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ICAR – ATARI, Pune ANNUAL ACTION PLAN OF KVK – MORBI (1stJanuary, 2022 to 31st December, 2022)

1. GENERAL INFORMATION ABOUT THE KVK

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,	Office	FAX		
Junagadh Agricultural				
University, Morbi	02022 224052		kvkmorbi@gmail.com	<u>www.jau.in</u>
Dist Morbi	02822-224853	-		
(Gujarat) – 363641				

1.2 Name and address of host organization with Phone, Fax and E-mail:

Address	Teleph	none	E mail	Website
Address	Office	FAX	12 man	address
Junagadh Agricultural University, Junagadh (Gujarat)	0285-2672080	0285-2672653	<u>dee@jau.in</u>	<u>www.jau.in</u>

1.3 Name of the Senior Scientist and Head with Phone, Mobile No.and E-mail :

Name	Telephone / Contact			
	Mobile	Office	E mail	
Dr. L. L. Jivani	94269 72590	02822-224853	<u>lljivani@gmail.com</u>	

1.4 Year of Sanction: 2017 (Grant & Staff from March-2017)

1.5 Faculty Information : (as on December 31, 2021)

				If Permanent, Plea	ase indicate		If Temporary,
No	Sanctioned post	Name of the incumbent	Discipline	Current Pay Band	Current Grade Pay	Date of joining	pl. indicate the consolidated amount paid (Rs./month)
1.	Senior Scientist and Head	Dr. Lalji L. Jivani	Genetics & Plant Breeding	131400 - 217100	UL – 13A	01/12/20	-
2.	Subject Matter Specialist	D. A. Saradava	Plant Protection	57700 - 182400	UL - 10	01/03/17	-
3.	Subject Matter Specialist	Smt. Hetal H. Padsumbiya	Home Science	57700 - 182400	UL - 10	01/04/21	-
4.	Subject Matter Specialist	Vacant	-	-	-	-	-
5.	Subject Matter Specialist	Vacant					
6.	Subject Matter Specialist	Vacant	-	-	-	-	-
7.	Subject Matter Specialist	Vacant	-	-	-	-	-
8.	Agriculture Officer	Gamansinh S. Zala	B.Sc. Agri.	Fix Pay	Fix Pay	03/08/18	-
9.	Programme Assistant	Vacant	-	-	-	-	-
10.	Computer Programmer	R. R. Sida	B.C.A.	Fix Pay	Fix Pay	01/04/19	-
11.	Farm Manager	Vinuji V. Thakor	B.Sc. Agri.	Fix Pay	Fix Pay	31/07/18	-
12.	Accountant / Superintendent	Niraj P. Vaidya	B.Sc.	39900 - 126600	L-7	01/03/20	-
13.	Stenographer	Vacant	-	-	-	-	-
14.	Driver 1	Vacant	-	-	-	-	-
15.	Driver 2	Vacant	-	-	-	-	-
16.	Supporting staff 1 & 2	Vacant	-	-	-	-	-

1.6 Total land with KVK (in ha): 26.2 ha. :

Sr. No.	Item	Area (ha)
1	Under Buildings and Road	2.0 ha
2.	Under DemonstrationUnits 1.8 ha	
3.	Under Crops	8.0 ha
4.	Horticulture	Nil
5.	Others (Barren submerged under Machchhu-3 dam , Bund and Water drain)	14.4 ha
	Total	26.2 ha

1.7 Infrastructural development:

A. Buildings:

				Stage				
			Source of Complete				Incomplete	
No.	Name of building	funding	Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	KVK	2019-20	575.32	143.00 Lacs	-	-	-
2.	Farmers Hostel	KVK	2019-20	443.96	61.00 Lacs	-	-	-
3.	Staff Quarters (6)	-	-	-	-	-	-	-
4.	Demonstration Units (1) Azola Unit	SAU	2019-20	18.0	10000/-	-	-	-
5	Fencing	JAU	2017-18	4535	7,95,480/-	-	-	-
6	Rain Water harvesting system	-	2018-19	-	2,00,000/-	-	-	-
7	Threshing yard	JAU	2020-21	400	3,15,838/-	-	-	-
8	Farm godown	-	-	-	-	-	-	-
9	ICT lab	-	-	-	-	-	-	-
10	Roof Rain Water harvesting structure	SAU	2019-20	1.40 lac ltr.	4.6 Lacs	-	-	-

B. Vehicles:

Type of vehicle	Year of purchase	Cost (Rs.)	Present status
Tractor Massey DI-241	2017	607137/-	Working
Tractor Mini Trishul 10 H.P.	2007	183000/-	Working
Tractor Trailer Mini Trishul	2007	47000/-	Working
Mahindra Bolero	2019	80000/-	Working

C. Equipments & AV aids:

Name of the equipment / Implements	Year of purchase	Cost (Rs.)	Present status
Computer System Acer 18.5	2017	34115/-	Working
Computer System Acer 18.5	2017	34115/-	Working
Printer MF 3010 canon	2017	10266/-	Working
Printer LBP 6230 canon	2017	8761/-	Working
Computer System SIS Agiledag-2277 LG	2010	24210/-	Working
Computer System Intel core i3 processor HCL		34569/-	Working
Printer MF 4350d canon		14327/-	Working
Xerox Machine RICHO Digital	2013	113755/-	

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

Sl.No.	Particulars	Proposed date of meeting
1	Scientific Advisory Committee – Meeting 1	26/03/2018
2	Scientific Advisory Committee – Meeting 2	19/03/2019
3	Scientific Advisory Committee – Meeting 3	12/03/2020
4	Scientific Advisory Committee – Meeting 4	10/02/2021
5	Scientific Advisory Committee – Meeting 5	10/03/2022
6	Scientific Advisory Committee – Meeting 6	10/03/2023

2. DETAILS OF JURISDICTION AREA UNDER KVK (No. of talukas)

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

S. No	Farming System/Enterprise				
1	Cotton-Wheat/Cotton-Cumin/Groundnut-Wheat/Groundnut-Cumin/Cotton-Summer Sesame				
2	Animal husbandry – crop based enterprise /Dairy product				
3	Farm Waste Management/ Crop residue management				
4	Value addition in Groundnut/ Sesame				

2.2 Description of Agro-climatic Zone & major agro ecological situations:

A. Soil Type:

No.	Agro-climatic Zone	Characteristics
1	North Saurashtra Agro Climatic Zone, Morbi,Wankaner and Tankara (Agro –	Semi arid – region with annual rainfall 550 - 600 mm. Maximum t–mp – 44°C, Minimum range – 5 to 12°C & high evaporation
2	(mi) and Halvad block	Arid to semi arid region with annual rain fall -500 to 550 mm maximum temp - 45°C, Minimum ran–e -3 to 12°C & high evaporation

B. Topography:

No.	Agro ecological situation	Characteristics
1	Situation No. 7	Plain & hilly areas in Wankaner Tehsil.

