

ANNUAL ACTION PLAN

Year: 2015-16

Krishi Vigyan Kendra

Mehsana District Education Foundation

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PERIOD – April 2015 to March, 2016

Summary of the activities

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
Mehsana	OFTs	8	91			
Mehsana	FLDs – Oilseeds (activity in ha)	20	48			
Mehsana	FLDs – Pulses (activity in ha)	10	24			
Mehsana	FLDs – Cotton (activity in ha)	15	37			
Mehsana	FLDs – Other than Oilseed and pulse crops(activity in ha)	70	170			
Mehsana	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	90	90			
Mehsana	Training-Farmers and farm women	61	1270			
Mehsana	Training-Rural youths	21	425			
Mehsana	Training- Extension functionaries	3	60			
Mehsana	Extension Activities	374	0			
Mehsana	Seed Production (Number of activity as seeds in quintal)	40	0			
Mehsana	Planting material (Number of activity as quantity of planting material in quintal)	0	0			
Mehsana	Seedling Production (Number of activity as number of seedlings in numbers)	2010000	0			
Mehsana	Sapling Production (Number of activity as number of sapling in numbers)	0	0			
Mehsana	Other Bio- products (No. of quantity)	0	0			
Mehsana	Live stock products	0	0			
Mehsana	Activities of Soil and Water Testing Laboratory	330	330			
Mehsana	Rainwater Harvesting System	0	0			
Mehsana	Kisan Mobile Advisory (KVK-KMA)	50	10100			

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
Mehsana	SAC Meeting (Date & no. of core/ official members)	11-12-15	30			
Mehsana	Literature to be Developed/Published	4	8000			
Mehsana	Convergence programmes / Sponsored programmes	2	40			
Mehsana	Utilization of Farmers Hostel	6	120			
Mehsana	Utilization of Staff Quarters	6	6			
Mehsana	Details of KVK Agro-technological Park	0	0			
Mehsana	Crop Cafeteria-	0	0			
Mehsana	Farm Innovators- list of 10 farm innovators from the District	10	10			
Mehsana	Status of Revolving Funds	0	0			11.98
Mehsana	Awards and Recognitions	0	0			
Mehsana	Case study / Success Story to be developed	1	1			
Mehsana	KVK Progressive Farmers interaction	1	1			
Mehsana	Outreach of KVK in the District (No. of blocks, no. of villages)	10	150			
Mehsana	Technology Demonstration under Tribal Sub Plan	0	0			
Mehsana	KVK Ring	26	26			
Mehsana	Important visitors to KVK	0	0			
Mehsana	Status of KVK Website	1	3000			
Mehsana	Status of RTI	0	0			
Mehsana	E-connectivity	0	0			
Mehsana	Details of Technology Week Celebrations	1	300			
Mehsana	Interventions on Drought Mitigation	0	0			
Mehsana	Proposal of NAIP	0	0			
Mehsana	Proposal of NICRA	0	0			
Mehsana	Well labeled photographs	50	50			
Mehsana	Other Activities	0	0			

1. GENERAL INFORMATION

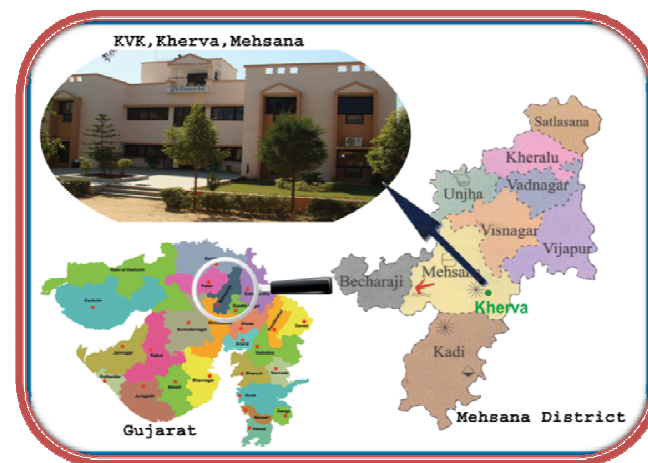
1.1. Staff Position (as on date)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/Others)
Mehsana	Programme Coordinator	Dr. M. V. Patel	Horticulture	Ph.D	Fruits Science	PB-3 15600-39100	24170	19-03-2012	Permanent	Others
Mehsana	Subject Matter Specialist1	Dr. S.M. Soni	Animal Science	M.V.Sc	Vet. Gynecology	PB-3 15600-39100	21220	23-01-2006	Permanent	Others
Mehsana	Subject Matter Specialist2	Shri. B.K. Patel	Agronomy	M.Sc	Agronomy	PB-3 15600-39100	22280	17-02-2006	Permanent	Others
Mehsana	Subject Matter Specialist3	Dr. R.A.Patel	Plant Protection	Ph.D	Entomology	PB-3 15600-39100	18950	29-08-2009	Permanent	Others
Mehsana	Subject Matter Specialist4	Shri. M.R.Patel	Ext. Edu	M.Sc	Ext.Edu	PB-3 15600-39100	16880	09-04-2012	Permanent	OBC
Mehsana	Subject Matter Specialist5	Vacant	Home Sci.	-	-	-	-	-	-	-
Mehsana	Subject Matter Specialist6	Vacant	Agril. Engg	-	-	-	-	-	-	-
Mehsana	Programme Assistant	Ku. Rina. R. Patel	Home Science	M.Sc	Home. Sci. Ext. Edu	PB-2 9300-34800	12550	29-08-2009	Permanent	Others
Mehsana	Farm Manager	Shri. A.R. Patel	Agriculture	B.Sc		PB-2 9300-34800	14120	01-04-2006	Permanent	Others
Mehsana	Computer Programmer	Shri. A.D. Patel	Computer Science	PGDC A		PB-2 9300-34800	14120	29-05-2006	Permanent	Others
Mehsana	Accountant superintendent /	Shri. J.M. Patel	Account	M.Com		PB-2 9300-34800	12550	01-09-2009	Permanent	PH
Mehsana	Stenographer	Shri. G.C. Rathod	Steno	B.Com		PB-1 5200-20200	10120	01-06-2006	Permanent	OBC
Mehsana	Driver	Shri. G. S. Patel	-	S.S.C.		PB-1 5200-20200	8250	01-04-2006	Permanent	Others
Mehsana	Driver	Shri K.G. Patel	-	H.S.C		PB-1 5200-20200	8250	25-09-2006	Permanent	Others
Mehsana	Supporting staff	Shri. S. M. Patel	-	I.T.I.		PB-1 5200-20200	7100	18-05-2006	Permanent	Others
Mehsana	Supporting staff	Shri. M.H. Patel	-	I.T.I.		PB-1 5200-20200	7100	18-05-2006	Permanent	Others

