ANNUAL PROGRESS REPORT (OCT 05- SEPT 06)
OF
KRISHI VIGYAN KENDRA NANA-KANDHASAR

TO BE PRESENTED AT SARDAR KRUSHINAGAR DANTIWADA AGRICULTURAL UNIVERSITY, DANTIWADA ON 2 TO 4TH NOVEMBER, 2006

KRISHI VIGYAN KENDRA
JUNAGADH AGRICULTURAL UNIVERSITY
NANA-KANDHASAR (CHOTILA)
DIST: SURENDRANAGAR
GUJARAT

ANNUAL PROGRESS REPORT OF KVK NANA-KANDHASAR (2005-06)

1.	Name and address of the KVK with zip code	: Krishi Vigyan Kendra, Junagadh Agricultural University, Nanakandhasar-363 520 Dist: Surendranagar Phone: (02751) 280322

Name of the Host Organization : Junagadh Agricultural University, Junagadh - 3600 02.

Telegraphic address : Krishi Vigyan Kendra,
Junagadh Agricultural University,
Nanakandhasar-363 520
Tal: Chotila
Dist: Surendranagar

Telephone with STD Code

Office Resident	STD Code	Phone No.	FAX
Office	02751	280322	
Residence	Mo. 94277 25505 Mo. 98983 33656		

2. Staff Position [as on 1st Sept. 2006]

Sr. No	Post	Name of Employee	Joining Date in KVK	Sanc-tioned post	Filled post	Remark
1.	Training Organizer	Dr. R. M. Javia	22-8-2006	1	1	AP
Training Associate						
2	Plant Protection	Mr. A. M. Bharadiya	21-8-2006	1	1	----
3	Extension Edu.	Dr. B. C. Bochalya	23-8-2006	1	1	---
4	Soil & water Eng.	Mr. G. V. Prajapati	30-8-2006	1	1	---
5	Home Science	Miss B. M. Bhalala	23-8-2006	1	1	---
6	Animal Science	Dr. M. M. Tajapara	22-8-2006	1	1	---
7	Agronomy	Mr. H. M. Bhuva	30-8-2006	1	1	---
Training Assistant						
8.	Training Assistant	---		1	0	Vacant
9.	(Farm Manager)	Mr. K.H. Ribadiya	07-3-2006	1	1	---
10.	Computer Progr.	---	---	1	0	Vacant
Admin. & Account						
11	O.S. cum Accountant	Mr. P. R. Dabhi	21-2-2006	1	1	---
12	Junier Steno	---		1	0	Vacant
Supporting Staff						
13	Tractor	--	--	1	1	Vacant

	Driver					
14	Jeep Driver	Mr. H. R. Gohil	01-8-2006	1	1	---
15	Peon	Mr. M. H. Solanki	08-3-2006	1	1	---
16	Peon	---		1	0	Vacant

3. Total Land with KVK:

Sr. No.	Item	Area (ha)
1	Under Buildings / Roads	04.00
2	Under Demonstration Units	16.00
3	Under Crops	
4	Orchard / Agro- Forestry	
5	Others /DFRS	
	Total	20.00

4. Infrastructure Development:

Sr. No.	Name of the Building	Stage Completed (Plinth Area in sq.m.)	In Completed (Plinth Area in sq.m.)	Source Fund
1	Administrative Buildings	Plan & estimate are sent	Plan & estimate are sent	ICAR
2	Farmers Hostel			
3	Staff quarters-6			
4	Demonstration Units-2			
5	Any others			
	Total			

PROFILE OF THE
NORTH SAURASTRA AGRO - CLIMATIC ZONE VI - GUJARAT

5. Description of agro-climatic zones and farming situations of the district:

North Saurashtra agro-climatic zone-VI, Gujarat

Eight agro-climatic zones have been identified in Gujarat. The North Saurashtra Agro climatic Zone-VI falls in Saurashtra region. The influence area of North Saurashtra Agro climatic Zone is spread among five districts of Saurashtra region viz., Amreli (9 talukas out of 11), Bhavnagar (6 talukas out of 13), Jamnagar (all the 10 talukas), Rajkot (11 talukas out of 14) and Surendranagar (7 talukas out of 10) covering 43 talukas in all. It is bounded in the north by the gulf of Kutch and parts of Rajkot as well as Surendranagar district, in the east by the Ahmadabad district and coastal part of Bhavnagar district, on the south by the Junagadh district and parts of Amreli as well as Rajkot district, to the west by Arabian sea. The farming situation of the district Surendranagar is rainfed.