2.3. Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Medium black clayey	Low in organic carbon, heavy cracking and clod formation	202.4
2	Alluvial Soil (sand-loam lomy)	Low fertility status, high infiltration rate	91.8
3	Hilly Soil (light)	13.6	
4	Silty Soil (loomy)	Low infiltration rate, water logging, difficult to cultivate	5.5

2.4. Area, Production and Productivity of major crops cultivated in the district (2020-21)

S. No	Сгор	Area (ha)	Production (M. T.)	Productivity (kg/ha)				
1	Groundnut	41294	77329	1800				
2	Cotton (Bt)	147592	220919	1497				
3	Pearl millet	456	373	817				
4	Sesame	13982	6574	470				
5	Castor	22878	49284	2154				
6	Green gram	1488	730	491				
7	Black gram	5905	3767	638				
8	Vegetable	2726	66820	24512				
9	Fodder	24837	575159	23157				
10	Wheat	26665	118427	4441				
11	Gram	5045	9618	1906				
12	Cumin	14480	30 11013 761					

Authentic Source (State / Central Govt.): State

2.5. Weather data (2021)

Month	Rainfall (mm)	Temper	rature 0 C	Relative Humidity (%)		
WIOIIII	Kaiman (iiiii)	Maximum	Minimum	Maximum	Minimum	
June	28	38.1	25.9	79.9	51.6	
July	235.8	34.9	25.5	83.2	62.9	
August	13	33.8	23.9	84.9	61.1	
September	270.1	31.2	24.1	91.8	79.8	
October	0	33.1	20.1	74.2	44.6	
Total	546.9	-	-	-	-	

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district (Ref. Year 2020-21)

Category	Population	Production	Productivity
Cattle			
Crossbred	140476		12 lit/Day
Indigenous			
Buffalo	173285		17 lit/Day
Sheep	93747		
Goats	65880		
Pigs	-		
Crossbred			
Indigenous			
Rabbits	79		
Poultry			
Hens	1000000		3 kg/Bird
Desi			
Category		Production (Q.)	Productivity
Fish (Reservoir)			

2.7. Priority thrust areas:

Crop/Enterprise	Thrust area
Groundnut, Sesame etc	Increasing the productivity of the major crops by adopting recommendation of dry farming technologies and to create awareness for value addition.
Water conservation	<i>In situ</i> soil moisture conservation and rainwater harvesting. Use of cotton stalk for organic manure.
Cotton	Motivating cotton growers to adopt IPM and INM practices for reducing the cost of production.
Women empowerment	Providing self employment through skill oriented income generating activities
Agriculture	Developing interest among youth for agriculture as a profession.
Horticulture	Value addition in agriculture produces through proper grading, processing, marketing and information technology.
Income generating activities	Self employment among rural youth and skill oriented income generating activities.
Nutrition management	Care and importance of nutrition in children & pregnant women.
Spices crop	Adopt recommended practice of IDM in spices crop i.e. cumin & ajwain.

2.8. Details of operational area / villages:

Village	L	and(ha)		Pop	ulation		Anin	nal		Ι	Major Crop)	Major
Village	Unirrigate	Irrigated	Total	Male	Female	Cow	Buffalo	Ship	Goat	Name	Area(ha)	Productivity	Problems
										Groundnut	125	1300-1500	- Low
										Cotton	125	1400-1600	productivity of almost all crop
Palas (Wankaner)	228	75	347	413	315	700	750	180	280	Sesame	20	600-700	than dist. aveg. -Stem root &
(Wheat	30	3300-3500	White grub in groundnut.
										Cumin	20	600-700	-Pink ball in cotton.
										Groundnut	625	1800-2000	
										Cotton	600	1500-1700	-Low productivity of almost all crop
Panchasia					680	300				Sesame	175	800-900	
	426	1000	1426	720			1700	COO	100	Wheat	400	3800-4000	than dist. aveg.
(Wankaner)		1000	1426	720			1700	600	190	Cumin	150	800-900	-Stem root & White grub in groundnut. -Pink ball in cotton.
										Chickpea	300	2000-2200	
										Garlic+Onion	150	7000-7500	
										Othesr	25	3500-4000	
										Groundnut	50	1800-2000	-Low productivity of
										Cotton	200	1700-1900	all crop due light soil.
Shekhradi (Wankaner)	237	237 152	152 389	504	482	259	483	-	10	Sesame	50	600-700	-Stem root in groundnut. -Pink ball warm
										Fodder	89	700-800	in cotton. -Phytopthora blight in cumin

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										Groundnut	200	1900-2200	-Stem root in groundnut.
										Cotton	300	1500-1700	-Pink ball warm in cotton. -Blight and wilt
Amarsar	214	250	576	001	070	1.00	490	200	200	Cumin	100	900-1000	in cumin. -Soft root in
(Wankaner)	314	258	576	891	870	120	490	300	200	Onion	100	3000-3300	onion. -Tip burning in garlic.
										Wheat	50	3600-3800	-Phytopthora blight in sesame.
										Others	76	-	-Para wilt in cotton.
										Groundnut	600	1900-2200	-Stem root in groundnut.
										Cotton	1200	2000-2200	-Pink ball warm
										Sesame	50	800-900	in cotton. -Blight and wilt
										Wheat	100	3200-3300	in cumin.
Pipaliyaraj (Wankaner)	1300	681	1981	2075	2043	200	2250	250	150	Cumin	100	800-900	-Soft root in onion. -Tip burning in
(walikalier)										Chickpea	250	1800-2200	garlic.
										Garlic+Onion	50	3800-4000	-Phytopthora blight in sesame.
										Castor	50	2500-3000	-Para wilt in cotton.