1.2. DISTRICT PROFILE (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)–

Maps of Mehsana:

Mehsana District is situated in North part of Gujarat. The district is encompassed by 23.02 and 24.09 North Latitude & 71.21 and 75.52 East Longitude. It has common boundaries with five other district of Gujarat State. The District is surrounded by Banaskantha District in North, Ahmedabad and Patan District in South & West respectively and Sabarkantha and Gandhinagar District in East. The geographical area of the Mehsana district is 4393.74 sq.kms. The district is divided into ten Talukas.



1.2.1 Population : Mehsana had a total population of 2,027,727 out of which Males constitute 1053337 (51%) and females 974390 (49%) of the total population. Mehsana has an average literacy rate of 84.26% with male literacy of 91.88 %, and female literacy of 76.12 %. In Mehsana, 11% of the population is under 6 years of age. Density of district is 462 sq.km and ranked 10th among the state India. Sex ratio of the district 925 and position in state is 17.

Details of taluka wise population (Census 2011)

Sr. No	Taluka	Total Population 2011			Urban Population 2011			Rural Population 2011		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	Satlasana	46036	43510	89546	0	0	0	46036	43510	89546
2	Kheralu	68968	64810	133778	11312	10531	21843	57656	54279	111935
3	Unjha	91093	84446	175539	29767	27341	57108	61326	57105	118431
4	Visnagar	136329	125917	262246	40181	36572	76753	96148	89345	185493
5	Vadnagar	74437	71008	145445	14097	13693	27790	60340	57315	117655
6	Vijapur	133713	123986	257699	18222	16896	35118	115491	107090	222581
7	Mehsana	277094	252722	529816	106357	95383	201740	170737	157339	328076
8	Becharaji	51152	48436	99588	6540	6034	12574	44612	42402	87014
9	Kadi	177698	163709	341407	42869	38535	81404	134829	125174	260003
	Total	1056520	978544	2035064	269345	244985	514330	787175	733559	1520734

1.2.2 Natural resources:

i) Rivers:

There are four minor and major rivers are flowing from the district, from which, Sabarmati and *Saraswati* are major and *Khari* and *Rupen* are the minor rivers of the district.

ii) Mountains and hills:

Arravalli and *Tarnga* hills are located in the northern side of the district.

iii) Soils:

The soils of the district mainly divided in four major groups.

- Black and sandy loam : Kadi
- Sandy loam, Rocky, and sandy : Kheralu, Vadnagar, Satlasana and Unjha
- Sandy loam, Sandy : Visnagar, Vijapur, Mehsana
- Black and Salty : Bechraji

Details of soil type of the district

Sr. No	Soil type	Area covered (ha)
1	Medium black	64500
2	Sandy loam	259700
3	Sandy	28900
4	Saline / salt affected	81900
	Total	435000

iv) Ground water and its quality:

The ground water level of the district is about 650-800 ft. The quality of the under ground water is poor. The excess irrigation to the crop has badly affected to soil fertility and productivity.

1.2.3 Details of irrigation sources

Source of irrigation	Area (ha)
By Canal	38000
By well or tube well	178100
By tank	70
Other source	0

1.2.4 : Land use pattern of the district (Area in ha.)

Sr. No	Taluka	Forest Area	Non agri use land	Total Cultivable Land	Waste Land	Permanent pastures	Geographical Area	% age of Cultivable Land
1	Satlasna	6300	1167	15040	1736	2693	30849	48.75
2	Kheralu	0	3132	26872	308	2310	33438	80.36
3	Unjha	0	2900	26060	505	1547	31668	82.29
4	Visnagar	0	3614	40708	209	2886	47996	84.82
5	Vadnagar	0	2596	24998	430	1472	31132	80.3
6	Vijapur	875	2698	40507	1223	3386	56334	71.91
7	Mehsana	0	6198	71501	70	4845	83265	85.87
8	Becharaji	0	3318	33725	391	2719	41381	81.5
9	Kadi	0	5900	69931	371	5001	83090	84.16
Total		7175	31523	349342	5243	26859	439153	79.55

1.2.5 Area, Production and Productivity of major crops cultivated in the district (2011-12)

Sr No	Crop	Area (00' ha)	Production (00'M.T)	Productivity (kg/ha)
1.1	Rice	81.71	204.28	2500
1.2	Bajara – Kharif	260.40	322.9	1240
1.3	Jowar – Kharif	20.10	23.02	1145
1.4	Maize – Kharif	5.85	7.02	1200
1.5	Cereals – Kharif	5.06	8.06	1700
1	Cereals – Kharif Total	373.12	565.28	7785
2.1	Green gram – Kharif	117.14	995.69	850
2.2	Mothbean – Kharif	48.74	392.36	805
2.3	Black gram- Kharif	75.75	537.83	710
2.4	Tur – Kharif	112.60	1114.74	990
2.5	Pulses- Kharif	0.46	2.99	650
2	Pulse – Total Kharif	1100.93	4174.17	19575
3.1	Wheat	708.47	1757.01	2480
3.2	Cereals – other Rabi	8	9	1157
3	Cereals – Total Rabi	716.47	1766.01	3637
4.1	Gram	3.47	37.65	1085
4.2	Pulses – other Rabi	3	2	627
4	Pulse – Total Rabi	1439.41	3571.67	8986
5.1	Bajara- Summer	347	897	2589
5	Bajara – Total	347	897	2589
6.1	Groundnut	34.17	505.72	1480
6.2	Sesamum – Kharif	78.84	248.35	315
6.3	Castor	599.65	13222.3	2205
6.4	Mustard	265.82	2777.82	1045
6	Oilseed Total	1672.48	18548.19	10223
7	Cotton	477.43	9453.11	1980
8	Tobacco – Kharif	46.86	735.7	1570
9	Cluster bean	60	35	586