Basic information of agro climatic zone of operational district Surendranagar:

The district Surendranagar mainly falls in north Saurashtra agro-climatic zone. The district located in India at 22.0° to 23.45° North latitude and 69.45° to 72.15° East longitude. Surendranagar district is bounded in north by Gulf of Kutch and Mehasana district, in the south by Bhavnagar and part of Ahmedabad district, on the east by part of Ahmedabad and west by Rajkot district. The average annual rainfall is 400 mm. The average temperature of the district ranges with 41°C maximum to 11°C minimum. The soil is mostly medium black, shallow to moderately deep and calcareous in nature, therefore cotton is the major crop of the district. Some patches of saline soil found in Dasada and Lakhtar talukas, calcareous sandy soil found in some part of Chotila, Sayla & Dhangdhra taluka and

loamy soil is found in some part of Halvad and Dhangdhra taluka. The pH of the soil is alkaline and underground water is non saline in nature.

The district covers 10.48 lakh ha geographical area out of which 6.90 lakh ha under cultivation, of which only 0.62 lakh ha is irrigated. Major area comes under rainfed farming. The main sources of irrigation are wells, tube wells, ponds and canals. The major crops of this region are cotton, sesame & pearl millet and others are sorghum, wheat, chick pea, groundnut, mustard, cumin, green gram, black gram, onion, garlic and vegetables. The fruit orchard area is very less.

Basic information of operational district Surendranagar:

1	Total Geographical area	:	1048900 ha
2	Total cultivable area	:	690000 ha
3	Net cultivated area	:	685284 ha
4	Area sown more than one	:	42933 ha
5	Total area under forest	:	49353 ha
6	Total irrigated area	:	61879 ha
7	Area under non-agricultural use	:	53639 ha
8	Barren & uncultivated land	:	128029 ha
9	Permanent pasture	:	46036 ha
10	Current fallows	:	16652 ha
11	Waste land	:	63232 ha
12	Total number of Holdings	:	172769
	a). SC	:	11353
	b). ST	:	1054
	c). Others	:	160362
13	Average annual rainfall	:	400 mm
14	Soil Type	:	Medium black, shallow to moderate deep & calcareous in nature

15	Total number of villages	:	651
16	Total population	:	1515148
	a). Male	:	787650
	b). Female	:	727498
	1). Rural	:	1112700
	2). Urban	:	402448
	I). SC	:	166211
	II). ST	:	14338
	III). Others	:	1234599
17	Total literacy percentage	:	52.40 %
	a). Male	:	62.80 %
	b). Female	:	41.15 %
18	Number of Talukas	:	10
			Limbdi, Chotila, Halvad
			Sayla, Lakhatar, Vadhvan
			Muli, Dhangadhra, Dasada
			Chuda
19	Major crops grown		
	1). Cereals	:	Wheat, Sorghum, Bajra
	2). Pulses	:	Green gram, Black gram, Chick pea
	3). Oil seeds	:	Sesame, Groundnut, Castor
	4). Others	:	Cotton, Cumin, Onion, Garlic & Vegetables.
20	Live Stock (Total)	:	803428
	1). Bullocks & Cows	:	293758
	2). Goats	:	179648
	3). Buffaloes	:	202939
	4). Horses & Camel	:	2079
	5). Sheeps	:	100589
	6). Others	:	24415