Otala (Tankara)	560	720	1280	1663	1587	35	70	550	271	Groundnut Cotton Sesame Wheat Cumin Chickpea	600 580 80 150 250 150	2400-2500 2200-2500 800-1000 4500-5000 800-1000 2800-3000	 Stem root in groundnut. Pink ball warm in cotton. Blight and wilt in cumin. Tip burning in garlic. Phytopthora blight in sesame.
										Garlic	50	7000-7200	-Para wilt in cotton.
										Groundnut	440	2300-2500	-Stem root in
										Cotton	300	2400-2600	groundnut. -Pink ball warm in
Saraya (Tankara)				728	725	290) 117	1200	230	Sesame	10	800-1000	cotton.
	350	50 416	766							Wheat	100	4800-5000	-Blight and wilt in
(Talikara)										Cumin	100	700-800	cumin.
										Chickpea	200	2400-2500	-Phytopthora blight in sesame.
										Others	15	-	-Para wilt in cotton.
										Groundnut	1300	1800-2200	-Stem root in
										Cotton	1110	2000-2200	groundnut. -Pink ball warm in
										Wheat	100	4000-4200	cotton.
Neknam	700	176	2461	1801	1735	337	620	670	160	Chickpea	200	2800-3000	-Blight and wilt in cumin.
(Tankara)	700	170	2401	1001	1755	557	020	070	100	Cumin	75	700-800	-Soft root in onion. -Tip burning in
										Sesame	50	800-900	garlic. -Phytopthora blight
										Garlic-Onion	75	-	in sesame. -Para wilt in cotton.

										Groundnut	180	2400-2500	-Stem root & white
										Cotton	180	2100-2200	grub problem in
										Sesame	150	900-1000	groundnut.
L alsh dhinaa dh					518					Pulses	90	800-900	-Pink ball worm problem in cotton.
Lakhdhirgadh (Tankara)	576	20	596	536		188	243	-	-	Wheat	160	4000-4200	-Phytopthora blight
(Talikala)										Chickpea	150	3000-3200	in sesame.
										Cumin	60	700-900	-Wilt & blight in cumin.
										Others	20	-	-Soft root in onion.
										Groundnut	450	2500-2700	-Wilt and stunt
										Cotton	350	2000-2200	disease in
										Sesame	50	800-1000	chickpea.
Bhutkotda	533	350	883	882	823	200	100	700	300	Garlic+Onion	25	3500	
(Tankara)	555	550	005	002	025	200	100	700	500	Wheat	100	6000-7000	
										Chickpea	150	800-900	
										Cumin	50	3800-4200	
										Others	30	2500-2800	

Chakamapar (Maliya)	425	1207	1001	1207	233	346	720	207	Groundnut Cotton Cumin Chickpea Wheat	502 270 200 100 225	1800-2000 1700-2000 750 2250 4100	 Pink ball warm in cotton. White grub in groundnut. Wilt & blight in cumin. FMP
Jivapar (Maliya)	310	1040	1021	956	109	256	196	55	Groundnut Cotton Cumin Chickpea Wheat Sesame Garlic	780 350 75 100 200 60 50	1800-2000 1800-2000 850 2200-2400 3800-4200 1200 -	 Pink ball warm in cotton. White grub in groundnut. Wilt & blight in cumin. FMP
Kharachia (Maliya)	12	870	797	779	200	365	371	112	Cotton Ajwain Pigeonpea Groundnut Sesame	 500 150 50 60 60 	1000-1050 (R.F.) 750 (R.F.) 1200 (R.F.) 1000-1100 (R.F.) 600-750 (R.F.)	 Pink ball warm in cotton. White grub in groundnut. Wilt & blight in cumin. FMP

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									Groundnut	260	1250	-Low yield of groundnut due to
									Cotton	245	1670	salinity problem.
Thorala (Maliya)	388	434	852	785	110	398	150	35	Cumin	60	780	-Pink ball warm in cotton.
									Chickpea	70	2200	-Phytophora blight in sesame.
									Sesame	50	700	-FMP in
									Groundnut	500	1500-1600	D: 1 1 11
									Cotton	450	1700-2000	-Pink ball warm in cotton.
									Sesame	250	700-800	-White grub in
Andarana	1322	1780	1220	1180	100	300	200	400	Wheat	200	4000-4200	groundnut.
(Maliya)	1522	1700	1220	1100	100	500	200	100	Chickpea	200	1800-2000	-Wilt & blight in
									Garlic	60	7000-7200	cumin.
									Onion		35000- 40000	-FMP

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			
4	12	28.00	70			

Т	raining	Extension Activities				
	(3)	(4)				
Number of Courses	Number of Participants	Number of activities	Number of participants			
32	835	16	56			

Seed	Production	(Qtl.)	Planting material (Nos.)	Fish seed prod. (No's)	Soil Samples
	(5)		(6)	(7)	(8)
Сгор		Qua.(KG)			
Groundnut	GJG-32	20			
Black gram	GU-2	08			
Chickpea	GG-5	10	100	-	100
Cumin	GC-4	12			
Ajwain	GA-2	05			
Onion	GWO-3	01			

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	Bt. Cotton	. Cotton Sucking Pest, Para Wilt, Pink Boll Worm 1.12.000 ha		Halvad, Tankara,	FLD on pink boll worm management.
		Wilt, Pink Boll Worm 1,12,000 ha		Wakaner, Morbi block	Training on pink boll worm management
2	Groundnut	White Grub Stem Root	42 ()() ha		OFT on White grub management in groundnut. Training on pest and Disease management in groundnut.
3.	Cumin Wilt and Blight 3900 ha		Morbi, Halvad, Maliya	FLD and OFT on Wilt management and also training for IDM in Cumin.	
4	Pomegranate	Seed rot and nematode	1000 ha	Morbi, Halvad and Maliya	Training programmed and crop seminar

3.1. B. Operational areas details proposed during 2022

* Support with problem-cause and interventions diagram

3.2. Technologies to be assessed and refined

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

Thematic areas	Cereals	Oil Seeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation Crops	Tuber Crops	TOTAL
Integrated Pest Management	-	1	-	-	-	-	-	-	-	1
Assessment of New Variety	-	1	-	-	-	-	-	-	-	1
Preservation Techniques with	-	-	1	-	-	-	-	-	-	1
Organic Method										
Disease Management	-	-	-	1	-	-	-	-	-	1
TOTAL	-	2	1	1	-	-	-	-	-	4

