monsoon commences usually by the end of June and withdraws by middle of September. Average annual rainfall of districts is 1141.2 mm.
2	Zone-VII (South Saurashtra Agro Climatic Zone)	The influence area of South Saurashtra Agro climatic Zone is spread among four districts. (Part of Rajkot, Bhavnagar, Amreli and whole district of Junagadh). Type of soil is shallow medium black calcareous soils. Soil are medium to high in nitrogen content, phosphorus low and potash high. Average annual rainfall of the zone is 625-750 mm.

#### b. Topography

S. No.	Agro ecological situation	Characteristics
1	Situation No. 2	Medium Black Soil with 500-600 mm Rainfall (Gondal, Jam kandorna)
2	Situation No.4	Shallow Black Soil with 500-600 mm Rainfall (Lodhika, Kotada sangani)
3	-	Shallow medium black soil with 620-750 mm Rainfall (Jetpur, Dhoraji, Upleta,)

### 2.3. Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Clay to clay loam	Medium black calcareous soil	-
2	Sandy clay loam to clayey	Well drained soil with rapid permeability	-
3	Sandy to sandy 10 cm calcareous	Well drained soils	-

## 2.4. Area, Production and Productivity of major crops cultivated in the district (2017-18)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)
1	Groundnut (Kharif+ summer)	263915	925525	29.25
2	Sesamum	2613	2494	10.49
3	Castor	8546	25348	29.66
4	Cotton	238643	664512	27.85
5	Wheat	60015	258337	43.05
6	Green gram	178	252	14.16
7	Coriander	4143	6149	14.84
8	Cumin	21962	19508	8.88
9	Garlic	2936	25872	88.12
10	Onion	3722	110502	300.90
11	Chickpea	16660	34865	20.93

Source: District agriculture department.

## 2.5. Weather data (2019-20)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
April	-	-	-	-	-
May	-	-	-	-	-
June	84	-	-	-	-
July	197.5	-	-	-	-
August	267	-	-	-	-
September	593	-	-	-	-
October	13	-	-	-	-
November	51	-	-	-	-
December	-	-	-	-	-
<b>Total</b>	<b>1205.5</b>	-	-	-	-

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

Category	Population	Production	Productivity
<b>Cattle</b>			
<i>Cow</i>	515003	1150 lit /lactation	4.60 lit / day
<b>Buffalo</b>	430795	1390	5.26 lit/day
<b>Sheep</b>	192994	-	-
<b>Goats</b>	171515	-	-
<b>Pigs</b>			
<i>Crossbred</i>			
<i>Indigenous</i>			
<b>Rabbits</b>	212	-	-
<b>Poultry</b>			
<i>Hens</i>		100 eggs /year	
<i>Desi</i>	9988	140 eggs /year	
<i>Improved</i>	13527		
<b>Category</b>		<b>Production (Q.)</b>	<b>Productivity</b>
Fish (Reservoir)			

## 2.7. Details of Operational area / Villages

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
Dhoraji	Dhoraji (Cluster)	Nani Parabadi	Groundnut, Cotton, Sesamum, Wheat, Cumin, Chickpea, Garlic and onion. Enterprise are dairy business, vermi composting	<ul style="list-style-type: none"> <li>- Heavy infestation of pink bollworm in cotton</li> <li>- Sucking pest in all crops</li> <li>- Stem rot disease in groundnut</li> <li>- Sesamum wilt</li> <li>- Less area under horticultural crops</li> <li>- Infertility in livestock</li> </ul>	<ul style="list-style-type: none"> <li>- IPM, IDM and INM in major crops</li> <li>- Motivate the farmers for horticulture crop</li> <li>- To create awareness for value addition</li> <li>- Popularization of MIS</li> <li>- Create awareness of artificial insemination</li> </ul>
		Patanvav			
Jetpur	Jetpur	Amrapur			
		Mandlikpur			
Jamkad orana	Jamkad orana	Jasapar			
		Nani Dhudhivadar			
		Sanala			
Upleta	Upleta	Nagvadar			
		Talangana			
Gondal	Gondal	Daliya			
		Shemla			
		Bhojpara			

## 2.8. Priority thrust areas:

Sl.	Crop/ Enterprise	Thrust area
1.	Groundnut	Increase productivity of crops by adopting recommended practices in IPM & IDM (Management of white grub and stem rot)
2.	Cotton	-Integrated pest management (management of pink bollworm in Bt. cotton) & INM in cotton -Recycling of cotton stalk (Popularizing of cotton shredder)
3.	Coriander, Sesame, etc.	Increasing the productivity of crops by adopting recommended technologies, newly release variety and to create awareness of value addition
4.	Cumin	Integrated disease management (Alternaria blight and wilt)
5.	Farm waste	Recycling of farm waste through composting, vermi compost, green manuring, etc.
6.	Micro irrigation	Efficient use of water by micro irrigation system, water harvesting structure, and water conservation techniques
7.	Farm Women	Farm women empowerment by training in value addition, handi crafts, and small scale enterprises
8.	Horticulture	(Papaya, Pomegranate, Chilly etc.) Post harvest technology and value addition in fruit and vegetable, INM, canopy management in orchard
9.	Animal Husbandry	Increasing the productivity of livestock animals by adopting scientific practices and to create awareness about clean milk production

## 3. TECHNICAL PROGRAMME

### 3.1. A. Details of targeted mandatory activities by KVK

OFT		FLD	
(1)		(2)	
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers
5	12 (20 Animal)	69.5	220 (50 animal)

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
45	1275	2823	8567

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (No's)	Soil Samples
(5)	(6)	(7)	(8)
260	1000	-	-