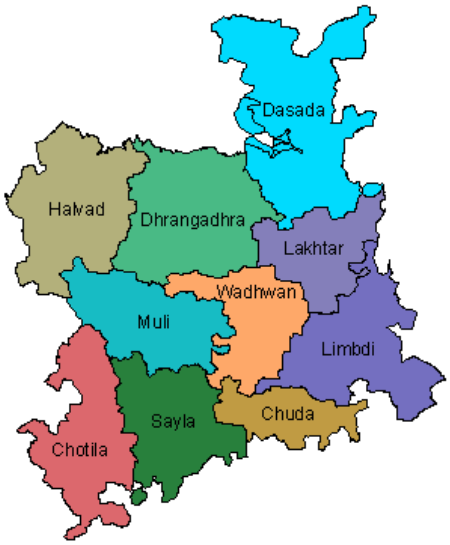
Area, production and productivity of field crops of Surendranagar district

Name of Crop	2003-04			2004-05			Average yield 2000-05 (kg/ha)	
	Area 00' ha	Prod. 00' mt	Yield kg/ha	Area 00' ha	Prod. 00' mt	Yield kg/ha	S'nagar dist	Gujarat State
Cotton	745	2022	462	880	3835	741	309	275
Pearl millet	834	1352	1621	653	855	1309	1203	1164
Sesame	1139	743	657	1015	353	348	410	429
Groundnut	253	455	1798	232	352	1517	1309	1097
Wheat	261	673	2579	255	524	2055	2211	2368
Cumin	184	84	456	192	108	564	438	435
Castor	67	162	2398	75	172	2286	1871	1532
Gram	102	90	885	115	84	727	554	604
Onion	8	268	32838	8	247	29752	28288	26703
Garlic	7	52	7519	8	38	4984	5864	6015

6. Major thrust area of the district

- Dry farming technologies
- Methods of *in-situ* moisture conservation
- Integrated weed management
- Integrated pest and diseases management
- Integrated nutrient management
- Vermi-compost
- Bio-fertilizers
- Farm women empowerment
- Water shed management
- Value addition
- Awareness for purchase of agri inputs like seeds, fertilizers and pesticides
- Skill oriented income generating activities like sewing, preparation of bakery products, fruit and vegetable preservation
- Adoption of organic farming
- Efficient use of available irrigation water
- To motivate farmers to grow arid and semi arid horticultural crops
- To enhance the milk production of milch animals by proper feeding and breeding of animals
- Awareness for vaccination of animals
- Awareness about the importance of artificial insemination.

Surendranagar District



7. Training Achievement:-

(A) On Campus:- Nil
(B) Off Campus:-

Sr. No.	Discipline	No. of Courses	No. of total Participants			No. of SC/ST Participants		
			Male	Female	Total	Male	Female	Total
I	**Practicing Farmers**							
1	Crop Production	1	29	-	29	2	-	2
2	Horticulture	-	-	-	-	-	-	-
3	Live Stock Production and Management	1	24	-	24	9	-	9
4	Home Science	1	-	28	28	-	-	1
5	Agricultural Engineering	-	-	-	-	-	-	-
6	Plant Protection	1	19	-	19	2	-	2
7	Fisheries	-	-	-	-	-	-	-
8	Agricultural Extension	-	-	-	-	-	-	-
9	Agro-forestry	-	-	-	-	-	-	-
10	Soil Fertility and Management	-	-	-	-	-	-	-
11	Others (seed production)	1	24	-	24	3	-	3
	Total	5	96	28	124	16	-	17
II	**Rural Youth**	Nil						
III	**Extension Functionaries**	Nil						
	Grand Total	5	96	28	124	16	-	16

[C] Consolidated Table (On + Off Campus):

Sr. No.	Discipline	No. of Courses	No. of total Participants			No. of SC/ST Participants		
			Male	Female	Total	Male	Female	Total
I	**Practicing Farmers**							
1	Crop Production	1	29	-	29	2	-	2
2	Horticulture	-	-	-	-	-	-	-
3	Live Stock Production and Management	1	24	-	24	9	-	9
4	Home Science	1	-	28	28	-	-	-
5	Agricultural Engineering	-	-	-	-	-	-	-
6	Plant Protection	1	19	-	19	2	-	2
7	Fisheries	-	-	-	-	-	-	-
8	Agricultural Extension	-	-	-	-	-	-	-
9	Agro-forestry	-	-	-	-	-	-	-
10	Soil Fertility and Management	-	-	-	-	-	-	-
11	Others (seed production)	1	24	-	24	3	-	3
	Total	5	96	28	124	16	-	16
II	**Rural Youth**	Nil						
III	**Extension Functionaries**	Nil						
	Grand Total	5	96	28	124	16	-	16