A.2. Abstract on the number of technologies to be assessed in respect of livestock / enterprises :- Nil

B. Details of On Farm Trials/ Technology Assessment proposed during 2022

No.	Crop/ enterprise	Prioritized problem	Title of OFT	Technology options	Source of Technology	Name of critical input	Qty per trial	Cost per trial (Rs)	No. of trials	Total cost for the intervention (Rs.)	Para- meters to be studied	Team member
1	Groundnut	Low yield due to infestation of white grub	Management of white grub in groundnut	Sowing of groundnut without seed treatment. Farmers adopt drenching of chlorphyriphos or quinalphos @ 6 lit/ha with irrigation at initiation of pest incidence. (Farmers Practice). Seed treatment with imidacloprid 600 F.S. 4 ml/kg seed. (GAU Reco.2020) Soil application of <i>metarhizium anisoplii</i> @ 5 kg/ha with 300 kg/ha castor cake at the time of sowing (GAU Reco.)	GAU & JAU	Imidacloprid for seed treatment	2 liter	2000/-	3	6000/-	 Yield No. of infested plant in 1 sq.mt. area at 75 days after sowing , BC Ratio 	Shri D.A.Sar adava & Dr. L. L. Jivani
2	Sesame	Low yield of sesame in summer	Assessment of new variety of sesame	G Til – 2 or Local (Farmer Practice). G Til – 3 (JAU Recommendation for summer) G Til – 5 (JAU Recommendation for summer)	JAU	Sesame Seed G Til-3 & G Til-5	2 Kg	300/-	3	900/-	 Yield No. capsules/pl ant 3)Branche s/plant 4) B:C Ratio 	Dr. L. L. Jivani

		Lack of knowledge	Preservation	Use of neem leaves		 Green gram Chick-pea 	4 kg 4 kg				Quality of	
3	3 Preservation techniques	about pulse preservation (damage during storage about 30 to 45 percent)	techniques of different pulses with organic method	Use of castor oil Airtight plastic bag Preservation without any treatment	IRRI-2011	3. Neem leaves4. Castor Oil5. Airtight plastic bag	400 g 40 g 2 bag	150/-	3	450/-	stored grain damage percentages after 60, 90 & 180 days	Dr. K.N. Vadaria
4	Cumin	Fifteen to twenty percent yield reduction in due to blight disease	Minimize the disease intensity through line sowing in cumin crop	Sowing of cumin with broad casting method (Farmer practice) Sowing of cumin at 30cm distance between two raws (Recommended practices.) Sowing of cumin at 15 cm distance between two raws (Intervention).	JAU	Seed of cumin GC-4	6 kg	1200/-	3	3600/-	1) Yield 2) Percentage of incidence of blight disease in 1 sq.mt. area at 75 days after sowing and BC ratio	Shri D. A. Saradva & Dr. L. L. Jivani

3.3. Front Line Demonstrations

A. Details of FLDs to be organized (Oilseeeds, pulses, cereals, cotton, commercial crops, horticulture crops, vegetables, spices and condiments, fodder crops, etc)

No	Сгор	Variety	Thematic Area	Technology For Demonstration	Critical Inputs With Cost (Rs.)	Season And Year	Area (Ha)	No. Of Farmers/ Demon.	Parameters Identified	
1	Groundnut	-	INM	Seed treatment of <i>Rhizobium</i> <i>Leguminosarum</i> Isolated-1 a 10 ml/kg seed	4800/-	Kharif- 2022	8.0 20		Yield, B:C Ratio, Farmers Perception	
2	Gram	GG-5	New Variety	New variety of gram GG – 5 22500		Rabi- 2022-23	4.0	10	Yield, B:C Ratio, Farmers Perception	
3	Cumin	GC - 5	New Variety	New variety of cuminGC – 5	15000/-	N- Rabi- 2022-23 2.0 5		5	Yield & B:C Ratio, Farmers Perception	
4	Sesame	$\mathrm{GT}-\mathrm{5}$	New Variety	New variety of sesamumGT – 5	3000/-	Summer- 2022	4.0	10	Yield, B:C Ratio, Farmers Perception	
5	Pearl Millet	GHB-1231	New Hybrid Variety	New Bio fortified hybrid of Pearl millet, GHB-1231	2000/	Kharif- 2022	2.0	5	Yield, B:C Ratio, Farmers Perception	
6	Cotton	Bt. Cotton	IPM		12000/	Kharif- 2022	4.0	10	Yield, B:C Ratio, Farmers Perception	
	Total				59300/-		28	70		

Demonstrations (CFLDs on O & P / Others) -

S. No.	Сгор	Variety	Season and Year	Area (ha)	No. of farmers
1	Pearl millet	GHB-1129/1236	Kharif-2022	4.0	10
			Total	4.0	10

B. Extension and Training activities under FLDs

S. No.	Activity			Number of participants
1	Field days	2	Aug.	50
2	Farmers Training	1	Sep.	1
3	Media coverage	1	Sep.	-
4	Training for extension functionaries(ATMA-Morbi)		Jul.	35

C. Details of FLD on Enterprises

a. Farm Implements :- Nil

b. Livestock and Fisheries Enterprises :- Nil

c. Other Enterprises (Mushroom, Apiculture, Sericulture, Vermi-compost, Value Addition, Women empowerment, etc) :- Nil