Source : Krushi bhavan, Gandhinagar

1.2.6 Distribution of area under Horticulture in Mehsana District (2012-13)

Sr. No	Category	Crop	Area	Prod	Productivity
1	Flower	Rose	35	218	6.23
2		Marigold	42	223	5.30
3		Others	15	108	7.20
4	Fruits	Mango	966	5989	6.20
5		Sapota	1121	9248	8.25
6		Citrus	10431	97008	9.30
7		Ber	1895	15350	8.10
8		Guava	743	6858	9.23
9		Pomegranate	484	2130	4.40
10		Papaya	779	29602	38
11		Custard apple	73	82	1.12
12		Aonla	1970	13987	7.10
13		Others	35	000	0000
14		Spices	Cumin	11400	8550
15	Fennel		13945	25380	1.82
16	Garlic		110	627	5.70
17	Coriander		298	402	1.35
18	Fenugreek		571	1308	2.29
19	Isabgol		561	438	0.78
20	Ajawan		578	457	0.79
21	Dill seed		2030	2152	1.06
22	Chilly –Dry			1604	1.15
23	Chilly- green		1395	4464	3.20
24	Vegetable	Potato	7430	179063	24.10
25		Onion	273	5514.6	20.20
26		Brinjal	1992	29481.6	14.80
27		Cabbage	830	13778	16.60
28		Okra	1865	22566.5	12.10
29		Tomato	3310	97016.1	29.31
30		Cauliflower	836	13668.6	16.35
31		Cluster bean	2498	18485.2	7.40
32		Cowpea	868	7638.4	8.80
33		Cucurbits	1540	15554	10.10

Area in Hectares, Production in M.T., Productivity M.T./Ha., Year 2012-13,

Source : Krushi Bhavan, Department of Horticulture, Mehsana

1.2.7 Production and productivity of livestock, Poultry, Fisheries etc. in the district (2010-11)

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	99324	165920 ton	8.24 kg
<i>Indigenous</i>	94300	58429 ton	2.97 kg
Buffalo	561900	474390 ton	4.16 kg
Sheep			
<i>Crossbred</i>	18900	21 ton	1.1 kg
<i>Indigenous</i>			
Goats	91700	6246 ton	0.31
Poultry			
Hens			
<i>Desi</i>	10200	1193400 no egg	117
<i>Improved</i>	23000	6624000 no egg	288

1.2.8 Agro-climatic zones

Mehsana district falls under semi-arid agro climate zone. The average rainfall of the district is 560 mm. The climate of the district is hot and dry. District is mainly famous for the white revolution (milk) in the world. The soils of the district is mostly sandy loam and medium fertility. Major crops of the district are Bajara, Wheat, Mustard, Cotton, Fennel, Cumin, Castor and Pulses.

1.2.9 Agro-ecosystems:

Sr. No	Agro-ecological situation	Soil texture	Rainfall (mm)	Altitude	Principal crop	Special Features	Approximate area ('000 ha)	Taluka
1	Alluvial sandy soils with medium rain fall	Sandy and loamy sand	700-850	150-300	Bajara , Jowar	Bajara best cropping system	134.8 (5.83 %)	Kheralu
2	Alluvial sandy soils with low rain fall	Sandy loam	500-700	150-300	Bajara, Mustard	Bajara best cropping system	48.8 (2.11%)	Visnagar
3	Alluvial sandy loam soils with medium rain fall	Sandy loam	700-850	150-300	Bajara , Jowar	Flat topography with 5 % slope	377.8 (16.34%)	Vijapur, Major(80%) part of Kadi and Mehsana
4	Medium black ill-drained soils with medium rainfall	Sandy, Caly loam and clay	700-850	25-75	Rice, Cotton	Area has impeded drainage with saline sub-soil water	48.6 (2.1 %)	Parts (20%) of Kadi

1.2.10 Major and micro-farming systems

S. No	Farming system/enterprise
1	Agriculture
2	Agriculture + Horticulture
3	Agriculture + Horticulture + Animal Husbandry
4	Agriculture + Animal Husbandry

1.2.11 Major Production system

S. No	Farming system/enterprise
1	Groundnut-Potato-Summer Pearl millet
2	Cotton – Wheat
3	Castor-Summer Pearl millet
4	Fennel
5	Green gram/Sesamum –Cumin
6	Pulses-Mustard-Summer Pearlmillet
7	Pulses- Fennel

1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2014 to 31.3.2015 (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Mehsana	Laxmipura	2014	Unjha	40	1200	450
Mehsana	Vasda	2013	Satlasana	95	535	100

1.4. THRUST AREAS identified by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	THRUST AREA
Mehsana	Integrated Crop Management
Mehsana	Integrated Nutrient Management
Mehsana	Integrated Pest Management
Mehsana	Integrated Disease Management
Mehsana	Micro Irrigation System
Mehsana	Production of Inputs
Mehsana	Soil Health and Fertility Management
Mehsana	Nursery Management
Mehsana	Fodder Production
Mehsana	Farm Mechanization
Mehsana	Value Addition
Mehsana	Livestock Production and Management
Mehsana	Capacity Building and Group dynamics
Mehsana	Woman empowerment