(D) Sponsored Training Programme: NIL

(1) For practicing farmers NIL
(2) For Rural Youth
(3) For extension personnel

8. Front Line Demonstrations. :-

A. Oil seeds

a. Details of implementation

Sr. No	Crop	Year	Season	Variety	Area (ha.)		No. of Farmers Demonstrations			Remarks
					Proposed	Actual	SC/ST	Other	Total	
1	G'nut	2006-07	Kharif	GG-20/ GG-7	8.0	4.0	1/0	9	10	-

b. Details of farming situation:

Crop	Season	farming situation (RF/ Irrigated	Type of Soil	Status of Soil (low/medium/high)			Previous Crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
G'nut	*Kharif*	Rainfed	Medium black	--	--	--	Cotton	2-6-06	Results awaited (crop standing condition)		
		Rainfed					G'nut	3-6-06			
		Irrigated					Cumin	2-6-06			
		Irrigated					Wheat	3-6-06			
		Rainfed					G'nut	5-6-06			
		Rainfed					G'nut	3-6-06			
		Rainfed					Sesame	30-6-06			
		Irrigated					wheat	1-6-06			
		Rainfed					Green gram	5-6-06			
		Rainfed					G'nut	3-6-06			

c. Crop Performance:

Crop	Variety	No. of Farmers	Area (ha.)	Demonstration Yield (q/ha)				Increase in Yield (%)	Cost of additional cash input(Rs./ha)	
				Highest	Lowest	Average	Local Check		Demonstration	Local Check
G'nut	**GG-7**	**3**	**1.2**	**Results awaited (crop standing condition)**						
	GG-20	**7**	**2.8**							

B. Pulses : nil

C. Analytical review of component of demonstration:

Crop	Season	Farming Situation	Component	Yield (q/ha)	Local Check Yield (q/ha)	Percentage increase in productivity over local Check
G'nut	Kharif	Rainfed	Plant protection (Dimethoate 30% EC)	**Results awaited (crop standing condition)**		
G'nut	Kharif	Rainfed	Plant protection (Dimethoate 30% EC)			
G'nut	Kharif	Irrigated	Plant protection (Dimethoate 30% EC)			
G'nut	Kharif	Irrigated	Plant protection (Dimethoate 30% EC)			
G'nut	Kharif	Rainfed	Plant protection (Dimethoate 30% EC)			
G'nut	Kharif	Rainfed	Plant protection (Dimethoate 30% EC)			
G'nut	Kharif	Rainfed	Plant protection (Dimethoate 30% EC)			
G'nut	Kharif	Irrigated	Plant protection (Dimethoate 30% EC)			
G'nut	Kharif	Rainfed	Plant protection (Dimethoate 30% EC)			
G'nut	Kharif	Rainfed	Plant protection (Dimethoate 30% EC)			
Cotton	Kharif	Irrigated	Plant protection (Imidachloprid 17.8% EC)			
Cotton	Kharif	Irrigated	Plant protection (Imidachloprid 17.8% EC)			
Cotton	Kharif	Irrigated	Plant protection (Imidachloprid 17.8% EC)			
Cotton	Kharif	Irrigated	Plant protection (Imidachloprid 17.8% EC)			
Cotton	Kharif	Rainfed	Plant protection (Imidachloprid 17.8% EC)			
Cotton	Kharif	Rainfed	Plant protection (Imidachloprid 17.8% EC)			
Cotton	Kharif	Irrigated	Plant protection (Imidachloprid 17.8% EC)			
Cotton	Kharif	Irrigated	Plant protection (Imidachloprid 17.8% EC)			
Cotton	Kharif	Irrigated	Plant protection (Imidachloprid 17.8% EC)			
Cotton	Kharif	Irrigated	Plant protection (Imidachloprid 17.8% EC)			

D. Technical Feed Back.

1. To enhance the farmers to use recently developed notified varieties of related crop.
2. Proper use of fertilizers, insecticides and fungicides as per recommendation to reduce the production cost.