3.4 Training (Including the sponsor and FLD training programmes)

A. On Campus

	No of			No. of	f Part	ticipant	ts	
Thematic Area	No. of Courses		Others	5		SC/ST	۲	Grand
	Courses	Μ	F	Т	Μ	F	Т	Total
(A) Farmers & Farm Women								
I Crop Production								
Importance and use of bio fertiliser	1	22	00	22	03	00	03	25
Différent compost préparation for soil								
application and its application to inhence	1	22	00	22	03	00	03	25
soil fertility								
II Horticulture								
a) Vegetable Crops				1			1	
Raising of vegetable nursery	1	20	04	24	00	01	01	25
Seed production technology in vegetable	1	20	04	24	00	01	01	25
crops	1	20	01	21	00	01	01	20
III Soil Health and Fertility Management				r			r	1
Importance of soil analysis.	1	22	00	22	03	00	30	25
V Home Science/Women empowerment				1				1
Household food security by kitchen	1	00	22	22	00	03	03	25
gardening and nutrition gardening								
Fruits and vegetables preservation	1	00	22	22	00	03	03	25
VII Plant Protection				-				1
Insect pest & disease management in rabi	1	22	00	22	03	00	03	25
crops.	1	- 22		- 22	00			_
Safe and judicious use of pesticides	1	22	00	22	03	00	03	25
Seed treatment for pest and disease	1	22	00	22	03	00	03	25
management in <i>kharif</i> crops.	1	22	00	- 22	02	00	02	25
Pest & disease Managementin <i>kharif</i> crops.	1	22	00	22	03	00	03	25
Practical training for preparation of different		22	00	22	02	00	02	25
component of Natural farming for pest management	1	22	00	22	03	00	03	25
TOTAL	12	216	52	268	24	8	59	300
(B) RURAL YOUTH	14	210	34	200	24	0	39	500
	1	00	25	25	00	05	05	20
Fruits and vegetables preservation						05	05	30
TOTAL	1	00	25	25	00	05	05	30
(C) EXTENSION PERSONNEL								
Integrated pest management in <i>kharif</i> crops	1	34	03	37	03	00	03	40
New recommendation and package of	1	34	03	37	03	00	03	40
practice of rabi crops	I		05	51	05	00	0.5	70
TOTAL	2	68	06	74	06	00	06	80
GRAND TOTAL (A+B+C)	15	284	83	367	30	13	70	410

B. Off Campus

				No. of	' Part	icipant	S	
Thematic Area	No. of		Others			SC/ST		Grand
	Courses	Μ	F	Т	Μ	F	Т	Total
(A) Farmers & Farm Women								
I Crop Production								
Importance and criteria for organic farming	1	22	01	23	02	00	02	25
Role of different macro and micro nutrient	1	22	00	22	03	00	03	25
Importance of soil analysis.	1	21	01	22	03	00	03	25
II Horticulture								
a) Vegetable Crops								
Raising of vegetable nursery	1	00	23	23	00	02	02	25
Scientific cultivation of spices crops.	1	21	01	22	02	01	03	25
III Soil Health and Fertility Management					•		•	
Importance of soil health card and soil & water testing	1	22	01	23	02	00	02	25
Information regarding Bio-fertilizer application in different crops.	1	22	00	22	03	00	03	25
V Home Science/Women empowerment								
Drum stick-A nutritional diet	1	00	22	22	00	03	03	25
Household food security by kitchen gardening and nutrition gardening	1	00	20	20	00	05	05	25
VII Plant Protection								
Insect pest & disease management in <i>rabi</i> crops.	1	22	02	24	01	00	01	25
Store grain pest and their management and precautions	1	21	00	21	04	00	04	25
Seed treatment for pest management in <i>kharif</i> crops.	1	23	00	23	02	00	02	25
Integrated pest & disease management in <i>kharif</i> crops.	1	20	03	23	02	00	02	25
Pest and disease management through different component of Natural farming e.g. Agniastra & Bijamrut		22	01	23	02	00	02	25
Safe and judicious use of pesticide	1	22	00	22	03	00	03	25
Role of predator and parasite in pest management.	1	22	00	22	03	00	03	25
Integrated insect-pest & disease management in horticultural crops	1	25	00	25	00	00	00	25

Pest & disease management in vegetable and horticulture crops	1	23	00	23	02	00	02	25
TOTAL	18	330	76	405	34	11	45	450
(B) RURAL YOUTH								
TOTAL	00	00	00	00	00	00	00	00
(C) EXTENSION PERSONNEL								
TOTAL	00	00	00	00	00	00	00	00
GRAND TOTAL(A+B+C)	18	330	76	405	34	11	45	450

C. Consolidated table (On and Off Campus)

	No. of			No. o	of Part	icipant	S	
Thematic Area	No. of Courses		Others	5		SC/ST	I	Grand
	Courses	Μ	F	Т	Μ	F	Т	Total
(A) Farmers & Farm Women								
I Crop Production								
Importance and use of bio fertiliser	1	22	00	22	03	00	03	25
Différent compost préparation for soil application and its application to inhence soil fertility	1	22	00	22	03	00	03	25
Importance and criteria for organic farming	1	22	01	23	02	00	02	25
Role of different macro and micro nutrient	1	22	00	22	03	00	03	25
Importance of soil analysis.	1	21	01	22	03	00	03	25
II Horticulture				•				
a) Vegetable Crops								
Raising of vegetable nursery	2	20	27	47	00	03	03	50
Seed production technology in vegetable crops	1	20	04	24	00	01	01	25
Scientific cultivation of spices crops.	1	21	01	22	02	01	03	25
III Soil Health and Fertility Management								
Importance of soil analysis.	1	22	00	22	03	00	03	25
Importance of soil health card and soil & water testing	1	22	01	23	02	00	02	25
Information regarding Bio-fertilizer application in different crops.	1	22	00	22	03	00	03	25
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	2	00	42	42	00	08	08	50
Fruits and vegetables preservation	1	00	22	22	00	03	03	25
Drum stick-A nutritional diet	1	00	22	22	00	03	03	25
VII Plant Protection								