1.5. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block

2. On Farm Testing

2.1 Information about OFT to be conducted

KVK name	Year/season	Problem diagnose	Category of technology (Assessment / Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Target	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										Farmer practice T1	Rec. Tech T2	T1	T2
Mehsana	2016/Summer	Higher cost of cultivation due to high dose of fertilizer	Refinement	Integrated Nutrient Management	Pearlmillet	Irrigated	10	10	Fertilizer requirement in summer Pearlmillet	-	-	-	-
Mehsana	2015/Rabi	Low yield due to moisture stress condition at critical stage in wheat	Assessment	Resource Conservation Technology	Wheat	Irrigated	10	10	To assess the effect of hydrogel for conserving soil moisture in Wheat	-	-	-	-
Mehsana	2015/Kharif	Low market price due to inferior fruits quality	Assessment	Integrated Disease Management	Acid Lime	Irrigated	10	10	Assessment of technology for Canker Management in acid lime	-	-	-	-
Mehsana	2015/Rabi	Low yield and market price due to inferior seed quality	Assessment	Integrated Disease Management	Cumin	Irrigated	10	10	Assessment of technology for management of alternaria blight in cumin	-	-	-	-
Mehsana	2015/Rabi	Reduced vigour, lower production, smaller fruits size and poor quality of fruits	Assessment	Integrated Nutrient Management	Acid lime	Irrigated	10	10	Foliar nutrition of Citrus special for high yield and quality of acid lime	-	-	-	-
Mehsana	2015/Kharif	Improper mixing and proportion of cereals, legumes and concentrate in animal feed leads to imbalance	Assessment	Feed Management	Livestock	---	10	10	To assess the effect of probiotic on milk production.	-	-	-	-

		microbial activity and result in to low digestibility which leads to decrease milk production.											
Mehsana	2015/Rabi	Low milk production in Lactating buffalo	Refinement	Nutrient management	Livestock	--	10	10	Assessment of chelated mineral mixture on milk production in Mehsani buffaloes	-	-	-	-
Mehsana	2015/Rabi	Low level of Hemoglobin in adolescent girls	Assessment	Woman and child care	Other	-	21	21	Assessment of technology for Hemoglobin maintain in adolescent girls				

2.1a Recommendations of OFTs

Recommendations		
Title of OFT	For Farmers	For Deptt. Personnel

2.2 Economic Performance

KVK name	OFT Title	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)					
		FP (T ₁)	RP (T ₂)		FP (T ₁)	RP (T ₂)		FP (T ₁)	RP(T ₂)		FP (T ₁)	RP (T ₂)				

3. Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years (up to 2014-15)

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha

3.2 Details of FLDs to be implemented during 2015-16

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep - No.	Name of Variety Entreprizes	Results (q/ha)		% change	No. of farmers				
							Demo ns	Check		SC	ST	OBC	Other s	Total
Mehsana	ICM	Sesamum	Kharif-2015	Varietal evaluation	5/12	GT-4	-	-	-	-	-	-	-	12
Mehsana	ICM	Groundnut	Summer- 2016	Varietal evaluation	5/12	GJG-9	-	-	-	-	-	-	-	12
Mehsana	ICM	Groundnut	Summer - 2016	Varietal evaluation	5/12	GJGHPS-1	-	-	-	-	-	-	-	12
Mehsana	IDM	Groundnut	Kharif-2015	IDM	5/12	Trichoderma	-	-	-	-	-	-	-	12
Mehsana	ICM	Cotton	Kharif-2015	Varietal evaluation	10/25	GTHH-49	-	-	-	-	-	-	-	25
Mehsana	IPM	Cotton	Kharif-2015	IPM	5/12	Beauveria bassiana & Neem oil	-	-	-	-	-	-	-	12
Mehsana	ICM	Wheat	Rabi- 2015	Varietal evaluation	10/25	GW-11	-	-	-	-	-	-	-	25
Mehsana	ICM	Fennel	Rabi - 2015	Varietal evaluation	10/25	GF-12	-	-	-	-	-	-	-	25
Mehsana	ICM	Fenugreek	Rabi - 2015	Varietal evaluation	5/12	Sulphur+ Culture(Rhizo bium+PSP)	-	-	-	-	-	-	-	12

Mehsana	INM	Blackgram	Kharif-2015	Integrated Nutrient Management	5/12	Sulphur+ Culture(Rhizobium+PSP)	-	-	-	-	-	-	-	12
Mehsana	IPM	Chickpea	Rabi-2015	IPM	5/12	HNPV	-	-	-	-	-	-	-	12
Mehsana	ICM	Chilli	Kharif - 2015	Varietal evaluation	5/12	GC-3	-	-	-	-	-	-	-	12
Mehsana	IPM	Tomato	Kharif-2015	IPM	5/12	Beauveria bassiana and NPV	-	-	-	-	-	-	-	12
Mehsana	INM	Acid Lime	Rabi-2015	Nutrient Management	5/12	Zinc Sulphate and Ferrous Sulphate	-	-	-	-	-	-	-	12
Mehsana	INM	Pomegranate	Kharif-2015	Nutrient Management	5/12	Micronutrient	-	-	-	-	-	-	-	12
Mehsana	IDM	Acid Lime	Kharif-2015	IDM	5/12	Paecilomyces lilacinus and Trichoderma	-	-	-	-	-	-	-	12
Mehsana	ICM	Lucerne	Rabi-2015	Varietal Evaluation	5/12	AL-2	-	-	-	-	-	-	-	12
Mehsana	Fodder Production	Sorghum	Summer-2016	Varietal Evaluation	5/12	CSV-21	-	-	-	-	-	-	-	12
Mehsana	Fodder Production	Sorghum	Summer-2016	Varietal Evaluation	5/12	COFS-29	-	-	-	-	-	-	-	12
Mehsana	Soil Fertility Management	Dhaincha	Kharif-2015	Green manuring	10/25	Dhaincha	-	-	-	-	-	-	-	25
Mehsana	IDM	Soil Solarization	Kharif-2015	IDM	5/12	25 micron plastic sheet	-	-	-	-	-	-	-	12
Mehsana	Production of Organic input	Vermi compost	Rabi-2015	Vermi compost	10	Earth worm	-	-	-	-	-	-	-	10
Mehsana	Drudgery reduction	Wheel hoe	Rabi-2015	Drudgery reduction	10	Wheel hoe	-	-	-	-	-	-	-	10
Mehsana	Disease Management	Livestock	Kharif-2015	Disease Management	20	Fenbendazole	-	-	-	-	-	-	-	20
Mehsana	Disease Management	Livestock	Rabi-2015	Disease Management	20	Potassium permanganate	-	-	-	-	-	-	-	10
Mehsana	Feed Management	Livestock	Kharif-2015	Feed Management	10	Urea and Plastic sheet	-	-	-	-	-	-	-	10
Mehsana	Feed Management	Livestock	Rabi-2015	Feed Management	10	Avikaminmix	-	-	-	-	-	-	-	10
Mehsana	Household food security	Kitchen garden	Kharif-2015	Kitchen Garden	10	Seeds and seedlings of vegetables	-	-	-	-	-	-	-	10