### 3.1. B. Operational areas details proposed during 2020

S. No.	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise	Extent of area (Ha/No.) affected by the problem in the district	Names of Cluster Villages identified for intervention	Proposed Intervention (OFT, FLD, Training, extension activity etc.)*
1	Groundnut	White grub infestation	-	Adopted village	OFT -1,FLDs-10 Training, Campaign Diagnostic visit
2	Groundnut	Low yield and infestation of stem rot	-	Adopted village	FLDs-10 (newly released var. GJG-22) Training, Advisory service
3	Groundnut	Stem rot infestation	-	Adopted village	FLDs : 10 Training, Advisory service Provide technological product
4	Cotton	Pink Bollworm incidence	-	Adopted village	FLDs : 10, Training Diagnostic visit, Campaign Provide technological product
5	Cotton	Nutrient deficiency	-	Adopted village	FLDs : 10 Training, Advisory service
6	Wheat	Lack of knowledge about INM and Biofert.	-	Adopted village	OFT-1 Training, Advisory service Provide technological product
7	wheat	Low yield of wheat	-	Adopted village	FLD-10 (GW-366) Training, Advisory Service
8	cumin	Wilt incidence in cumin (IDM)	-	Adopted village	FLDs : 10 Training, Advisory service
9	Chick pea	Low yield of chick pea	-	Adopted village	FLDs : 10 (GG-5) Training, Diagnostic visit Advisory Service
10	Sesame	Low yield of sesame	-	Adopted village	FLDs: 10 (G.T-3) Training
11	Papaya	Low yield of papaya	-	Adopted village	FLDs :3 (Var. GJP-1) training
12	Onion	Low Yield	-	Adopted village	FLDs : 10 Onion (GJRO-11) Training, Advisory service
13	Tomato	Low yield due to nutrient deficiency	-	Adopted village	FLDs :10 Diagnostic visits, Training
14	Brinjal	Infestation of shoot and fruit borer	-	Adopted village	FLDs:10 Advisory service, Training
15	Chilly	Incidence of fungal disease	-	Adopted village	OFT-1 Diagnostic visit and Training
16	Nutritional security	Unaware about the concept of kitchen gardening to combat balanced Nutrition with easy availability	-	Adopted village	FLDs :50 Training

17	Nutritional Security	Less knowledge regarding the importance of solar cooker	-	Adopted village	OFT :1 Training
18	Cattle	Lack of knowledge about nutrition management	-	Adopted village	OFT:1 Training Advisory service
19	Cattle	Lack of knowledge about nutrition management in cattle	-	Adopted village	OFT:1 Training, Diagnostic visit Advisory Service
20	Cattle	Lack of knowledge about nutrition management in cattle	-	Adopted village	FLDs: 20 Training
21	Buffalo	Integrated nutrient management	-	Adopted village	FLDs : 10 Training
22	Cattle	Integrated nutrient management	-	Adopted village	FLDs : 20 Training

\* Support with problem-cause and interventions diagram

### 3.2. Technologies to be assessed

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	-	-	-	-	-	-	-	-	-	-
Integrated Nutrient Management	1	-	-	-	1	-	-	-	-	2
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Drudgery reduction	-	-	-	-	-	-	-	-	-	-
Farm machineries	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	1	-	-	-	-	-	-	-	1
Integrated Disease Management	-	-	-	-	1	-	-	-	-	-
Resource conservation technology	-	-	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>

A.2. 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	-	-	-	-	-	-	-	-
Nutrition Management	1	-	-	-	-	-	-	2
Disease of Management	-	-	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>

**B. Details of On Farm Trial / Technology Assessment during 2020**

S.No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of Technology	Name of critical input	Qty per trial	Cost per trial	No. of trials	Total cost for the intervention (Rs.)	Parameters to be studied
1	Wheat	Low yield due to improper nutrient management	Assessment of response of bio fertilizer on wheat yield	Farmers practices: Application of only DAP and Urea in diff doses	JAU, Junagadh	Azatobacter & PSB culture	500 ml 500 ml	120	3	360	Yield, B:C ratio, farmers perception
				Recommended practices : Recommended dose of ferti. RDF -120-60-0							
				Intervention: Seed treatment with Azatobacter & PSB culture (250g/ 10seed kg) + 75 RDF							
2	Groundnut	Low yield from groundnut cultivation	Assessment of management of white grub in Groundnut	Farmer's practice : Chloropyriphos @ 4 lit./ha at the time of attack	JAU, Junagadh	Chloropyriphos Lamada cyhalothrin	2.5 L 100 ml	1525	3	4575	Yield & White grub infestation, B:C ration, farmers perception
				Recommended practice: 1.Seed treatment with Chloropyriphos @ 25 ml/kg 2. Application of Chloropyriphos @ 4 lit./ha 3. Spraying the trees on bund with lambda							

				cyalothrin 1.5 ml/1 lit water							
				Intervention: 1. Application of carbofuran 3G@ 40kg/ha at time of sowing 2.Spraying the trees on bund with lambda cyalothrin 1.5 ml/1 lit water 3.Application of UREA @ 50 kg/ha with irrigation water at time of infestation.							
3	<b>cattle</b>	1. Lack of knowledge about feeding of bypass fat and concentrate	Assessment of effect of concentrate and bypass fat feeding on milk production in gir cattle	<b>T1:Farmers practices</b> : Routine feeding (Green fodder 20 kg +dry fodder 8kg/animal/day)	SAU Gujarat	Mineral mixture + fenbendazol					Milk yield (Lit/Animal /Day), B:C ratio
				T2: T1+Concentrate (1.5 Kg/cow/day for maintenance+400 g each lit milk production T3: T1 +T2 +Bypass fat @50 -100gm /cow/day		Bypass fat powder and concentrate	2 kg+ 1 bag con.	20 kg 20 bag	20	36000	
4	<b>chilly</b>	Low yield due to wilt infestation	Assessment of effect of the fungicides on disease of chilli	Farmer practices: Two spray of Hexaconazole @ 1ml/liter of water. At 15 days interval	JAU, Junagadh	Trichoderma and copper oxychloride	1 kg 500 gm	820	3	2460	Yield & Wilt disease incidence
				Recommended practices: Seed treatment of carbendazim @ 3gm/kg seed + soil application of							