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2	4.4	02	10	04	00	0.4	50
Z	44	02	46	04	00	04	50
2	44	00	44	06	00	06	50
2	45	00	45	05	00	05	50
1	22	00	22	03	00	03	25
1	22	00	22	03	00	03	25
1	21	00	21	04	00	04	25
1	20	03	23	02	00	02	25
1	22	01	23	02	00	02	25
1	22	00	22	03	00	03	25
1	23	00	23	02	00	02	25
1	23	00	23	02	00	02	25
30	544	127	671	60	19	106	750
	n	[[
1	00	25	25	00	05	05	30
1	00	25	25	00	05	05	30
(C) EXTENSION PERSONNEL							
1	34	03	37	03	00	03	40
1	34	03	37	03	00	03	40
	(0			0	00		00
2 33	68 612	06	74 770	06 66	00	06	80 860
	2 1 1 1 1 1 1 1 1 1 1 1 1 1	2 44 2 45 1 22 1 22 1 21 1 21 1 20 1 20 1 22 1 23 1 23 1 23 30 544 1 00 1 34	2 44 00 2 45 00 1 22 00 1 22 00 1 21 00 1 20 03 1 20 03 1 22 01 1 22 00 1 23 00 1 23 00 1 23 00 1 00 25 1 00 25 1 34 03 1 34 03	1 02 10 2 44 00 44 2 45 00 45 1 22 00 22 1 22 00 22 1 21 00 21 1 20 03 23 1 22 01 23 1 22 00 22 1 22 00 22 1 22 00 23 1 23 00 23 1 23 00 23 1 00 25 25 1 00 25 25 1 34 03 37 1 34 03 37	11 02 13 01 2 44 00 44 06 2 45 00 45 05 1 22 00 22 03 1 22 00 22 03 1 21 00 21 04 1 20 03 23 02 1 22 01 23 02 1 22 00 22 03 1 22 00 22 03 1 22 00 23 02 1 23 00 23 02 1 23 00 23 02 1 00 25 25 00 1 00 25 25 00 1 34 03 37 03 1 34 03 37 03	1 02 10 01 00 2 44 00 44 06 00 2 45 00 45 05 00 1 22 00 22 03 00 1 22 00 22 03 00 1 21 00 21 04 00 1 20 03 23 02 00 1 22 01 23 02 00 1 22 00 22 03 00 1 22 00 23 02 00 1 23 00 23 02 00 1 23 00 23 02 00 1 00 25 25 00 05 1 00 25 25 00 05 1 34 03 37 03 00	1 0.1 1.0 0.1 0.1 0.0 0.0 0.1 2 44 00 44 06 00 06 2 45 00 45 05 00 05 1 22 00 22 03 00 03 1 22 00 22 03 00 03 1 21 00 21 04 00 04 1 20 03 23 02 00 02 1 22 01 23 02 00 02 1 22 00 22 03 00 03 1 23 00 23 02 00 02 1 23 00 23 02 00 02 1 23 00 23 02 00 02 1 00 25 25 00 05 05 1 00 25 25 00 05 05 1 34 03 37 03 00 03

Details of training programmes attached in Annexure -I

3.5. Extension Activities (including activities of FLD programmes)

	No. of	_	arme		Exten	sion Of			Tota	d
Nature of Extension Activity	activities	M	F	T	M	F	Т	Μ	F	T
Field Day	02	42	6	48	2	-	02	48	2	50
KisanMela	01	500	100	600	30	03	33	530	103	633
Kisan Goshti	10	55	45	100	11	08	19	66	53	119
Exhibition	01	110	45	155	20	20	40	130	65	195
Film Show	21	300	100	400	-	-	-	300	100	400
Farmers Seminar	-	-	-	-	-	_	-	-	-	-
Workshop	_	-	-	-	-	-	_	-	-	-
Group meetings	-	-	-	-	-	-	-	-	-	-
Lectures delivered as resource persons	_	_	-	-	-	-	-	-	-	-
Newspaper coverage	As and whe	en requ	ire							
Radio talks	As and whe	en requ	ire							
TV talks	As and when require									
Popular articles	05	-	-	-	-	-	-	-	-	-
Extension Literature	05	-	-	-	-	_	_	-	-	
Advisory Services	As and whe	en requ	ire							
Scientific visit to farmers field	10	-	-	-	-	_	_	-	-	-
Farmers visit to KVK	07	-	-	-	-	-	-	-	-	-
Diagnostic visits	04	-	-	-	-	-	-	-	-	-
Exposure visits	-	-	-	-	-	-	-	-	-	-
Ex-trainees Sammelan	-	-	-	-	-	-	-	-	-	-
Soil health Camp	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	-	-	-	-	-	-	-	-	-	-
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	01	-	-	-	-	-	-	-	-	-
Farm Science Club Conveners meet	-	-	-	-	-	-	-	-	-	-
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-
MahilaMandals Conveners meetings	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)	07	77	23	100	50	20	70	127	43	170
KrishiMohostava	01	-	-	-	-	-	-	-	-	-
KrishiRath	01	-	-	-	-	_	_	-	-	-
Pre Kharif Workshop	-	-	-	-	-	-	-	-	-	-
Pre Rabi Workshop	-	-	-	-	-	-	-	-	-	-
PPVFRA Workshop	-	-	-	-	-	-	-	-	-	-
Any Other (Specify)	-	-	-	-	-	-	-	-	-	-
Total	76	1084	319	1403	113	51	164	1201	366	1567

3.6. Target for Production and supply of Technological products SEED MATERIALS

Sl. No.	Сгор	Variety	Quantity (qtl.)
OILSEEDS	Groundnut	GJG-32	20
PULSES	Black gram	GU-2	08
IULSES	Chickpea	GG-5	10
OTHER	Cumin	GC-4	12
OTHERS (Specify)	Ajwain	GA-2	05
(Speeny)	Onion	GWO-3	01

PLANTING MATERIALS

Sl. No.	Сгор	Variety	Quantity (Nos.)
FRUITS	Jambu	Ravni	50
VEGETABLES	Drum Stick	Jyoti	50

BIO-PRODUCTS (Sales Only): Nil

LIVESTOCK :- Nil

VALUE ADDED PRODUCTS :- Nil

3.7. Action plan for management of KVK instructional farm

Total land with KVK : <u>26.2 ha</u>

Cultivable land : **9.8 ha** (Irrigated : **<u>7.8 ha</u>**, Rain fed : **<u>2.0 ha</u>**)

Micro-irrigation facility available at KVK : Yes / No. :- No

4. LITERATURE TO BE DEVELOPED/PUBLISHED

A. Literature developed/published

S.No.	Торіс	Number
1	Research papers	01
2	Technical reports	06
3	News letters	04
4	Training manuals	01
5	Popular articles	05
6	Extension literature	05
7	E-publication	-
8	Any other (Please specify)	-
	Total	12