3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check

3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Mehsana	Sesamum, Groundnut, Cotton, Wheat, Fennel, Fenugreek, Blackgram, Chickpea, Chilli, Tomato, Pomegranate, Acid Lime, Lucerne, Sorghum	Field days	28	700	
		Farmers Training	28	394	
		Media coverage			
		Training for extension functionaries			

3.5 Details of FLD on crop hybrids.

Sr.No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested

5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only.
2. For category, training type and thematic area, use abbreviations only.

Table 5.1: Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. Of participants to be involved
Mehsana	FW & RY	PRA techniques, Group discussion, Interview	24/4/2015, Dharampur	50
Mehsana	FW & RY	PRA techniques, Group discussion, Interview	15/5/2015, Jetpur	50
Mehsana	FW & RY	PRA techniques, Group discussion, Interview	29/5/2015, Umari	50

Table 5.2. Details of Training programmes to be conducted by the KVKs.

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants								
								General		SC		ST		Others		
								M	F	M	F	M	F	M	F	
1	2	3	4	5	7	8		9	10	11	12	13	14			
Mehsana	FW	ONC	CP	Scientific cultivation of Bt. Cotton	1	1	25									
Mehsana	FW	ONC	CP	Scientific cultivation of Sesamum	1	1	20									
Mehsana	FW	ONC	CP	Scientific cultivation of Kharif Groundnut	1	1	20									
Mehsana	FW	ONC	CP	Irrigation management in Wheat	1	1	20									
Mehsana	FW	ONC	CP	Integrated Nutrient Management in pulse crops	1	1	20									
Mehsana	FW	ONC	CP	Scientific cultivation of Wheat	1	1	25									
Mehsana	FW	ONC	CP	Scientific cultivation of Summer Groundnut	1	1	25									
Mehsana	FW	ONC	CP	Fertilizer management in Summer Pearl millet	1	1	20									
Mehsana	RY	ONC	CP	Vermi compost production techniques	1	1	20									
Mehsana	FW	OFC	CP	Weed management in Rabi crops	1	1	20									
Mehsana	FW	OFC	CP	Scientific cultivation of pulse crops	1	1	20									
Mehsana	FW	OFC	CP	Scientific cultivation of Castor	1	1	20									

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Mehsana	FW	ONC	SFM	Fertility Management through Green Manuring	1	1	25								
Mehsana	FW	OFC	SFM	Judicious use of chemical fertilizers	1	1	20								
Mehsana	RY	OFC	SFM	Soil sampling method and its importance	1	1	20								
Mehsana	FW	ONC	HOF	Nutrient management in Pomegranate	1	1	20								
Mehsana	FW	ONC	HOF	Nutrient management in Acid Lime	1	1	20								
Mehsana	RY	ONC	HOF	Foliar nutrition of citrus special for quality and higher yield of Acid Lime	1	1	20								
Mehsana	FW	OFC	HOF	Management of newly established orchard	1	1	20								
Mehsana	FW	OFC	HOF	Scientific cultivation of Watermelon	1	1	20								
Mehsana	RY	OFC	HOF	Training and pruning in Acid Lime	1	1	20								
Mehsana	RY	OFC	HOF	Management of hasta bahar in Lime	1	1	20								
Mehsana	FW	ONC	HOS	Production technology of Fennel	1	1	25								
Mehsana	FW	ONC	HOS	Nutrient management in Fenugreek	1	1	20								
Mehsana	FW	OFC	HOS	Seed production technology of seed spices	1	1	20								
Mehsana	FW	ONC	HOV	Scientific cultivation of Chilly	1	1	20								
Mehsana	FW	OFC	HOV	Improved production technology of Tomato	1	1	20								
Mehsana	FW	ONC	LPM	Scientific cultivation of fodder Sorghum	1	1	25								
Mehsana	FW	ONC	LPM	Lucerne - Fodder production	1	1	20								
Mehsana	FW	ONC	LPM	Effect of probiotic on milk production	1	1	20								
Mehsana	FW	ONC	LPM	Health & Hygiene management of Dairy Animals	1	1	20								
Mehsana	FW	ONC	LPM	Mastitis disease management in dairy	1	1	20								