				Trichoderma @2.5 kg/ha at 15 DAS + soil drenching of C.O.C. @ 40 gm./10 ltr.of water during disease incidence							
				<b>Intervention:</b> Two spray of Hexaconazole @ 1ml/liter of water. At 15 days interval + soil drenching of C.O.C. @ 40 gm./10 ltr.of water during disease incidence							
5	Garlic	Low Yield due to lack of micro nutrient	Assessment of effect of Micronutrient on yield of Garlic	Farmer practices: Application of only DAP and Urea in different Doses	JAU Junagadh				3		Yield & B:C Ratio
				Recommended practices: Recommended dose of Fertilizer.RDF 50-50-50(N-P-K) Kg/ha.							
				<b>Intervention:</b> apply foliar spray of multi-micronutrient formulation Grade IV (Fe-Mn-Zn-Cu-B, 4.0-1.0-6.0-0.5-0.5 %) @ 1% at 60, 75 and 90 DAS in addition to recommended dose of fertilizers (50-50-50 N-P2O5-K2O kg/ha)							

### 3.3. Frontline Demonstrations

#### A. Details of FLDs to be organized -

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs with cost (Rs.)	Season and year	Area (ha)	No. of farmer / demonstration.	Parameters identified
1	Groundnut	GG-20	IPM	Seed treatment with Chlorpyrifos	Chlorpyrifos 2.5 L =Rs. 900	Kharif-2020	4	10	Pest infestation & Yield B:C ratio
2	Groundnut	GG-22	Varietal	Improved variety	GJG-22, Seeds = 30 kg =Rs.2200	Kharif-2020	4	10	Yield, B:C
3	Groundnut	GG-20	IDM	Application of Trichoderma	Trichoderma : 2 Kg =Rs.140 Castor cake: 1Bag (50 Kg =Rs.500	Kharif-2020	4	10	Disease incidence & Yield , B:C ratio
4	Cotton	Bt	INM	Application of Azotobacter, PSB	Azotobacter : 500 ml =Rs.60 PSB Culture : 500 ml =Rs.60	Kharif-2020	4	10	Yield, B:C ratio
5	Cotton	Bt.	IPM	Pheromone trap +Beauveria	Pheromone trap : 10 no =Rs.300 Beauveria : 1 kg =Rs.150 Pink bollworm Lure : 30 No=Rs.300	Kharif-2020	20	50	Yield, B:C ratio, PB infestation
6	Brinjal	Local	IPM	MDP tube	500 gm Rs. 100	Kharif-2020	4	10	Yield, B:C ratio,
7	Tomato	Local	INM	Grade-4 micro nutrient	250 gm 2pkt	Kharif-2020	4	10	Yield, B:C ratio,
8	Wheat	INM	INM	Azotobacter, PSB	Azotobacter : 500 ml =Rs. 60 PSB : 500 ml=Rs.60	Rabi-2020	5	10	Yield, B:C ratio
9	Cumin	GC-4	IDM	Tricho+Castor cake	Trichoderma : 2 kg =Rs.140 Castor Cake: 50 Kg. =Rs.500	Rabi-2020	4	10	Disease incidence & Yield , B:C ratio
10	Chick pea	GG-5	Varietal	Improved variety	Seeds GG-5 : 25 kg = Rs=1500	Rabi-2020	4	10	Yield, B:C ratio
11	Brinjal	GRB-5	Varietal	Improved variety	150 gm	Rabi-2020	4	10	Yield, B:C ratio
12	Garlic	Local	INM	Grade-4 micro nutrient	250 gm 2pkt	Rabi-2020	4	10	Yield, B:C ratio
13	Sesamum	GT-3	Varietal	Improved variety	Seeds GT-3 =2 kg =Rs. 300	Summer-2020	4	10	Yield, B:C ratio
14	Kitchen Gardening	-	Nutritional Security	Vege. Seeds	Seeds of different vegetable	Kharif-2020	0.5	50	Yield, B:C ratio
<b>Total</b>							<b>69.5</b>	<b>220</b>	

#### Sponsored Demonstration

Crop	Area (ha)	No. of farmers
-	-	-

## B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	14	-	350
2	Farmers Training	20	As and when required	600
3	Media coverage	-		
4	Training for extension functionaries	1	-	60

## C. Details of FLD on Enterprises

### a. Farm Implements

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

### b. Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Critical inputs	Performance parameters / indicators
Buffalo	Jafarabadi	10	10	Calpar gold (60 ml/day/animal)	Milk yield and B:C ration
Cattle	Gir	20	20	Bypass fat (50 gm/day/animal)	Milk yield and B:C ration
Cattle	Gir	20	20	Bypass protein (50 gm/day/animal)	Milk yield and B:C ration

## 3.4. Training (Including the sponsored and FLD training programmes):

### A. ON Campus

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
<b>I Crop Production</b>								
Weed Management	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
<b>II Horticulture</b>								
<b>a) Vegetable Crops</b>								
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	1	25	0	25	0	0	0	25
Nursery raising	1	25	0	25	0	0	0	25
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0

Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	0	0	0	0	0	0	0	0
<b>b) Fruits</b>	0	0	0	0	0	0	0	0
Training and Pruning	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	25	0	25	0	0	0	25
Management of young plants/orchards	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	1	25	0	25	0	0	0	25
Plant propagation techniques	0	0	0	0	0	0	0	0
<b>c) Ornamental Plants</b>	0	0	0	0	0	0	0	0
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
<b>d) Plantation crops</b>	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
<b>e) Tuber crops</b>	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
<b>f) Spices</b>	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
<b>g) Medicinal and Aromatic Plants</b>	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
<b>III Soil Health and Fertility Management</b>	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0
<b>IV Livestock Production and Management</b>	0	0	0	0	0	0	0	0
Dairy Management	2	25	25	50	0	0	0	50
Poultry Management	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0
Feed management	1	25	0	25	0	0	0	25
Production of quality animal products	0	0	0	0	0	0	0	0
<b>V Home Science/Women empowerment</b>	0	0	0	0	0	0	0	0
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	1	0	25	25	0	0	0	25
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0

Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0
Value addition	2	0	50	50	0	0	0	50
Income generation activities for empowerment of rural Women	1	0	25	25	0	0	0	25
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	1	0	25	25	0	0	0	25
<b>VI Agril. Engineering</b>	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
<b>VII Plant Protection</b>	0	0	0	0	0	0	0	0
Integrated Pest Management	2	50	0	50	0	0	0	50
Integrated Disease Management	1	25	0	25	0	0	0	25
Bio-control of pests and diseases	1	25	0	25	0	0	0	25
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
<b>VIII Fisheries</b>	0	0	0	0	0	0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0
<b>IX Production of Inputs at site</b>	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
<b>X Capacity Building and Group Dynamics</b>	0	0	0	0	0	0	0	0
Leadership development	1	25	0	25	0	0	0	25
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	25	0	25	0	0	0	25
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
<b>XI Agro-forestry</b>	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
<b>XII Others (PI. Specify)</b>	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>18</b>	<b>325</b>	<b>125</b>	<b>450</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>450</b>

<b>(B) RURAL YOUTH</b>								
Mushroom Production	0	0	0	0	0	0	0	0
Bee-keeping	1	25	00	25	00	00	00	25
Integrated farming	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
Integrated Farming (Medicinal)	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0
Value addition	1	00	21	21	00	04	04	25
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>2</b>	<b>25</b>	<b>21</b>	<b>46</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>50</b>
<b>(C) Extension Personnel</b>								
Productivity enhancement in field crops	1	24	00	24	01	00	01	25
Integrated Pest Management	1	21	00	21	04	00	04	25
Integrated Nutrient management	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>2</b>	<b>45</b>	<b>0</b>	<b>45</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>50</b>
<b>G. Total</b>	<b>22</b>	<b>395</b>	<b>146</b>	<b>541</b>	<b>5</b>	<b>4</b>	<b>9</b>	<b>550</b>

**B. OFF Campus**

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
<b>I Crop Production</b>								
Weed Management	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
<b>II Horticulture</b>								
<b>a) Vegetable Crops</b>								
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net etc.)	1	28	0	28	2	0	2	30
<b>b) Fruits</b>								
Training and Pruning	1	28	0	28	2	0	2	30
Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0
Management of young plants/orchards	1	28	0	28	2	0	2	30
Rejuvenation of old orchards	1	30	0	30	5	0	5	35
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0
<b>c) Ornamental Plants</b>								
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
<b>d) Plantation crops</b>								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
<b>e) Tuber crops</b>								
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
<b>f) Spices</b>								
Production and Management technology	1	28	0	28	2	0	2	30
Processing and value addition	1	28	0	28	2	0	2	30
<b>g) Medicinal and Aromatic Plants</b>								
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0

Post harvest technology and value addition	0	0	0	0	0	0	0	0
<b>III Soil Health and Fertility Management</b>	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0
<b>IV Livestock Production and Management</b>	0	0	0	0	0	0	0	0
Dairy Management	2	25	25	50	5	5	10	60
Poultry Management	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management /goat	0	0	0	0	0	0	0	0
Disease Management	1	28	0	28	2	0	2	30
Feed management	2	55	0	55	5	0	5	60
Production of quality animal products	1	28	0	28	2	0	2	30
<b>V Home Science/Women empowerment</b>	0	0	0	0	0	0	0	0
Household food security by kitchen gardening and nutrition gardening	1	0	28	28	0	2	2	30
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	1	0	28	28	0	2	2	30
Minimization of nutrient loss in processing	1	0	28	28	0	2	2	30
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0
Value addition	1	0	28	28	0	2	2	30
Income generation activities for empowerment of rural Women	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	1	0	28	28	0	2	2	30
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0
<b>VI Agril. Engineering</b>	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
<b>VII Plant Protection</b>	0	0	0	0	0	0	0	0
Integrated Pest Management	2	55	5	60	0	0	0	60
Integrated Disease Management	2	55	5	60	0	0	0	60
Bio-control of pests and diseases	1	28	0	28	2	0	2	30
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
<b>VIII Fisheries</b>	0	0	0	0	0	0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0

<b>IX Production of Inputs at site</b>	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0
Planting material production (Horti.)	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production (Horti.)	0	0	0	0	0	0	0	0
Organic manures production (A.S.)	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
<b>X Capacity Building and Group Dynamics</b>	0	0	0	0	0	0	0	0
Leadership development	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs(HS)	1	28	0	28	2	0	2	30
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths (Agro.)	1	28	0	28	2	0	2	30
WTO and IPR issues	0	0	0	0	0	0	0	0
<b>XI Agro-forestry</b>	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems (Agro)	0	0	0	0	0	0	0	0
<b>XII Others (Pl. Specify)</b>	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>24</b>	<b>500</b>	<b>175</b>	<b>675</b>	<b>35</b>	<b>15</b>	<b>50</b>	<b>725</b>

### C. Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
<b>I Crop Production</b>								
Weed Management	0	0	0	0	0	0	0	0
Resource Conservation Technologies	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0
Water management	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0
Fodder production	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0
<b>II Horticulture</b>								
<b>a) Vegetable Crops</b>								
Production of low volume and high value crops	0	0	0	0	0	0	0	0
Off-season vegetables	1	25	0	25	0	0	0	25
Nursery raising	1	25	0	25	0	0	0	25
Exotic vegetables like Broccoli	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0
Protective cultivation (Green Houses, Shade Net)	1	28	0	28	2	0	2	30
<b>b) Fruits</b>								
Training and Pruning	1	28	0	28	2	0	2	30