B. Details of Electronic Media to be produced:- Nil

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

C. Details of social media platforms to be started / continued :- Continued

S. No.	Type of social media platform	Title / Purpose	Number
1	YouTube Channel	JAU , Junagadh	1
2	Facebook page	JAU , Junagadh	1
3	Mobile Apps	-	-
4	WhatsApp groups	Information about new technology	
5	Twitter Account	KVK MORBI , JAU – GUJARAT	1
6	Any other (Pl. Specify)	INSTAGRAM - kvkmorbi	1

D. Success stories/Case studies iden–ified for development as a case

(Based on previous years success)

S. No.	Title of success story / case study identified	Proposed month for case/story to be prepared/ developed
1	Crop Diversification	April
2	Value addition	November

5.1 Indicate the Specific Training need Analysis Tools/Methodology followed for

- A. Practicing Farmers Nil
- B. Rural Youth Nil
- C. In-service personnel Nil

5.2. Indicate the Methodology for Identifying OFTs/FLDs For OFT:

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

For FLD:

- i) New variety/technology
- ii) Existing cropping system
- iii) Problems at field level

5.3. Field Activities

i. Name of villages identified/adopted with block name (from which year) -2021

Block	Villages
	Palas
	Panchasia
Wankaner	Shekharadi
	Amarsar
	Pipaliya raj
	Otala
	Saraya
Tankara	Neknam
	Lakhdhirgadh
	Bhutkotda
	Chakampar
	Jivapar
Maliya	Kharachia
	Thorala
	Andarana

- ii. No. of farm families selected per village : 10
- iii. No. of survey/PRA conducted : One / Village
- iv. No. of technologies taken to the adopted villages: 15
- v. Name of the technologies found suitable by the farmers of the adopted villages:

1) White grub management in groundnut (IPM).

- 2) Sucking pest management in cumin.
- 3) Pink ball warm management in cotton (IPM).
- 4) Para wilt management in cotton.
- vi. Impact (production, income, employment, area/technological-horizontal/vertical) To increase the production and productivity.

To increase farm income per area.

To reduce the cost of cultivation.

vii. Constraints if any in the continued application of these improved technologies-No

6. LINKAGES

6.1. Functional linkage with different organizations

Sl.No.	Name of organization	Nature of Linkage (pl. specify)
1	District Agriculture Office (Morbi)	Most of the Organizations are
2	Dy. Director of Agril. Extension (FTC)	members of Scientific Advisory
3	Dy. Director of Horticulture	Committee (SAC) of KVK and
4	Dy. Director of Animal Husbandry	have linkage with different
5	Anandi Sanstha	activities of KVK viz., Training
6	Shree Divya Jyoti Gram Vikas Kelavani Mandal - Morbi	Programme, Khedut Sibir,
7	National Bank for Agriculture & Rural Development	Farmers day, Farmers fair, Film
/	(NABARD)	Show, Ex-training meeting and
8	АТМА	Soil health card etc.
9	Petroleum Conservation of India	
10	District Waterside Development Unit (Morbi)	

6.2. Details of linkage with ATMA

S. No.	Programme	Nature of linkage		
1	Field Visit Field visit for current field problems			
2	Training	Training at village		

6.3. Give details of programmes under National Horticultural Mission

S. No.	Programme	Nature of linkage
1	Training	Training at farmers field with staff of Horticulture department

6.4. Nature of linkage with National Fisheries Development Board :- Nil

6.5. Additional Activities planned including sponsored projects (NARI / DAESI / DAMU / DFI / PKVY / Skill Trainings / TSP / KKA /Seed Hub on Pulses, etc.) schemes during 2021, if involved:- Nil

6.6. Activities planned in respect of FPOs / FPCs :- Nil

6.7. Activities planned in respect of developing Integrated Farming System (IFS) Models on farmers' fields during 2022

S. No	Name of the village	No. of IFS models to be identified / developed	Major components of IFS model
1	Panchasar , Madhapar & Gokulnagar	12	Horticulture, Animal , Pulses & Cereals product

7. Convergence with other agencies & line departments in the district: Nil

8. Innovator Farmer's Meet 2022

Sl. No.	Particulars	Details	Expected No. of participants
1	Farm innovators meet planned – For Pomegranate	November	50

9. Utilization of hostel facilities:- Construction work complete.

10. Details of online activities planned (If any)

S. No.	Type of activities	No. of programmes	Mode of implementation (Video conferencing / Audio Conferencing / Facebook Live / YouTube Live, etc)	No. of participants to be covered
1	Farmers trainings	5		125
2	Farmers scientist's interaction programme	-	Video conferencing / Audio Conferencing /	-
3	Farmers seminars	-	Facebook Live /	-
4	Expert lectures	6	YouTube Live	140
5	Any other (Pl. specify)	-		

11.Details of collaborative applied research projects planned if any :- Nil

Annexure - I

Training Programme

Date	Clientele	Title Of The Training	Duration		No. O rticipa			mber SC/ST		Grand
		Programme	In Days	Μ	F	Т	Μ	F	Т	Total
Crop Prod	uction						•		•	
January	PF	Importance and use of bio fertiliser	1	22	00	22	03	00	03	25
January	PF	Différent component préparation for soil application and its application to inhence soil fertility	1	22	00	22	03	00	03	25
Horticultu	re						•			
August	PF	Raising of vegetable nursery	1	20	04	24	00	01	01	25
October	PF	Seed production technology in vegetable crops	1	20	04	24	00	01	01	25
Live Stock	Productio	n Nil					•		•	
Agri. Engi	neering	:-Nil								
Home Scie	nce									
March	FW	Household food security by kitchen gardening and nutrition gardening	1	00	22	22	00	03	03	25
November	FW	Fruits and vegetables preservation	1	00	22	22	00	03	03	25
Plant Prote	ection									
January	PF	Insect pest & disease management in <i>rabi</i> crops.	1	22	00	22	03	00	03	25
February	PF	Safe and judicious use of pesticides	1	22	00	22	03	00	03	25
May	PF	Seed treatment for pest and disease management in <i>kharif</i> crops.	1	22	00	22	03	00	03	25
August	PF	Pest & disease Managementin <i>kharif</i> crops.	1	22	00	22	03	00	03	25
September	PF	Practical training for preparation of different component of Natural farming for pest management	1	22	00	22	03	00	03	25
Fisheries –	Nil	· · · · · · · · · · · · · · · · · · ·				•		•		•
Soil Health	1									
December	PF	Importance of soil analysis.	1	22	00	22	03	00	30	25

i) Farmers & Farm women (On Campus)