E. Farmer's Reactions

1. Yield may be decrease if last showers not received timely.
2. New varieties are most probably susceptible to insect- pest and diseases.

F. Extension Training Activities: NIL

G. Other Demonstrations.

a. Details of Implementation.

Sr. No	Crop	Year	Season	Varieties	Area (ha.)		No. of Farmers Demonstrations			Remarks
					Proposed	Actual	SC/ST	Others	Total	
1	COTTON	2006-07	*Kharif*	--	4.00	4.00	1	9	10	

b. Details of farming situation

Crop	**Season**	**farming situation (RF/Irrigated)**	**Type of Soil**	**Status of Soil (low/ medium/ high)**			**Previous Crop**	**Sowing date**	**Harvest date**	**Sea-sonal rain-fall (mm)**	**No. of rainy days**
				N	**P**	**K**					
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Cotton	*Kharif*	Irrigated	Medium black	-	-	-	Cotton	1-6-06	**Results awaited (crop standing condition)**		
Cotton	*Kharif*	Irrigated	Medium black	-	-	-	G'nut	3-6-06			
Cotton	*Kharif*	Irrigated	Medium black	-	-	-	G'nut	4-6-04			
Cotton	*Kharif*	Irrigated	Medium black	-	-	-	Sesame	2-6-06			
Cotton	*Kharif*	Rainfed	Medium black	-	-	-	Cotton	3-6-06			
Cotton	*Kharif*	Rainfed	Medium black	-	-	-	Cotton	2-6-06			
Cotton	*Kharif*	Irrigated	Medium black	-	-	-	Cotton	5-6-06			
Cotton	*Kharif*	Irrigated	Medium black	-	-	-	Cotton	20-5-06			
Cotton	*Kharif*	Irrigated	Medium black	-	-	-	Pearl millet	2-6-06			
Cotton	*Kharif*	Irrigated	Medium black				Cotton	3-6-06			

c. Crop Performance:

Sr. No	Crop	Variety	No. of Far-mers	Area (ha.)	Demonstration Yield (q/ha)				Increase in Yield (%)	Cost of additional cash input(Rs./acre)	
					High -est	Low-est	Aver -age	Local Check		Demonst ration	Local Check
1	Cotton	--	10	4.0	Results awaited (crop standing condition)						

9. Results of on farm testing: NIL

10. Literature developed / published: NIL

11. Success stories / case studies if any: NIL

12. Constraints:

Following scientific equipment is require for technical work

1. A Digital camera with accessories
2. One compound microscope for laboratory purpose
3. LCD & TV set

13. Functional linkage with different organizations

Sr. No.	Name of Organization	Nature of Linkage
1.	State department of Agriculture - Dy. Director of Agriculture (Extension) - Dy. Director of Horticulture - Dy. Director of Animal husbanbary - Dy. Director of Soil Conservation - Dy. Director of Social Forestry	The head of all the organizations are members of Scientific Advisory Committee of KVK and have linkage with different activities of KVK viz., training programmes, farmers day, field days, etc.
2.	Jilla Udyog Kendra	
3.	Milk Co-operative Society	
4.	State bank of Saurashtra	
5.	Doordarshan Kendra	
6.	All India Radio	
7.	Gramin Bhandaran Yojana (Govt. of India)	
8.	National Horticultural Research and Development Foundation	

14. Performance of demonstration units (Other than instructional farm) : NIL

15. Performance of instructional farm including seed production

	Name of crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (rs)		Remarks
					Variety	Type of produce	Quantity	Cost of inputs	Gross income	
1	Black gram	2-7-06	10-9-06	3.96	T-9	Seeds	In progress			
2	Muth	3-7-06	standing	1.04	G-2	Bulk				

16. Utilization of hostel facilities: NIL

17. Indicate any innovative technology or any methodology of Transfer of technology developed during the year: NIL

18. Indicate any indigenous Technology practiced by farmer in the KVK operational area which can be considered for technology development (in detail with suitable photographs) : NIL

19. Indicate the any specific training need tools/methodology followed for

a. Identification of courses for farmers/farm women : NIL
b. Rural youth : NIL
c. Inservice personnel : NIL

20. Indicate seed/seedling produced and sold to the farmers (the information on production of seed/seedlings furnished vide tables 14 and 15 should also included) : NIL

21. Scientific advisory meeting(s) Number: NIL

22. Impact of training programmes: NIL

23. Field Activities:

a. Number of villages adopted : 15
b. Number of farm families selected : NIL
c. Number of survey/PRA conducted : In Progress

24. Other extension activities : NIL

25. Details of KVK Bank Accounts.

	Name of the Bank	Location	Account Number
a. With Host. Institute	SBI	Junagadh	---
b. With KVK (2704 -18)	SBS	Chotila	6600246403-0
b. With KVK (2076- 22)	SBS	Chotila	66002438769

26. Utilization of KVK fund during the year 2005-06

Sr No.	Item	Sanction Rs in lacs	Released Rs. In lacs	Expenditure Rs.
(A) Recurring & Contingency				
	Pay & allowance	5.00	5.00	38,901
	Traveling allowance	0.20	0.20	15,965
	Contingencies	1.00	1.00	54,053
(B) Non-recurring contingency				
	New vehicles (Jeep + Tractor)	9.50	9.50	9,49,495
	New adm. Building	41.48	41.48	41,48,000
	Library	--	--	--
	Equipments	0.50	0.50	47455
Grand total		**57.68**	**57.68**	**52,53,869**

27. Utilization of fund under FLD on oil seeds/ pulses: NIL

28. Status of revolving fund of the 3 year

Sr. No.	Year	Opening balance	Expected income		Net balance in hand as on 1st April of each year
			Fixed deposit	Farm income	
1	2006-07	1.0 LACS			1.0 LACS

ACTION PLAN (from October - 2006 to September - 2007)

1. On Campus training

Subject	Title of Training	Dura Days	No.of parti.	Type of Parti.
I. Quarter : (1st October to 31st December, 2006)				
Crop Production	- Improved cultivation practices for wheat & cumin	1	25	F
	- Efficient water management in Rabi crops	1	25	F
Plant Protection	-Integrated insect- pest and disease management in wheat & cumin	1	25	F
	-Integrated insect- pest and disease management in vegetables	1	25	F
Horticulture	-Improved cultivation practices for vegetable including onion and garlic	1	25	F
	-Production technology of arid fruits	1	25	F
Agril. Engg.	-Govt. subsidy in drips, sprinklers and agricultural implements	1	25	F
Livestock Prod&Mgmt	-Importance of artificial insemination	1	25	F
Home Science	-Nutrition management in mother and child	1	25	FW
Seed Production	-Pure seeds production technique in wheat & cumin	1	25	F
II. Quarter : (1st January to 31st March, 2007)				
Crop Production	-Organic residue management	1	25	F
Home Science	-Different methods for preservation of fruit and vegetables	1	25	FW
	-Kitchen gardening	1	25	FW
Agril. Engg.	-Efficient use of harvested water	1	25	RY
Livestock Prod&Mgmt	-Cause, sign, treatment and control of foot and mouth disease	1	25	F
	-Management and care of pregnant animals	1	25	F
III. Quarter : (1st April to 30th June, 2007)				
Crop Production	-Mixed farming in dry land Agriculture area	1	25	F
	-Groundnut & Sesamum production technology	1	25	F
	-Importance of preparing cropping system	1	25	F
	-Role of intercropping in rain fed areas	1	25	F
Plant Protection	-management of important insects, pest and disease in groundnuts	1	25	F