Layout and Management of Orchards	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	25	0	25	0	0	0	25
Management of young plants/orchards	1	28	0	28	2	0	2	30
Rejuvenation of old orchards	1	30	0	30	5	0	5	35
Export potential fruits	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	1	25	0	25	0	0	0	25
Plant propagation techniques	0	0	0	0	0	0	0	0
<b>c) Ornamental Plants</b>	0	0	0	0	0	0	0	0
Nursery Management	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0
<b>d) Plantation crops</b>	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
<b>e) Tuber crops</b>	0	0	0	0	0	0	0	0
Production and Management technology	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0
<b>f) Spices</b>	0	0	0	0	0	0	0	0
Production and Management technology	1	28	0	28	2	0	2	30
Processing and value addition	1	28	0	28	2	0	2	30
<b>g) Medicinal and Aromatic Plants</b>	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0
<b>III Soil Health and Fertility Management</b>	0	0	0	0	0	0	0	0
Soil fertility management	0	0	0	0	0	0	0	0
Soil and Water Conservation	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0
<b>IV Livestock Production and Management</b>	0	0	0	0	0	0	0	0
Dairy Management	4	50	50	100	5	5	10	110
Poultry Management	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0
Rabbit Management/goat	0	0	0	0	0	0	0	0
Disease Management	1	28	0	28	2	0	2	30
Feed management	3	80	0	80	5	0	5	85
Production of quality animal products	1	28	0	28	2	0	2	30
<b>V Home Science/Women empowerment</b>	0	0	0	0	0	0	0	0
Household food security by kitchen gardening and nutrition gardening	1	0	28	28	0	2	2	30
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	1	0	53	53	0	2	2	55
Minimization of nutrient loss in processing	1	0	28	28	0	2	2	30
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0
Value addition	3	0	78	78	0	2	2	80
Income generation activities for empowerment of rural Women	1	0	25	25	0	0	0	25

Location specific drudgery reduction technologies	1	0	28	28	0	2	2	30
Rural Crafts	0	0	0	0	0	0	0	0
Women and child care	1	0	25	25	0	0	0	25
<b>VI Agril. Engineering</b>	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
<b>VII Plant Protection</b>	0	0	0	0	0	0	0	0
Integrated Pest Management	4	105	5	110	0	0	0	110
Integrated Disease Management	3	80	5	85	0	0	0	85
Bio-control of pests and diseases	2	53	0	53	2	0	2	55
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0
<b>VIII Fisheries</b>	0	0	0	0	0	0	0	0
Integrated fish farming	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0
<b>IX Production of Inputs at site</b>	0	0	0	0	0	0	0	0
Seed Production	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0
<b>X Capacity Building and Group Dynamics</b>	0	0	0	0	0	0	0	0
Leadership development	1	25	0	25	0	0	0	25
Group dynamics	0	0	0	0	0	0	0	0
Formation and Management of SHGs	2	53	0	53	2	0	2	55
Mobilization of social capital	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	1	28	0	28	2	0	2	30
WTO and IPR issues	0	0	0	0	0	0	0	0
<b>XI Agro-forestry</b>	0	0	0	0	0	0	0	0
Production technologies	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0
Sponsored training	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>41</b>	<b>800</b>	<b>325</b>	<b>1125</b>	<b>35</b>	<b>15</b>	<b>50</b>	<b>1175</b>
<b>(B) RURAL YOUTH</b>								
Mushroom Production	0	0	0	0	0	0	0	0
Bee-keeping	1	25	00	25	00	00	00	25
Integrated farming	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0

Production of organic inputs	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0
Value addition	1	00	21	21	00	04	04	25
Production of quality animal products	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0
Para vets	0	0	0	0	0	0	0	0
Para extension workers	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>2</b>	<b>25</b>	<b>21</b>	<b>46</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>50</b>
<b>(C) Extension Personnel</b>								
Productivity enhancement in field crops	1	24	00	24	01	00	01	25
Integrated Pest Management	1	21	00	21	04	00	04	25
Integrated Nutrient management	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2</b>	<b>45</b>	<b>0</b>	<b>45</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>50</b>
<b>G. TOTAL</b>	<b>45</b>	<b>895</b>	<b>321</b>	<b>1216</b>	<b>40</b>	<b>19</b>	<b>59</b>	<b>1275</b>

Details of training programmes attached in **Annexure –I**

### 3.5. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	15	200	50	250	10	5	15	210	55	265
Kisan Mela	1	500	300	800	20	5	25	520	305	825
Kisan Ghosthi	24	150	70	220	20	10	30	170	80	250
Exhibition	1	0	0	0	0	0	0	0	0	0
Film Show	8	300	50	350	4	2	6	304	52	356
Farmers Seminar	0	0	0	0	0	0	0	0	0	0
Workshop	0	0	0	0	0	0	0	0	0	0
Group meetings	12	200	100	300	5	5	10	205	105	310
Lectures delivered as resource persons	22	250	75	325	5	2	7	255	77	332
Newspaper coverage	5	0	0	0	0	0	0	0	0	0
Radio talks	0	0	0	0	0	0	0	0	0	0
TV talks	0	0	0	0	0	0	0	0	0	0
Popular articles	5	0	0	0	0	0	0	0	0	0
Extension Literature	5	0	0	0	0	0	0	0	0	0
Advisory Services	1800	1500	300	1800	0	0	0	1500	300	1800
Scientific visit to farmers field	70	160	15	175	10	3	13	170	18	188
Farmers visit to KVK	800	170	30	200	5	2	7	175	32	207
Diagnostic visits	30	50	15	65	7	0	7	57	15	72
Exposure visits	2	60	60	120	2	2	4	62	62	124
Ex-trainees Sammelan	1	150	50	200	0	0	0	150	50	200
Soil health Camp	1	100	0	100	0	0	0	100	0	100
Animal Health Camp	10	150	0	150	4	0	4	154	0	154
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	1	225	25	250	5	2	7	230	27	257
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	0	0	0	0	0	0	0	0	0	0
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0
Celebration of important days (specify)	8	900	100	1000	10	2	12	910	102	1012
Swachhata Pakhvada	1	800	250	1050	5	0	5	805	250	1055
Celebration of Swachhata Hi Sewa	1	650	400	1050	8	2	10	658	402	1060
<b>Total</b>	<b>2823</b>	<b>6515</b>	<b>1890</b>	<b>8405</b>	<b>120</b>	<b>42</b>	<b>162</b>	<b>6635</b>	<b>1932</b>	<b>8567</b>

### 3.6. Target for Production and supply of Technological products

#### SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
<b>CEREALS</b>	Wheat	GW-496	30
<b>OILSEEDS</b>	Groundnut	GJG-22, GJG-17, GJG-31, GAUG-10,	200

#### PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
<b>FRUITS</b>	Papaya	GJP-1	1000
<b>VEGETABLES</b>	Brinjal	GHLB-4, GJHB-4	1000
	Tomato	GT-1	1000
	Chilly	Local	1000
		<b>Total</b>	<b>4000</b>

#### Bio-products

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
<b>BIO PESTICIDES</b>				
1	Beauveria 1 Sawaj Beauveria	<i>Beauveria Bassiana</i>		2000
2	Trichoderma 2 Sawaj Trichoderma	<i>Trichoderma harzanium</i>		2000

#### LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
Cattle	-	-	-	-
GOAT	-	-	-	-
SHEEP	-	-	-	-
POULTRY	-	-	-	-
Pig farming	-	-	-	-
FISHERIES	-	-	-	-
	-	-	-	-

#### 4. Literature to be Developed/Published : 5 folders in vernacular language

##### A. KVK News Letter

Date of start :

Number of copies to be published :

**B. Literature developed/published**

S.No.	Topic	Number
1	Research paper each scientist	2
2	Technical reports	2
3	News letters	4
4	Training manual all discipline	1
5	Popular article	10
6	Extension literature	5
<b>Total</b>		<b>24</b>

**C. Details of Electronic Media to be produced**

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette) and video clippings	Title of the programme	Number
1	-	-	-

**D. Success stories/Case studies identified for development as a case.** -

- a. Brief introduction
- b. Interventions
- c. Output
- d. Outcomes
- e. Impact
  - i) Social economic
  - ii) Bio-Physical
- f. Good Action Photographs

**5.1. Indicate the specific training need analysis tools/methodology followed for****A. Practicing Farmers**

- a) Group discussion
- b) Field observation
- c) Diagnostic visit

**B. Rural Youth**

- a) Discussion
- b) Observation

**C. In-service personnel**

- a) Questionnaire
- b) Discussion

**5.2. Indicate the methodology for identifying OFTs/FLDs****For OFT:**

- i) PRA
- ii) Field level observations
- iii) Farmer group discussions

**For FLD:**

- i) New variety/technology
- ii) Poor yield at farmers level

**5.3. 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 :
- 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

## 6. LINKAGES

### 6.1. Functional linkage with different organizations

Sl.No.	Name of organization	Nature of Linkage
1.	College of Agriculture, Junagadh.	Impart training on Agril. aspects.
2.	College of Agril. Engg, Junagadh	Impart training on Engg. aspects
3.	Pulse Research Station, Junagadh	Supply of seeds for FLDs
4.	Oilseeds Research Station, Junagadh	Supply of seeds for crop museum
5.	Oilseeds Research Station, Amreli	Supply of seeds for crop museum
6.	Director, DGR, Ivnagar, Junagadh	Training & exposure visit
7.	Bio-control Lab, Dept of Ento. JAU. Junagadh	Supply of Beauveria, P. Trap, Lure etc.
8.	Dept. of Plant Pathology, JAU, Junagadh	Supply of Bio fertilizer and Trichoderma
9.	Vegetable Research Station, JAU, Junagadh	Supply of Vegetable Seeds
10.	Cattle Breeding Farm, JAU, Junagadh	Training & exposure visit

### 6.2. Details of linkage with ATMA

- a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage
1	Training programmes	Farmers training programme
2	Kisan Mela	Exhibition
3	Technology Week	Farmers training programme
4	Exposure visit	Training & exposure visit to JAU

### 6.3. E-linkage during 2020

S. No	Nature of activities	Likely period of completion (please set the time frame)	Remarks if any
20.1	Title of the technology module to be prepared	-	-
20.2	Creation and maintenance of relevant database system for KVK	-	-
20.3	Any other (Please specify)	-	-

### 6.4. Give details of programmes under National Horticultural Mission

S. No.	Programme	Nature of linkage
1	-	-
2	-	-

### 6.5. Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage
1	-	-
2	-	-

### 6.6. Additional Activities Planned including sponsored projects (ProCRA / Pro SOIL/NARI/DAESI/DAMU/DFI, etc.) / schemes during 2020, if involved.

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
-	-	-	-	-	-

**7.0 Convergence with other agencies and departments:** ATMA-Rajkot, State Agril. Department, Horticultural Department, Animal Husbandry department of districts

### 8. Innovator Farmer's Meet 2020

Sl.No.	Particulars	Details
	Are you planning for conducting Farm Innovators meet in your district?	No
	If Yes likely month of the meet	-
	Brief action plan in this regard	-

### 9. Farmers Field School (FFS) planned 2020

S. No	Thematic area	Title of the FFS	Budget proposed in Rs.
-	-	-	-
-	-	-	-

### 10.1. Technical Feedback of the farmers about the technologies demonstrated and assessed:

S. No.	crops /enterprises	Variety /Technology	Feed back
1	Groundnut	IPM	Application of clorpyriphos 25 ml /kg as a seed treatment of groundnut reduce infestation of white grub (Very less white grub infestation)
2	Groundnut	Varietal	GJG-22 variety gives higher yield as compare to GG-20 and less infestation of stem rot as compare to other variety in kharif season
3	Groundnut	IDM	Application of Trichoderma in Groundnut crop reduce incidence of stem rot and increase yield
4	Cotton	IPM	Integrated approach for management of pink boll worm i.e. pheromone trap and two or three spray of Beauveria reduce incidence of pink boll worm
5	Cotton	INM	Application of Azotobactor and PSB culture reduce cost of chemical fertilizer and increase yield
6	Wheat	INM	Application of biofertilizer reduce the cost of chemical fertilizer and increase yield