Date	Clientele	Title Of The Training	Duration In Days		mber ticipa			mber SC/ST		Grand Total
		Programme	III Days	Μ	F	Τ	Μ	F	Τ	Total
Crop Prod	uction			-						
February	PF	Importance and criteria for organic farming	1	22	01	23	02	00	02	25
October	PF	Role of different macro and micro nutrient	1	22	00	22	03	00	03	25
April	PF	Importance of soil analysis.	1	21	01	22	03	00	03	25
Horticultu	re									
August	FW	Raising of vegetable nursery	1	00	23	23	00	02	02	25
January	PF	Scientific cultivation of spices crops.	1	21	2	22	02	01	03	25
Soil Health	l									
February	PF/FW	Importance of soil health card and soil & water testing	1	22	1	23	2	00	2	25
July	PF	Information regarding Bio- fertilizer application in different crops.	1	22	00	22	03	00	03	25
Agri. Engi	neering: Ni		•				•		•	
Home Scie										
May	FW	Drum stick-A nutritional diet	1	00	22	22	00	03	03	25
June	FW	Household food security by kitchen gardening and nutrition gardening	1	00	20	20	00	05	05	25
Plan Prote	ction				1					
January	PF	Insect pest & disease management in <i>rabi</i> crops.	1	22	02	24	01	00	01	25
February	PF	Store grain pest and their management and precautions	1	21	00	21	04	00	04	25
May	PF	Seed treatment for pest management in <i>kharif</i> crops.	1	23	00	23	02	00	02	25
July	PF	Integrated pest&disease management in <i>kharif</i> crops.	1	20	03	23	02	00	02	25
August	PF	Pest and disease management through different component of Natural farming e.g.Agniastra&Bijamrut	1	22	01	23	02	00	02	25
September	PF	Safe and judicious use of pesticide	1	22	00	22	03	00	03	25
October	PF	Role of predator and parasite in pest management.	1	22	00	22	03	00	03	25
November	PF	Integrated insect-pest & disease	1	25	00	25	00	00	00	25

II) Farmers & Farm women (Off Campus)

		management in horticultural crops								
December	PH	Pest & disease management in vegetable and horticulturecrops	1	23	00	23	02	00	02	25
Fisheries –	Nil									

III) Vocational training programmes for Rural Youth

Duration	Clientele	Title Of The Training	Duration In Days		No. O rticipa			mber SC/ST		Grand Total
		Programme	III Days	Μ	F	Т	Μ	F	Т	10141
3 Days	FW/RY	Fruits and vegetables preservation	1	00	25	25	00	05	05	30

IV) Training programme for extension functionaries

Date	Clientele	Title Of The Training	Duration In Days	No. Of Participants				mber SC/ST	-	Grand Total
		Programme	III Days	Μ	F	Т	Μ	F	Т	Totai
On Campus										
June	PF	Integrated pest management in <i>kharif</i> crop	1	34	03	37	03	00	03	40
October	PF	New recommendation and package of practice of rabi crops	1	34	03	37	03	00	03	40

V) Sponsored programmes

Discipline	Sponsoring	Clientele	Title Of The Training	No. Of		No. O ticipa			mber SC/SZ	-	G.
	Agency		Programme	Course	Μ	F	Т	Μ	F	Т	Total
a) Sponsore	d Training Pr	ogramme									
Plant Protection	ATMA- Morbi	PF	Management of macro and micro nutrient in organic farming	1	23	00	23	02	00	02	25
Plant Protection	ATMA-Staff	PF	Different IPM modules for relevant crops.	1	24	00	24	01	00	01	25
Plant Protection	DAO-Morbi	PF	Insect & disease management through seed treatment.	1	25	00	25	00	00	00	25
Horticulture	ATMA- Morbi	PF	Scientific cultivation of spices crops.	1	21	00	21	04	00	04	25
Horticulture	Reliance	PF	Improved varieties and	1	24	00	24	01	00	01	25

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	Foundation		their characteristic of								
	1 oundurion		vegetable crops developed by SAUs								
Crop Production	ATMA- Morbi	PF	Different criteria for organic farming	1	22	01	23	02	00	02	25
Crop Production	ATMA- Morbi	PF	Importance and use of bio fertilizer	1	22	00	22	03	00	03	25
Home Science	Horti. department	FW	Household food security by kitchen gardening and nutrition gardening	1	00	25	25	00	00	00	25
Home Science	Horti. department	FW	Value addition in fruits and vegetables	1	00	25	25	00	05	05	30
			Total	9	161	48	209	16	05	21	225
b) Sponsore	d Research Pr	ogramme	e – Nil			1	I		I	I	
c) Any Spec	ial Programm	es – Nil									

Annexure - II

Details of Budget Estimate (2022-23) based on proposed action plan

No.	Particulars	BE 2022-23 proposed (Rs.)(Lac)
1.1	Recurring Contingencies	
1.1.1	Pay & Allowances	84.00
1.1.2	Traveling allowances	01.00
1.1.3	Contingencies	22.70
A	Stationery, telephone, postage and other expenditure on office running, publication of newsletter and library maintenance (purchase of news paper& magazines)	07.00
В	Pol, repair of vehicles, tractor and equipments	04.00
С	Meals/refreshment for trainees (ceiling upto rs.40/day/trainee be maintained)	03.00
D	Training material (posters, charts, demonstration material including chemicals etc. Required for conducting the training)	01.00
Ε	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)	01.00
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)	01.00
G	Training of extension functionaries	00.50
H	Maintenance of buildings	-
Ι	Establishment of soil, plant & water testing laboratory	05.00
J	Library	00.20
1.1	TOTAL Recurring Contingencies	107.70
1.2	Non-Recurring Contingencies	
1.2.1	Works	50.00
1.2.2	Equipments Including SWTL & Furniture	21.00
1.2.3	Vehicle (Four wheeler/Two wheeler, please specify)	00.75
1.2.4	Library (Purchase of assets like books & journals)	00.20
1.2	TOTAL Non-Recurring Contingencies	91.75
1.3	REVOLVING FUND	-
1.4	GRAND TOTAL	199.45