	-IPM in Vegetables	1	25	F
Home Sci	-Importance of vaccination in children -Preservation of mango products	1 1	25 25	FW FW
Livestock Prod&Mgmt	-Management and feeding practices of dairy animals -Important points for enhance milk production	1 1	25 25	F FW
Agril. Engg.	- Rain water management technology	1	25	F
IV. Quarter : (1st July to 30th September, 2007)				
Plant Protection	-Integrated insect-pest and disease management in cotton -Integrated insect –pest and disease management in sesamum and castor	1 1	25 25	F F
Crop Production	-Castor production technology	1	25	F
Agril. Engg.	- *In-situ* moisture conservation practices	1	25	F
Home science	-Protein rich diet with local gram flour, oils and sprouted pulses.	1	25	FW
Livestock Prod&Mgmt	-Control of ecto and endoparasites in cattle	1	25	F
Seed Production	-Pure seeds production technique in sesame	1	25	F

2. Off Campus training

Subject	**Title of Training**	**Dura Days**	**No.of parti.**	**Type of Parti.**
I. Quarter : (1st October to 31st December, 2006)				
Crop – Production	-Cumin production technology -Integrated weed management in major *rabi* field crops -Improved cultivation practices for groundnut	1 1 1	25 25 25	F F F
Plant Protection	-Control measures of pest and diseases of *rabi* crops -Pest and diseases management in onion, garlic, chilli and brinjal	1 1	25 25	F F
Horticulture	-Importance of floriculture -Drip irrigation in horticultural crops	1 1	25 25	F F
Livestock Prod&Mgmt	-Vaccinations of animals -Scientific care and managements of calf for increase dairy farm income	1 1	25 25	F RY

Home sci	-Preparation and preservation of Vegetable pickles.	1	25	FW
Seed Production	-Pure seeds production technique in cumin	1	25	F
Agril. Engg.	-Trouble shooting of micro irrigation system	1	25	RY
	-Use of poor quality water for irrigation	1	25	F
	-Waste land management practices	1	25	F
II. Quarter : (1st January to 31st March, 2007)				
Crop Production	-Soil and fertility management	1	25	F
	-Use and importance of manures	1	25	F
Pl. Protection	-Safe use of pesticides	1	25	F
Horticulture	-Production technology of major arid fruit crops	1	25	F
Livestock Prod&Mgmt	-Selection of breed and cross breeding in milch animals	1	25	F
Home Science	-Rat control	1	25	FW
Agril. Engg.	-Selection and maintenance of pump sets	1	25	F
	-Rain water management technology	1	25	F
III. Quarter : (1st April to 30th June, 2007)				
Crop-Production	-Dose of fertilizer and method of application in Kharif crops	1	25	F
	-Preparation of enriched compost	1	25	F
	-Method of soil sampling	1	25	F
Pl.Protection	-Seed treatment in groundnut	1	25	F
Livestock Prod&Mgmt	-Cause, sign, treatment and control of Haemorrhagic septicemia.	1	25	F
Agril. Engg	-Use of wind energy	1	25	F
	-Use of solar energy	1	25	F
	-Introduction of effective & improved agricultural equipments	1	25	F
Home Science	-Prevention of dehydration by ORS	1	25	FW
	-Nutrition deficiency in women and their control	1	25	FW
Agro forestry	- Jatropha in waste land plantation	1	25	F
IV. Quarter : (1st July to 30th September, 2007)				
Crop-Production	-Improved cultivation practices for chickpea	1	25	F
Pl. Protection	-Control measures for pest and diseases of Sesamum	1	25	F
	- Control measures for pest and diseases of cotton	1	25	F
Agril. Engg.	-Selection and maintenance of pump sets	1	25	F
	-Rain water management technology	1	25	F

Seed production	-Pure seeds production technique in cumin	1	25	F
Livestock Prod&Mgmt	-Cause, sign, treatment and control of bloat	1	25	F
	-Control of ecto and endoparasites in cattle	1	25	F
Home science	-Food grain storage techniques	1	25	FW
	-Preservation of milk and milk products.	1	25	FW

3. Vocational Training:

Sr. No.	Title of Training	Dura. Days	No. of parti	Type of Parti.
1.	Technique for vermi-composting	2	25	RY

4. In service Training:

Sr. No.	Title of Training	Dura. Days	No. of parti.	Type of parti.
1.	Cotton production technology	2	25	NGO representatives
2.	Tools and Technique in PRA	2	25	Extension Workers

5. Sponsored Training with Other Organizations:

Sr. No.	Title of Training	Dura. Days	No. of parti.	Type of parti.
1.	Small scale industries at village level	1	25	F
2.	Bank loans for field crops/ crop insurance	1	25	F
3.	Loans/Subsidies for increasing area under horticultural crops	1	25	F

6. Training Programme: Quarter wise Summary:

Sr. No.	Subject	On Campus					Off Campus					G.T.
		I	II	III	IV	T	I	II	III	IV	T	
1.	Crop Production	2	1	4	1	**8**	3	2	3	1	**9**	**17**
2.	Horticulture	2	-	-	-	**2**	2	1			**3**	**5**
3.	Pl. Protection	2	-	2	2	**6**	2	1	1	2	**6**	**12**
4.	Home science	1	2	2	1	**6**	1	1	2	2	**6**	**12**
5.	Agril. Engineering	1	1	1	1	**4**	3	2	3	2	**10**	**14**
6.	Livestock Prod & Mgmt	1	2	2	1	**6**	2	1	1	2	**6**	**12**
7.	Seed production	1	-	-	1	**2**	1	-	-	1	**2**	**4**
8.	Agro forestry	-	-	-	-	**-**			1		**1**	**1**
	Total	**10**	**6**	**11**	**7**	**34**	**14**	**8**	**11**	**10**	**43**	**77**

T = Total , G.T. = Grand Total , * I, II, III,IV = Quarter

F = Farmers, FW = Farm women, RY = Rural Youth

7. Summary of Training Programme:

Sr.No.	Subject	On campus	Off campus	Total
1.	Crop Production	8	9	17
2.	Horticulture	2	3	5
3.	Plant protection	6	6	12
4.	Home science	6	6	12
5.	Agril. Engineering	4	10	14
6.	Livestock Prod & Mgmt	6	6	12
7.	Seed Production	2	2	4
8.	Agro forestry	--	1	1
	Total (A)	**34**	**43**	**77**
9.	- Vocational training	1	--	1
10.	- In service training	2	--	2
11.	- Sponsored / in-service	3	--	3
	Total (B)	**6**	--	**6**
	TOTAL (A+B)	**40**	**43**	**83**

8. Physical Targets of FLD's to be conducted during 2006-07

Particulars of the FLD	Season	Crop	Area (in ha)	No. of Demo.
Oilseeds	Kharif	Groundnut	8.0	20
	Rabi	Mustard	4.0	10
Pulses	Kharif	Mung	4.0	10
		Urid	4.0	10
	Rabi	Gram	4.0	10
	Summer	-	-	-
Cereal Crops	Kharif	-	-	-
	Rabi	Wheat	4.0	10
	Summer	-	-	-
Other Crops	Kharif	Chilly	2.0	5
		Cotton	4.0	10
	Rabi	Cumin	4.0	10
Other FLD				
1. Composting	-	-	-	10
2. Vermi compost	-	-	-	10

9. Physical Targets of OFT's to be conducted during 2006-07

(1) Application of *Trichoderma* against stem rot disease in groundnut
(2) Effect of supplementary irrigation on yield of Sesame.

10. Other Extension activities:

Sr No.	Activity	Proposed number
1	Kisan mela	**--**
2	Field day	**10**
3	Kisan gosthi	**15**
4	Radio / TV talk	**2**
5	TV shows	**--**
6	Film shows	**--**
7	Exhibition	**1**
8	News paper coverage	**10**
9	Popular articles	**10**
10	Extension literature	
	1. Folder / pamphlets	**21**
	2. Slides	**--**
	3. Video film show	**5**
11	Advisory services	**2**
12	Diagnostic services	
	1. Farmers visit to KVK	**--**
	2. Scientists visit to farmers field	**45 As & when required**