7	Wheat	INM	Application of Azotobactor and PSB culture increase yield
8	Cumin	IDM	Application of trichoderma with castor cake reduce wilt in cumin and increase yield
9	Chick pea	Varietal	Less incidence of wilt in GG-5 var of chick pea and higher yield as compare to other variety
10	Sesame	Varietal	G.T-3 var. Bold and white seeded and higher yield
11	Papaya	Varietal	GJP-1 newly released variety and gives higher yield and market price as compare to other
12	Onion	Varietal	Higher yield as compare to other variety
13	Tomato	INM	Application of micro nutrient Grade -4 reduce nutrient deficiency and increase yield
14	Brinjal	IPM	Pheromone trap in brinjal field control the shoot and fruit borer
15	Nutritional security	Balanced Nutrition	Provide balanced Nutrition with easy availability
16	Nutritional Security	importance of solar cooker	Nutritional enrichment with high nutritious and tasty low cost diet with reducing drudgery of women
17	Cattle	nutrient management	-Balance ration feeding, increase in use of mineral mixture feeding in animals helps to increase milk production and reduce the reproduction disorders
18	Cattle	nutrient management	Increase milk production and reduce cost of production through probiotic feeding of animal
19	Cattle	nutrient management	Reduce the metabolic disorder to feeding a calcium supplementation in animal
20	Buffalo	Integrated nutrient management	Improve nutritional status of cattle and increase animal productivity of milch animal through feeding bypass fat
21	Cattle	Integrated nutrient management	Improve nutritional status of cattle and increase animal productivity of milch animal through feeding bypass protein

**10.2. Technical Feedback from the KVK Scientists (Subject wise) to the research institutions/universities:  
NIL**

**11. Utilization of hostel facilities**

S. No.	Programme	No. of days
1	-	-
2	-	-
3	-	-
4	-	-
	<b>Total</b>	

## Training Programme

## i) Farmers &amp; Farm women (On Campus)

Date	Clientel e	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
<b>Horticulture</b>										
	PF	Production technology of fruit and vegetable	1	22	0	22	3	0	3	25
	PF	Nursery raising	1	22	0	22	3	0	3	25
	PF	Irrigation and nutrient management in fruit crops	1	22	0	22	3	0	3	25
	PF	Production technology of spices	1	22	0	22	3	0	3	25
<b>Livestock prod.</b>										
	PF/FW	Importance of colostrums feeding in new born calves	1	0	22	22	0	3	3	25
	PF/FW	Fodder crop production technology	1	22	0	22	3	0	3	25
	PF/FW	Importance of artificial insemination in cow and buffalo	1	22	0	22	3	0	3	25
	PF/FW	Balance ration in milch anima	1	22	0	22	3	0	3	25
<b>Home Sc.1</b>										
	PF	Preparation of different types of bakery products like Pizza base, Nankhatai, different types of biscuits, Cake etc.	1	0	22	22	0	3	3	25
	PF	Preparation of Protein and Energy rich diet	1	0	22	22	0	3	3	25
	PF	Preparation of different products from Aonla	1	0	22	22	0	3	3	25
	PF	Preparation of Jam, Squash, catchup from fruits	1	0	22	22	0	3	3	25
	PF	Value addition in Bajra	1	0	22	22	0	3	3	25
<b>Plan protection</b>										
	PF	Integrated Pest management in cotton & groundnut	1	22	0	22	3	0	3	25
	PF	Integrated pest and diseases management in coriander	1	22	0	22	3	0	3	25
	PF	Diseases management in spices	1	22	0	22	3	0	3	25
	PF/FW	Storage pest management	1	22	0	22	3	0	3	25
	PF	Integrated pest management in summer groundnut	1	22	0	22	3	0	3	25
<b>Extension</b>										
	PF	Formation of new SHGs, CIGs,	1	22	0	22	3	0	3	25
	PF	Leadership Development	1	22	0	22	3	0	3	25

**i) Farmers & Farm women (Off Campus)**

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
<b>Horticulture</b>										
	PF	Production technology in protected cultivation	1	27	0	27	3	0	3	30
	PF	Pruning and training in fruit crops	1	27	0	27	3	0	3	30
	PF	Management of young Plants/ Orchards	2	57	0	57	8	0	8	65
	PF	Cultivation practices of onion and garlic	1	27	0	27	3	0	3	30
	PF	Post Harvest Management Technology	1	27	0	27	3	0	3	30
	PF	Importance of drip irrigation in horticultural crops	1	27	0	27	3	0	3	30
<b>Live Stock Production.</b>										
	PF	Infertility of cow and Buffalo by diseases & its prevention	1	27	0	27	3	0	3	30
	PF	Importance of colostrums feeding in new born calves	1	27	0	27	3	0	3	30
	PF	Creating awareness about balance nutrition management	1	27	0	27	3	0	3	30
	PF	Fodder crop production technology	1	27	0	27	3	0	3	30
	PF	Increase nutritive value of low quality roughages for milking animals	1	27	0	27	3	0	3	30
	PF	Clean milk production by proper milking watering and animal washing	1	27	0	27	3	0	3	30
<b>Home Sc.</b>										
	PF	Preparation of different types of masala	1	0	27	27	0	3	3	30
	PF	Work simplification in household activities and Drudgery reduction technologies in agriculture	1	0	27	27	0	3	3	30
	PF	Organic Kitchen gardening & its importance on health	1	0	27	27	0	3	3	30
	PF	Value addition in milk	1	0	27	27	0	3	3	30
	PF	Importance of green leafy vegetables in diet	1	0	27	27	0	3	3	30
<b>Plant Protection</b>										
	PF	Integrated Pest management in cotton & groundnut	1	27	0	27	3	0	3	30
	PF	Integrated pest and disease management in Cotton & Groundnut	1	27	0	27	3	0	3	30
	PF	Bio control of Pests and Diseases	1	27	0	27	3	0	3	30
	PF	Diseases management in cumin & coriander	1	27	0	27	3	0	3	30
	PF	Storage pest management	1	27	0	27	3	0	3	30
	PF	Integrated pest management in summer crops	1	27	0	27	3	0	3	30
<b>Extension</b>										
	PF	Procedure for formation of new SHGs, CIGs	1	27	0	27	3	0	3	30
	PF	Development of entrepreneurship among rural youth	1	27	0	27	3	0	3	30

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Month	Duration (days)	No. of Participants			SC/ST participants			G. Total
					M	F	T	M	F	T	
Bakery item	Value addition	Preparation of different bakery product		2	0	30	30	0	0	0	30
Fruits/vegetables	Value addition	Value addition of fruits and vegetables		2	0	30	30	0	0	0	30

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
<b>On Campus</b>										
	Agro input dealers	Management of pink bollworm in cotton and white grub in groundnut	1	25	2	27	0	0	00	27
	VO's	Cattle health management through vaccination and feed management	1	25	2	27	0	0	0	27

iv) Sponsored programme

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
<b>a) Sponsored training programme</b>											
Plant protection	ATMA	PF	Storage pest management	2	55	00	55	05	00	05	60
Crop production	ATMA	PF	Integrated nutrient management	2	57	00	57	03	00	03	60
Ext Edu.	ATMA	PF	Development of entrepreneurship among rural youth	2	55	00	55	05	00	05	60
Crop production	GSFC	PF	Soil fertility management	2	30	20	50	05	05	10	60
Home Science	FTC, Rajkot	FW	Value addition in fruits & vegetables	2	00	55	55	00	05	05	60
Plant protection	GNFC	PF	IPM and IDM in major Kharif crops	2	55	00	55	05	00	05	60
Horticulture	FTC, Rajkot	PF/FW	Importance of drip irrigation in horticultural crops	2	30	30	60	00	00	00	60
Animal Husbandry	ATMA	PF	Infertility of cow and buffalo by diseases & its prevention	2	56	00	56	04	00	04	60
<b>Total</b>				<b>16</b>	<b>338</b>	<b>105</b>	<b>443</b>	<b>27</b>	<b>10</b>	<b>37</b>	<b>480</b>
<b>b) Sponsored research programme</b>											
-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>											
<b>c) Any special programmes</b>											
Technology week celebration		PF/FW/R Y	Different scientific technologies related to different discipline	6 days	175	75	250	25	25	50	300
<b>Total</b>				<b>6 days</b>	<b>175</b>	<b>75</b>	<b>250</b>	<b>25</b>	<b>25</b>	<b>50</b>	<b>300</b>

**Budget - Details of budget utilization (April 2019 to up till date)**

S. No.	Particulars	Sanctioned	Released	Expenditure
<b>24.1</b>	<b>Recurring Contingencies</b>	<b>91.80</b>	<b>69.00</b>	<b>87.48</b>
24.1.1 A	<b>Pay &amp; Allowances</b>	<b>81.00</b>	<b>60.00</b>	<b>78.88</b>
24.1.2 B	<b>Traveling allowances</b>	<b>1.00</b>	<b>1.00</b>	<b>00.93</b>
24.1.3 C	<b>Contingencies</b>	<b>9.80</b>	<b>8.00</b>	<b>7.67</b>
24.1.4.1	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance	3.80	8.00	1.87
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees			
D	Training material			
E	Frontline demonstration except oilseeds and pulses			
F	On farm testing			
G	Training of extension functionaries	6.00		
H	Maintenance of buildings	0	0	0
I	Establishment of Soil, Plant & Water Testing Laboratory	0	0	0
J	Library	0	0	0
<b>24.1</b>	<b>Total Recurring</b>	<b>91.80</b>	<b>69.00</b>	<b>87.48</b>
<b>24.2</b>	<b>Non-Recurring Contingencies</b>	<b>0</b>	<b>0</b>	<b>0</b>
24.2.1	<b>Works</b>	<b>0</b>	<b>0</b>	<b>0</b>
24.2.2	<b>Equipments including SWTL &amp; Furniture</b>	<b>0</b>	<b>0</b>	<b>0</b>
24.2.3	<b>Vehicle</b> (Four wheeler/Two wheeler, please specify)	<b>0</b>	<b>0</b>	<b>0</b>
24.2.4	<b>Library</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>24.2</b>	<b>Total Non Recurring</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>24.3</b>	<b>REVOLVING FUND</b>	<b>18.97</b>	<b>18.97</b>	<b>11.35</b>
<b>24.4</b>	<b>GRAND TOTAL (A+B+C)</b>	<b>91.80</b>	<b>69.00</b>	<b>87.48</b>

**Details of Budget Estimate (2020-21) based on proposed action plan**

S. No.	Particulars	BE 2019-20proposed (Rs.)
<b>25.1</b>	<b>Recurring Contingencies</b>	
25.1.1	<b>Pay &amp; Allowances</b>	<b>98.00</b>
25.1.2	<b>Traveling allowances</b>	<b>2.00</b>
25.1.3	<b>Contingencies</b>	<b>15.00</b>
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)	<b>6.00</b>
B	POL, repair of vehicles, tractor and equipments	<b>1.00</b>
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)	<b>2.00</b>
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	<b>00.50</b>

<i>E</i>	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	<b>2.00</b>
<i>F</i>	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	<b>2.00</b>
<i>G</i>	Training of extension functionaries	<b>1.50</b>
<i>H</i>	Maintenance of buildings	<b>0.00</b>
<i>I</i>	Establishment of Soil, Plant & Water Testing Laboratory	<b>0.00</b>
<i>J</i>	Library	<b>0.00</b>
<b>25.1</b>	<b>TOTAL Recurring Contingencies</b>	<b>15.00</b>
<b>25.2</b>	<b>Non-Recurring Contingencies</b>	<b>-</b>
25.2.1	<b>Works</b>	<b>-</b>
25.2.2	<b>Equipments including SWTL &amp; Furniture</b>	<b>-</b>
25.2.3	<b>Vehicle</b> (Four wheeler/Two wheeler, please specify) <b>(Two wheeler)</b>	<b>0.90</b>
25.2.4	<b>Library</b> (Purchase of assets like books & journals)	<b>-</b>
<b>25.2</b>	<b>TOTAL Non-Recurring Contingencies</b>	<b>0.90</b>
<b>25.3</b>	<b>REVOLVING FUND</b>	<b>-</b>
<b>25.4</b>	<b>GRAND TOTAL</b>	<b>116.8</b>