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
				animals											
Mehsana	FW	ONC	LPM	Deworming in animals	1	1	20								
Mehsana	FW	ONC	LPM	Effect of chelated mineral mixture on milk production	1	1	20								
Mehsana	RY	ONC	LPM	Feed management in goat	1	1	20								
Mehsana	FW	OFC	LPM	Feeds and feeding management of dairy animals	1	1	20								
Mehsana	FW	OFC	LPM	Selection of milch animals	1	1	20								
Mehsana	FW	OFC	LPM	Importance of green fodder in economic milk production	1	1	20								
Mehsana	FW	OFC	LPM	Common diseases of animals and their treatment	1	1	20								
Mehsana	FW	OFC	LPM	Urea treatment in Wheat straw	1	1	20								
Mehsana	FW	OFC	LPM	Heat detection techniques in buffalo	1	1	20								
Mehsana	RY	OFC	LPM	Housing of dairy animals	1	1	20								
Mehsana	RY	OFC	LPM	Vaccination in animals and its economical importance	1	1	20								
Mehsana	FW	ONC	PLP	Bio pesticides for sucking pest management in cotton	1	1	20								
Mehsana	FW	ONC	PLP	Bio control of pests in Tomato	1	1	20								
Mehsana	FW	ONC	PLP	IDM in Groundnut	1	1	20								
Mehsana	FW	ONC	PLP	Nematode management in Acid Lime	1	1	20								
Mehsana	FW	ONC	PLP	Pod borer management in Chickpea	1	1	20								
Mehsana	FW	ONC	PLP	Canker management in Acid Lime	1	1	20								
Mehsana	FW	ONC	PLP	Blight management in Cumin	1	1	20								
Mehsana	RY	ONC	PLP	Soil borne disease management through soil solarization	1	1	20								
Mehsana	FW	OFC	PLP	Identification, nature of damage and management of stored grain pest	1	1	20								

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Mehsana	FW	OFC	PLP	Role of farm sanitation for disease management	1	1	20								
Mehsana	FW	OFC	PLP	Seed treatment -Low cost technology for pest and disease management	1	1	20								
Mehsana	FW	OFC	PLP	Termite management in Wheat	1	1	20								
Mehsana	FW	OFC	PLP	Disease management in protected cultivation	1	1	20								
Mehsana	RY	OFC	PLP	Mass production techniques of Bio agent	1	1	20								
Mehsana	RY	OFC	PLP	Preparation of bio-pesticides	1	1	20								
Mehsana	RY	OFC	PLP	Role of bio pesticides for pest management	1	1	20								
Mehsana	FW	ONC	AEG	Use of improved farm implements and machinery	1	1	20								
Mehsana	RY	ONC	AEG	Maintenance of Micro Irrigation System	1	1	20								
Mehsana	FW	OFC	AEG	Drip irrigation in field crops	1	1	20								
Mehsana	FW	ONC	WOE	Preparation method of Bam, Vaseline and Washing powder.	1	1	20								
Mehsana	RY	ONC	WOE	Wheel hoe - Drudgery reduction	1	1	20								
Mehsana	FW	OFC	WOE	Hemoglobin management in adolescent girls	1	1	25								
Mehsana	FW	OFC	WOE	Fruits and vegetables preservation techniques	1	1	25								
Mehsana	FW	OFC	WOE	Value addition in fruits	1	1	20								
Mehsana	FW	OFC	WOE	Preparation of nutritious foods for children	1	1	20								
Mehsana	FW	OFC	WOE	Method of preparation of Mango pickles and jam	1	1	25								
Mehsana	FW	OFC	WOE	Kitchen gardening for household food security	1	1	20								
Mehsana	RY	OFC	WOE	Mango squash preparation	1	1	25								
Mehsana	RY	OFC	WOE	Importance of fruits and vegetables in our daily diets	1	1	25								
Mehsana	RY	OFC	WOE	Tailoring	1	30	15								

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14			
Mehsana	RY	OFC	WOE	Value addition in Aonla	1	1	20								
Mehsana	FW	ONC	CBD	Different ways of marketing of farm products	1	1	20								
Mehsana	FW	ONC	CBD	Sources and procedure for purchases of quality agricultural inputs.	1	1	20								
Mehsana	FW	ONC	CBD	Government subsidy schemes in agriculture	1	1	20								
Mehsana	FW	OFC	CBD	Formation and promotion of SHGs	1	1	20								
Mehsana	FW	OFC	CBD	Drought mitigation	1	1	25								
Mehsana	RY	OFC	CBD	Mobilization of social capital	1	1	20								
Mehsana	RY	OFC	CBD	Capacity building of SHGs	1	1	20								
Mehsana	RY	OFC	PIS	Preparation of compost from farm waste	1	1	20								

Table 5.3. Details of Vocational training programmes for Rural Youth to be conducted by the KVKs

Name of KVK	Training title	Crop Enterprise /	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries					
					SC		ST		Others	
					M	F	M	F	M	F
Mehsana	Preparation of chips and other product of potato	Potato	WOE	4	0	1	0	0	0	19
Mehsana	Raising of seedling	Vegetables	PIS	5	1	0	0	0	19	0
Mehsana	Seed production of rabi crops	Rabi crops	PIS	4	2	0	0	0	18	0
Mehsana	Preparation of biopesticides	Bio pesticides	PIS	4	1	0	0	0	19	0

Table 5.4. Details of training programme to be conducted for Livelihood Security in rural areas by the KVKs

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
Mehsana	Making of punjabi kurta, salwar and blouse	-	-	-	-
Mehsana	Production of vermicompost and vermi wash	-	-	-	-

Table 5.5 Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/R/RY/IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Mehsana	Production technology of kharif crops	CP		FW	2	1	19	0	1	0	0	0	ATMA	-
Mehsana	Nematode management in orchards	PLP		FW	2	1	19	0	1	0	0	0	Dept. of Horticulture	-

Table 5.6 Training Programmes for Panchayatiraj Institutions Office-bearers & members

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/R/RY/IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Mehsana	Soil and water sampling techniques and its importance in soil health management	SFM		IS	1	1	18	0	2	0	0	0	--	--
Mehsana	Information about SAU's recommendation	OTH		IS	1	1	18	0	2	0	0	0	--	--
Mehsana	Preparation of low cost balance diet for mother and children	WOE		IS	1	1	18	0	2	0	0	0	-	-

Table 5.7 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Mehsana	Field Day	28		600	55	40	5					
Mehsana	Kisan Mela	-										
Mehsana	Kisan Ghosthi	3		110	20	7	3					
Mehsana	Exhibition	-										
Mehsana	Film Show	12		190	50	7	3					
Mehsana	Method Demonstrations	2		40	7	2	1					
Mehsana	Farmers Seminar	1		95	45	6	4					
Mehsana	Workshop	-										
Mehsana	Group meetings	4		40	16	3	1					
Mehsana	Lectures delivered as resource persons	24		550	100	40	10					
Mehsana	Newspaper coverage	3										
Mehsana	Radio talks	-										
Mehsana	TV talks	-										
Mehsana	Popular Articles	4										
Mehsana	Extension Literature	3										
Mehsana	Farm Advisory Services	-										
Mehsana	Scientific visit to farmers field	2										
Mehsana	Farmers Visit to KVK	250		220	20	7	3					
Mehsana	Diagnostic Visits	24		65	8	2	0					
Mehsana	Exposure Visits	2		65	15	4	1					
Mehsana	Ex-trainees Sammelan	2		70	5	3	2					
Mehsana	Soil Health Camp	2		95	10	4	1					
Mehsana	Animal Health Camp	6		30	100	2	8					
Mehsana	Agri Mobile Clinic	-										
Mehsana	Soil Test Campaigns	-										
Mehsana	Farm Science Club conveners meet	1		27	6	1	1					
Mehsana	Self Help Group conveners meetings	1		27	6	1	1					

7. Production and supply of Technological products

7.1 SEED production

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type here SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Mehsana	Cereals	Wheat	GW 496	SD	23.50 q			
Mehsana	Cereals	Wheat	GW-11	SD	15.00 q			
Mehsana	Pulses	Blackgram	GU-1	SD	1.00 q			
Mehsana	Pulses	Clusterbean	GG-2	SD	3.00 q			
Mehsana	Pulses	Greengram	GM-4	SD	1.00 q			
Mehsana	Other	Sesamum	GT-4	SD	1.00 q			
Mehsana	Other	Groundnut	GJG-9	SD	2.00 q			
Mehsana	Other	Groundnut	GJGHPS-1	SD	2.00 q			
Mehsana	Other	Fennel	GF-12	SD	5.00 q			
Mehsana	Other	Mustard	GDM-4	SD	2.00 q			
Mehsana	Other	Lucerne	AL-2	SD	0.75 q			

7.2 Planting Material production

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost inputs	Gross income	
Mehsana	Other	Tobacco				GCT -4	PM	50000			
Mehsana	Spices	Fennel				GF- 12	PM	50000			
Mehsana	Vegetables	Chilli				GC- 3	PM	100000			
Mehsana	Fruits	Acid Lime				KAGZI	PM	10000			

7.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
Mehsana	BIOAGENTS - Trichoderma	100 kg			
Mehsana	BIOFERTILIZERS-Vermi compost	2000 kg			
Mehsana	BIO PESTICIDES				

7.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
Mehsana	Cattle	-	-	-	-	-	-
	Buffalo	-	-	-	-	-	-
	Sheep and Goat	-	-	-	-	-	-
	Poultry	-	-	-	-	-	-
	Fisheries	-	-	-	-	-	-
	Others (Specify)	-	-	-	-	-	-

8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : YES

Year of establishment : 2011

8.1 Details of soil & water samples analyzed so far :

KVK Name	Type	No. of Samples	No. of Farmers	No. of Villages	Amount released	Resources to be generated
Mehsana	Soil Sample	300	300	30	15000	
Mehsana	Water Sample	30	30	10	300	

9. Rainwater Harvesting, if available.

Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RV/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	
Mehsana	50	10,000	100	

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Mehsana	December,2015	30	

12. Literature to be Last Developed/Published (with full title, author & reference)

12.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Mehsana	01/01/2010	Half yearly	500	500

12.2 Details of Electronic Media to be Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Mehsana	CD	Trichoderma production	1

12.3 PUBLICATIONS

Category	Number	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
		Type	Title	Author's name	Number of copies
Research Paper	1				
Technical bulletins					
Technical reports					
Popular article	4				
News paper coverage	3				
Year Planner					
Others (pl. specify)					

13. Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central /state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Mehsana	ATMA	ATMA(State)		<ul style="list-style-type: none"> • Training • Demonstration • Exposure visits • Kisan Ghosthi • Agri.Exhibition • Krishi mela 	Mehsana Dist.	
Mehsana	MNREGA					
Mehsana	NHM					
Mehsana	RKVY					
Mehsana	DRDA					
Mehsana	Zila Panchyat <ul style="list-style-type: none"> • Farmer Training Centre • District Agril. Officer • Dy. Director of Animal Husbandary • Dy. Director of Horticulture 	State		<ul style="list-style-type: none"> • Training • Demonstration 	Mehsana Dist.	
Mehsana	Seed Village					
Mehsana	NAIP					
Mehsana	Climate Change					
Mehsana	Others (Plz. Specify)	DWDA(State)		<ul style="list-style-type: none"> • Training • Demonstration 	Mehsana Dist.	

14. Utilization of Farmers Hostel.

Accommodation available (No. of beds): 60

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Mehsana	May	2015	Preparation of chips and other product of potato	4	20	3	-
Mehsana	June	2015	Raising of seedling	5	20	4	
Mehsana	September	2015	Seed production of rabi crops	4	20	3	
Mehsana	November	2015	Preparation of biopesticides	4	20	3	
Mehsana	May	2015	Production technology of kharif crops	2	20	1	
Mehsana	June	2015	Nematodes management in orchards	2	20	1	

15. Utilization of Staff Quarters.

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Mehsana	2008	2010	6	-	-

16. Details of KVK Agro-technological Park

a) Have you prepared layout plan, where sent?

Sr .No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent?(ZPD/DES/any other, pl. sp.)
1	Mehsana	No	-

b) Details about Technology Park - NIL

Name of KVK	Name of Component of Park	Detail Information (If established)
	Crop Cafeteria	
	Technology Desk	
	Visitors Gallery	
	Technology Exhibition	
	Technology Gate-Valve	

c). Crop Cafeteria- NIL

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria

17. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of kvk	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Mehsana	Patel Ganshyambhai Shankardas	Winnower using engine of rickshaw	At- Gozaria, Ta & Dist: Mehsana, Mob. 09714002044
2	Mehsana	Patel Kanaiyalal Baldevbhai	Sowing cucumber in plastic bowl in Green house	At- Hathipura, Ta- Vijapur, Dist : Mehsana Mob : 09714870717
3	Mehsana	Patel Pareshbhai Khodidas	Developed Power tiller using engine of rickshaw	At- Kundal, Ta- Kadi, Dist : Mehsana, Mob. 07567333241
4	Mehsana	Patel Manilal Ishwarlal	Sowing cucumber in plastic bag in Green house	At- Vasai, Ta: Vijapur, Dist: Mehsana, Mob.09426701835
5	Mehsana	Patel Kashirambhai Magandas	Preparation of biopesticides from 33 types of plants	At- Denap, Ta- Visnagar, Dist ; Mehsana Mob.9998880545
6	Mehsana	Patel Kamleshbhai Sankarbhai	Inter cropping of Tomato & Bitter gourd	At- Laxmipura, Ta- Kadi, Dist : Mehsana, Mob. 09723949554
7	Mehsana	Patel Dahyabhai Jivaramdas	Watermelon- Cotton cropping system in drip and mulch with the use of fertilizer applied in cotton	At- Hasanpur, Ta- Visnagar, Dist : Mehsana Mob : 09879250722
8	Mehsana	Sipahi Imaratbhai Nathubhai	Develop a Fertigation system on diesel engine	At- Lhor, Ta- Kadi, Dist : Mehsana Mob : 09228734090
9	Mehsana	Patel Kirtibhai Shivabhai	Develop Solar multi grass cutter	At-Gundrasan, Ta- Vijapur, Dist : Mehsana Mob : 07359334055
10	Mehsana	Patel Ambalal Viramdas	Mix cropping	At- Jetpur, Ta & Dist: Mehsana, Mob. 09978795396

18. KVK interaction with progressive farmers-

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1	07, January 2016	50

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Mehsana	10	10	30	150

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

20. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable. - NIL

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt

21. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	SAUs (SDAU, AAU, NAU, JAU)	Technical backstopping	
2	Department of Agriculture, Horticulture and Animal Husbandry, Mehsana	Training and Demonstration, Joint activity	
3	NABARD, Mehsana	Strengthening of SHGs	
4	ATMA, Mehsana	Joint implementation	
5	Farmer Training Centre, Mehsana	Joint Implementation	
6	Gujarat State Seed Corporation Ltd, Mehsana	Seed production	
7	Self Employed Women Association (SEWA), Mehsana	Joint Implementation	
8	Dena RSETI, Mehsana	Vocational trainings, Member of LAC	

9	Development Support Center, Ahmedabad	Joint Implementation	
10	National Centre for Integrated Pest Management, New Delhi	Joint implementation	
11	VIKSAT, Ahmedabad	Joint implementation	
12	District Watershed Development Unit, Mehsana	Joint implementation	

22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Mehsana	-	-	-

23. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Mehsana	17/06/2008	30	3000

24. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals
1	Mehsana	-	-

25. E-CONNECTIVITY (ERNET Lab)

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No of lectors organized by KVK	Brief achievements	Remarks
	Date	No of Staff attended	No of call received from Hub	No of Call mate to Hub by KVK			
Mehsana	-	-	-	-	-	-	-

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Mehsana	Gosthies	5	250	ICM, INM, IDM, IPM, Hi tech horticulture, Dairy management
	Lectures organized	5	250	
	Exhibition	1	250	
	Film show	3	250	
	Fair			
	Farm Visit	5	250	
	Diagnostic Practical's	-	-	
	Distribution of Literature (No.)	5	1000	
	Distribution of Seed (q)	-	-	
	Distribution of Planting materials (No.)	-	-	
	Bio Product distribution (Kg)	-	-	
	Bio Fertilizers (q)	-	-	
	Distribution of fingerlings (No)	-	-	
	Distribution of Livestock specimen (No.)	-	-	
	Total number of farmers visited the technology week	-	250	

27. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
1	Mehsana	-	-	-

Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
		Oilseeds		
		Pulses		
		Cereals		
		Vegetable crops		
		Tuber crops		
		Fruits		
		Spices		
		Cotton		
		Total		

Farmers-scientists interaction on livestock management

Sl. No.	Name of KVK	Livestock components	Number of interactions	No. of participants
		Dairy Management		
		Disease management		
		Feed and fodder technology		
		Poultry management		

Animal health camps to be organized

Name of KVK	Number of camps	No. of animals	No. of farmers

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qt)	Coverage of area (ha)	Number of farmers

Seedlings and Saplings to be distributed

Name of KVK	Crops	Quantity (No.)	Coverage of area (ha)	Number of farmers
Seedlings				

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers

Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers

Vermis Produced

Name of KVK	Vermis Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and of resource conservation technologies introduced	Area (ha)	Number of farmers

Awareness Campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers

28. Proposal of NICRA/NIFTD/TSP/Any other programme

1. Technologies to be Demonstrated

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted
NIFTD	Jowar	0.6			2
	Dhaman	0.4			1
	Sewan	0.4			1
	Lucerne	0.6			2
	Oat	0.6			2
	Pearlmillet	0.6			2
	Cenchrus cillaris	1.0			4
	Stylosanthese	0.6			2

2. Proposed Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

3. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status

5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status

6. Public Representative/District Administration Visited in NICRA Village

Name of Representative/Officer	Designation	Date of Visit

7. Feedback of Farmers for future improvement, if any.

8. Good Action Photographs after work progress (step-wise)

29. Proposed works under NAIP (in NAIP monitoring format)

30. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)

31. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received

32. Case study / Success Story to be developed –

Sr. no.	Name of KVK	No. of success stories	No. of case studies

Two best only in the following format: Name of the KVK, TITLE, Introduction, KVK intervention, Output, Outcome, Impact

33. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem)