KRISHI VIGYAN KENDRA, DEDIAPADA

ANNUAL ACTION PLAN : 2010-2011

MAJOR THRUST AREA

1. Increasing the production of major crops (Paddy, Pigeon pea, Wheat, Pulses and Cotton).
2. Arid horticultural in rainfed area.
3. Fruit and vegetables in irrigated area
4. Conservation of soil and water resources.
5. Income generation by imparting skill training.
6. Women empowerment.
7. Improved livestock management practices.

QUARTER-WISE SUMMARY OF ANNUAL ACTION PLAN FOR THE YEAR 2010-11 (OCTOBER-2010 TO SEPTEMBER-2011)

1. TRAINING PROGRAMMES

S.N.	Discipline	ON CAMPUS																				TOTAL ON CAMPUS				OFF CAMPUS				GT
		PF				FW				RY				EF				Sponsored												
		I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
1.	Crop Production	1		1	1		1						1			1						1	1	2	2	2	3	4	2	**17**
2.	Horticulture	1	1	2	1							1				1						1	1	4	1	3	2	4	4	**20**
3.	Home Science					1	1	1	1			1	1		1							1	2	2	2	2	3	2	3	**17**
4.	Animal Science	1					1	1	1				1	1								2	1	1	2	3	2	1	2	**14**
5.	Plant Protection	1			1			1			1		1	1								2	1	1	2	3	3	2	2	**16**
6.	Extension Education														1							0	1	0	0	1	1	1	0	**4**
	Total	4	1	3	3	1	3	3	2	0	1	2	4	2	2	2	0	0	0	0	0	7	7	10	9	14	14	14	13	**88**

I = October-08 to December-08
II = January-09 to March-09
III = April-09 to June-09
IV = July-09 to Septrmber-09

PF = Practicing farmers
FW = Farm women
RY = Rural youth
EF = Extension functionaries

2. FRONT LINE DEMONSTRATION

Sr. No.	Particulars of the FLD	Season	Crop	Area (ha.)	No. of demo.	Remarks
I.	**Production technology**					
(A)	Oil seed	Kharif'11	Soybean	5	25	GS-2
(B)	Pulses	Rabi'10-11	Gram	10	20	GG-2
		Kharif'11	Pigeon pea	10	25	Vaishali
		Kharit'11	Green gram	5	25	Pusa Meha
(C)	Vegetables	Summer'11	Okra	2	10	GOH-2
II.	**Component demo.**					
	Varietal	Rabi'10-11	Wheat	10	25	GW-366
		Kharif'11	Paddy	10	25	GR-5
		Kharif'11	Sorghum	5	25	GJ-42
	Bio-fertilizers	Kharif'11	Pigeon pea	10	25	Rhizobium
		Kharif'11	Green gram	10	25	Rhizobium
		Kharif'11	Paddy	10	25	Azotobacter
		Rabi'10-11	Gram	10	25	Rhizobium
	ICM	Kharif'11	Chilli	2	10	
		Kharif'11	Papdi	2	10	
	INM	Rabi'10-11	Tomato	2	10	INM
	IPM	Kharif'11	Cotton	4.8	12	
		Kharif'11	Pigeon pea	5	10	
III.	**Use of bio-agents**					
	Trichoderma	Rabi'10-11	Gram	10	20	
	Trichoderma	Kharif'11	Pigeon pea	10	20	
IV	Other demonstration					
	Home Science					
	Nutritional Garden	-	Vegetables	-	20	
	Livestock					
	Mineral mixture	-	Buffalo	-	20	LPM
	Urea treatment to paddy straw	-	Buffalo-Cow	-	5	LPM
	Concentrate feeding to kid	-	Kid	-	20	LPM
	Teat dipping	-	Buffalo-Cow	-	25	LPM
	Total			**132.8**	**462**	

3. ON FARM TESTING

On going OFT :

1. Refinement of crop spacing in Chili.
2. Effect of supplementing mineral mixture and concentrate on body growth performance in calves.

New OFT :

	Crop Production
1.	Varietal Evaluation of drill paddy variety for Narmada District (six varieties including two locals)
	Plant Protection
2.	Management of *Helicoverpa* in Indian bean by organic means
	Home Science
3.	Evaluation of Low cost high calorie diets made from locally available food materials for Pre-school children
	Animal Science
4	Evaluation of different formulations of acaricide for control of ectoparasite in Buffalo.

4. EXTENSION ACTIVITIES

SN	Activity	Total
1	2	3
1.	Field days	10
2.	Kisan mela / Farmers day	1
3.	Agricultural exhibition	10
4.	Scientist farmers interaction	2
5.	Farm Science Club	4
6.	Mahila mandal	8
7.	World Food Day	1
8.	Women in Agri. day	1
9.	Diagnostic services	
	(i)Farmers visit to KVK	175
	(ii)Scientists visits to farmers fields	40
10.	Lecture to be delivered in other programme	
11.	Distribution of seed on cost basis	4 T
12.	Soil & water sample analysis	-
13.	Publication	
	(i) Research Paper	2
	(ii)Popular articles	8
	(iii) Folders	4
14.	Communication media	
	(i) Radio talk	
	(ii) TV / Film show	4
	(iii) News paper coverage	12
	(iv) Telephone helpline	40
15	Campaign	
	(i) Awareness camps for hairy caterpillar	10
	(ii) Awareness camps for mealy bugs	10
16	Animal Health Camp	5
17	Method demonstrations (Urea treatment)	3

5. PROPOSED PLAN OF WORK FOR INSTRUCTIONAL FARM

6. INFRASTRUCTURAL DEVELOPMENT

7. SAC MEETING PROPOSED

8. RESEARCH STUDY

1. TRAINING PROGRAMMES

1.1 ON CAMPUS TRAINING (FOR PRACTICING FARMERS, FARM WOMEN AND RURAL YOUTHS)

Subject	Title of training	Month	Duration (days)	No. of participants	Type of participants
QUARTER-I					
Crop Production	Importance of integrated farming in rain fed tribal area	Dec-10	1	25	PF
Horticulture	Post Harvest Management of Vegetables	Oct-10	1	25	PF
Plant Protection	Pest Management in organic farming	Oct-10	1	25	PF
Animal Science	Importance of supplementation mineral mixture to dairy animal for health, reproduction and milk production	October-10	1	25	PF
Home Science	Preparation of low cost balanced diet for pre-school children	Oct-10	1	25	FW
QUARTER-II					
Crop Production	Production of organic inputs- composting and vermicompost	Jan-11	1	25	FW
Horticulture	Water Conservation Technologies in Vegetables	Jan-11	1	25	PF
Plant Protection	Use of microbial Pesticides in insect pests and disease management	Jan-11	1	25	RY
Animal Science	Importance of A.I. in dairy animals.	Jan-11	1	25	FW
Home Science	Fruits and Vegetable preservation	Jan-11	1	25	FW

QUARTER-III					
Crop Production	Water conservation technologies for rain fed farming	April-11	1	25	PF
Horticulture	Importance of in situ fruit crops and planning of orchard	April-11	1	25	PF
	Nursery raising of Kharif vegetables	June-11	1	25	PF
Plant Protection	Importance of seed treatments in field crops	May-11	1	25	FW
Animal Science	Deworming and vaccination in dairy animal	May-11	1	25	FW
Home Science	Different methods of food grain storage	April-11	1	25	FW
QUARTER-IV					
Crop Production	Role of micronutrients in crop production	July-11	1	25	PF
Horticulture	Low Cost Green House	Sept-11	1	25	PF
Plant Protection	Use of neem and other plant products in insect pests management	Aug-11	1	25	PF
Animal Science	Criteria for selection of higher yielder Dairy animals.	Aug-11	1	25	FW
Home Science	Value addition in soyabean	June-11	1	25	FW

PF=Practicing farmers FW=Farm women RY=Rural youth EF=Extension functionaries

1.2 OFF CAMPUS TRAINING (FOR FARMERS, FARM WOMEN AND RURAL YOUTHS)

Subject	Title of training	Month	Duration (days)	No. of participants	Type of participants
QUARTER-I					
Crop Production	Integrated crop management in wheat	Oct-10	1	25	PF
	Integrated crop management in gram	Nov-10	1	25	PF
Horticulture	Cultivation practices of Cole crops	Oct-10	1	25	PF
	Introduction of onion crops and its cultivation practices	Nov-10	1	25	PF
	Post Harvest Management of Vegetables	Dec-10	1	25	PF
Plant Protection	Integrated insect pests and disease management in gram	Oct-10	1	25	PF
	Bio control of crop pests -Conservation of natural enemies	Nov-10	1	25	PF
	Integrated insect pests and disease management in vegetables	Dec-10	1	25	PF
Extension Education	Importance of Farm Science Club	Nov-10	1	25	PF
Animal Science	Scientific management of new born calf	Oct-10	1	25	FW
	Care of dairy animal at and after Calving.	Nov-10	1	25	FW
	Dairy Cattle housing	Dec-10	1	25	FW
Home Science	Formation of SHGs	Nov-10	1	25	FW
	Kitchen Gardening	Dec-10	1	25	FW
QUARTER-II					
Crop Production	Use of bio fertilizers in crop plants	Jan-11	1	25	RY
	Efficient use of fertilizers	Feb-11	1	25	PF
	Paddy nursery management and different cultivation practices of paddy	Mar-11	1	25	PF

Horticulture	Cultivation practices of Okra	Jan-11	1	25	PF
	Cultivation practices of Vine crops	Feb-11	1	25	PF
Plant Protection	Plant protection equipments and spraying technologies	Jan-11	1	25	RY
	Use of pheromones in pest management	Feb-11	1	25	RY
	Integrated pest management in cotton	March-11	1	25	PF
Extension Education	Value addition and marketing of farm produce	January-11	1	25	PF
Animal Science	Urea treatment to Paddy straw	Feb-11	1	25	PF
	Importance of A.I. in dairy animal	March-11	1	25	PF
Home Science	Preparation of High Calories diet for school children	Jan-11	1	25	FW
	Importance and benefits of Nutritional garden	Feb-11	1	25	FW
	Women and Child care	March-11	1	25	FW
QUARTER-III					
Crop Production	Crop diversification- cultivation of soybean	Apr-11	1	25	PF
	Integrated nutrient management in cotton	May-11	1	25	PF
	Use of biofertilizer for enhancing productivity pulse crops	June-11	1	25	PF
	Weed management in kharif crops	June-11	1	25	PF
Horticulture	Kitchen Garden	April-11	1	25	FW
	Cultivation Practices of Indian Bean	May-11	1	25	PF
	Importance of fruit crops and Planning and Management of Orchard	May-11	1	25	PF
	Nursery raising of Kharif Vegetables	June-11	1	25	PF
Plant Protection	IPM in Paddy	April-11	1	25	PF
	IPDM in pulse crops	June-11	1	25	PF

Extension Education	Importance of farmers interest group formation	April-11	1	25	PF
Animal Science	Vaccination in Dairy animal	April-11	1	25	PF
Home Science	Importance of storage of Grains	April-11	1	25	FW
	Conservation of nutrients while handling and cooking of foods	June-11	1	25	FW
QUARTER-IV					
Crop Production	Integrated crop management in pegion pea	July-11	1	25	PF
	Introduction of new crop cultivation of castor	Aug-11	1	25	RY
Horticulture	Cultivation Practices of Chilly and Brinjal	July-11	1	25	PF
	Post Harvest Management and Marketing of Indian Bean	Aug-11	1	25	PF
	Role of micronutrient in Vegetables	Sept-11	1	25	PF
	Integrated Nutrient Management in Tomato	Sept-11	1	25	PF
Plant Protection	Management of stored grain pests	Aug-11	1	25	FW
	Beekeeping for pollination	Sep-11	1	25	RY
Animal Science	Evaluation of animal with object to purchase.	Aug-11	1	25	FW
	Care of lactating animal for maximum milk production.	Sep-11	1	25	FW
Home Science	Value addition in soyabean	July-11	1	25	FW
	Importance and benefits of Balanced diet for pregnant and Lactating women	Aug-11	1	25	FW
	Benefits of Vegetables in daily diet.	Sept.-11	1	25	FW

PF=Practicing farmers FW=Farm women RY=Rural youth EF=Extension functionaries

1.3 VOCATIONAL TRAINING

Subject	Title of training	Month	Duration (days)	No. of participants	Type of participants
QUARTER-III					
Horticulture	Nursery Management	May-11	1	25	RY
Home Science	Sewing Class	April-11	15 days	10	RY
QUARTER-IV					
Home Science	Entrepreneurship development	July-11	1 week	10	RY
Plant Protection	Mushroom cultivation	Aug-11	1	25	RY
Animal Science	Dairy farm management	Sep-11	1	25	RY
Crop production	Production of organic inputs	Sept-11	10 days	20	RY

1.4 INSERVICE TRAINING

Subject	Title of training	Month	Duration (days)	No. of participants	Type of participants	Sponsoring Agency
QUARTER-I						
Animal Science	Animal breeding record keeping	Oct-10	1	30	EF (J.K. Trust, A.I. workers)	J.K. Trust
Plant Protection	Integrated pest management	Dec-10	1	30	VLWs	Line Dept
QUARTER-II						
Home Science	Preparation of Low cost food for School going children	Feb-11	1	25	Anganwadi workers	ICDS
Extension Education	Use of ICT in Agriculture	Feb-11	1	25	VLWs/ EF	Line Dept./ NGO
QUARTER-III						
Crop Production	Integrated nutrient management in kharif crops	Apr-11	1	25	VLWS	Line Dept
Horticulture	Orchard Planning and Management	Apr-11	1	25	EF	NGO

2. DEMONSRATIONS

2.1 FRONT LINE DEMONSRATIONS- OILSEEDS AND PULSES

Title of Demo.	Objectives	Variety	Farming Situation	Area (ha)	No.of Demo /farmers	Existing Technology	Scientific Technology intervention	Critical inputs	Remarks
Oilseeds									
Soybean	To introduce new crop	GS-2	Rainfed	5	25	▪Low remuneration in drilled paddy	▪Introduction of new crop	Seed Bio-fertilizer	Kharif'11
Pulses									
Gram	To popularize new variety	GG-2	Rainfed	10	20	▪Use of old/local variety ▪No seed treatment ▪No use of fertilizer	▪Use of new variety ▪Seed treatment ▪Recommended dose of fertilizer	Seed Bio-fertilizer	Rabi'10-11
Pigeon pea	To popularize new variety	Vaisali	Rainfed	10	25	▪Use of old/local variety ▪No seed treatment	▪Use of new variety	Seed Bio-fertilizer	Kharif'11
Green gram	To popularize new variety	Pusa Meha	Rainfed	5	25	▪Use of old/local variety ▪No seed treatment ▪No use of fertilizer	▪Use of new variety ▪Recommended dose of fertilizer	Seed Bio-fertilizer	Kharif'11

2.2 FRONT LINE DEMONSRATION OTHER THAN OILSEEDS AND PULSES

Title of Demo.	Objectives	Variety	Farming Situation	Area (ha)	No.of Demo /farmers	Existing Technology	Scientific Technology intervention	Critical inputs	Remarks
Wheat	To popularize new variety	GW-366	Irrigated	10	25	▪Use of old/local variety	▪Use of new variety	Seed	Rabi'10-11
Paddy (Drilled)	To introduce new variety	GR-5	Rainfed	10	25	▪Use of local variety	▪Use of new variety	Seed	Kharif'11
Sorghum	To introduce new variety	GJ-42	Rainfed	5	25	▪Use of local variety	▪Use of new variety	Seed	Kharif'11

Title of Demo.	Objectives	Variety	Farming Situation	Area (ha)	No.of Demo /farmers	Existing Technology	Scientific Technology intervention	Critical inputs	Remarks
Vegetable									
Okra	To popularize new variety	GO-2	Irrigated	2	10	▪Use of local variety	▪Use of new variety	Seed	Summer'11
Use of Biofertilizer						▪	▪		
Rhizobium	To popularize the resource conservation technology	Pigeon pea	Rainfed	10	25	▪No use of bio-fertilizer	▪Use of bio-fertilizer	Bio-fertilizer	Kharif'11
Rhizobium	To popularize the resource conservation technology	Green gram	Rainfed	10	25	▪No use of bio-fertilizer	▪Use of bio-fertilizer	Bio-fertilizer	Kharif'11
Azotobacter	To popularize the resource conservation technology	Paddy	Rainfed	10	25	▪No use of bio-fertilizer	▪Use of bio-fertilizer	Bio-fertilizer	Kharif'11
Rhizobium	To popularize the resource conservation technology	Gram	Rainfed	10	25	▪No use of bio-fertilizer	▪Use of bio-fertilizer	Bio-fertilizer	Rabi'10-11
ICM									
ICM in Chilli	To popularize the integrated crop management practices	Chilli	Rainfed	2	10	▪Use of local variety ▪No use of bio-fertilizer ▪Imbalanced use of fertilizer	▪Use of new variety ▪Use of bio-fertilizer ▪Recommended dose of fertilizer	Seed Bio-fertilizer Chemical fertilizer	Kharif'11
ICM in Papdi	To popularize the integrated	Chilli	Rainfed	2	10	▪Use of local variety ▪No use of bio-fertilizer	▪Use of new variety ▪Use of bio-fertilizer	Seed Bio-fertilizer	Kharif'11

	crop management practices					▪Imbalanced use of fertilizer	▪Recommended dose of fertilizer	Chemical fertilizer	
INM						▪	▪		
Tomato	Efficient use of fertilizers	GT-2	Irrigated	2	10	▪Use of Excess or less quantity of fertilizers ▪No use of biofertilizers ▪No use of FYM	▪Integrated Nutrient Management	- Recommended dose of Chemical fertilizers - Biofertilizers	Rabi'10-11
IPM									
IPM in cotton	Management of cotton pest	-	Rainfed	4.8	12	▪Only chemical method of pest control	▪IPM	Pheromone trap Lures Neem based pesticides *B. bassiana*	Kharif'11
Integrated Management of *Helicoverpa* in pegion pea	To manage *Helicoverpa* effectively	-	Rainfed	5	10	▪Only chemical method of pest control	▪IPM	Pheromone trap Lures Neem based pesticides NPV	Kharif'11
Bio-agents									
Use of *Trichoderma* in pegion pea	To manage wilt disease	-	Rainfed	10	20	▪No seed treatment	▪Seed treatment	*Trichoderma*	Kharit'11
Use of *Trichoderma* in Gram	To manage wilt disease	-	Rainfed	10	20	▪No seed treatment	▪Seed treatment	*Trichoderma*	Rabi'10-11

Other demonstration									
Nutritional Garden	To popularize the Nutritional Garden	Recommended varieties of vegetables	Irrigated	-	20	▪Use of desi or scattered method	▪Kitchen Garden Model	- Recommended vegetables seeds	Rabi'10-11

Livestock production

Sr. No	Technology to be demonstrated	Objective	No. of Farmer	Types & No of Animals	Observation	Critical inputs
1.	Mineral Mixture	To popularize Mineral Mixture Supplementation	20	Buffalo-20	Service period (day)	Powd. Mineral mixture
2.	Urea treatment to Paddy straw	To introduce urea treatment	5	(Buffalo-cow-5	Milk production (ltr/day)	Urea + plastic cloth
3.	Concentrate feeding to kid	To popularize Concentrate feeding method	10	kid-20	Body at age at 1^{st}, 3^{rd}, 6^{th}, & 9^{th}, months	Concentrate
4.	Teat dipping	To Control the Mastitis	25	(Buffalo-cow-25	% of Mastitis	Potassium permanganate

3. ON FARM TESTING

OFT : 1 (Crop Production)

Title: Varietal Evaluation of drill paddy variety for Narmada District

Objective: To find out the preferable drill paddy variety for the area

Background information:

The Narmada district having large area under drilled Paddy and the farmers are still using their local varieties as a result the productivity of drilled rice is very low. Efforts are being continued to replace it with GR 5. Recently, the numbers of new paddy varieties have been released promising high yield in rainfed area. To find out the suitable drill paddy variety for the area this on farm trials have been formulated.

Treatments:

1. Ashoka
2. AAUDR 1
3. GR-5
4. Dodiyu-1
5. Lacal Dolu
6. Vyara B74

No. o farmers : 10

Area **:** 2.4 ha (0.24 ha each)

OFT : 2 (Plant Protection)

Title: Management of Helicoverpa in Indian bean by non chemicals means

Objective: To manage the Helicoverpa by using non chemical methods

Background information:

Indian bean is an important Kharif crop grown in some villages of Narmada district. In Indian bean, Helicoverpa is a notorious insect pest and farmers are using high doses of chemicals at frequent intervals. This crop having high export value for preparation of "Surti Undhiyu" in USA and UK. The Krishi Vigyan Kendra is like to demonstrate the technologies for its production in an organic way. So to find out some effective alternative to chemical pesticides t manage Helicoverpa, this on farm trial has been planned.

Treatments:

1. Bio intensive module : Monitoring through pheromone traps

- Spraying of neem based pesticides
- Hand picking of bigger larvae
- Spraying of HaNPV

2. Farmers method : Frequent spraying of pesticides (Weekly spraying)

No of farmers : 12

Area **:** 4.8 ha (0.4 ha each)

OFT : 3 (Home Science)

Title **:** Evaluation of Low cost high calorie diets made from locally available food materials for Pre-school children.

Objective **:** To study the effect of Low cost high calorie diet on the growth of Pre-school children.

Background information:

Narmada district is a tribal dominated district with more than 89 per cent tribal population. The most of the farmers are small and marginal, having fragmented and undulating land. Due to very low irrigation facility the farmers have to rely on monsoon season which leads to poor economic condition of farmers. They can not afford good quality diets for their infants and children. Therefore, the children living in this area are malnourished which increases their vulnerability to various diseases. To prevent the malnourishment of pre-school children, Low cost high calorie diet prepared from locally available food materials like rice, pulses including soybean, groundnut, *etc*. needs to be evaluated by providing it to pre-school children to test its efficiency.

Treatments:

T1- Low cost high calorie diet prepared from locally available food materials

T2-Control

No. of children: T1 – 10 Age: 3-5 years

Control: T2 – 10

Duration: 6 month

Observation: Height , Weight

Interval of observation: 1 month

Village: Pansar / Zarnawadi

OFT : 4 (Animal Science)

Title : Evaluation of different formulations of acaricide for control of ectoparasite in Buffalo**.**

Background: The animal husbandry in Narmada district is traditional one. The housing system and their cleanliness are not hygienic, as a result the problem of ectoparasites is severe one which cause reduction in milk production. for the control of these ectoparasites especially ticks various formulation of acaricides are available in market for the control of ectoparasiotion in the area this OFT have been planned.

Treatment: Different formulations of acaricide

T_1 - Control

T_2 - Parental route : Ivermectin

T_3 - Oral route : Ivermectin

T_4 - Spray : Deltamethrin

T_5 - Body line marking : Cypermethrin

No of Animal: Each treatment 2 Animal

Observation: 1. No. of tick per sq. feet of body area at 3^{rd}, 5^{th}, 7^{th} days after treatment

2. Reappearance of ticks on body surface after the treatment. (days after treatment)

4 EXTENSION ACTIVITIES

SN	Activity	Quarters				Total
		I	II	III	IV	
1	2	3	4	5	6	7
1.	Field days	4	1	-	4	10
2.	Kisan mela / Farmers day	-	-	-	1	1
3.	Agricultural exhibition	2	2	4	2	10
4.	Scientist farmers interaction	1	-	-	1	2
5.	Farm Science Club	1	1	1	1	4
6.	Mahila mandal SHGs	2	2	2	2	8
7.	World Food Day	1	-	-	-	1
8.	Women in Agri. day	1	-	-	-	1
9.	Diagnostic services					
	(i)Farmers visit to KVK	50	50	25	50	175
	(ii)Scientists visits to farmers fields	10	5	5	20	40
10.	Lecture to be delivered in other programme	As per need				
11.	Distribution of seed on cost basis					4 T
12.	Soil & water sample analysis	-	-	-	-	-
13.	Publication					
	(i) Research Paper	-	1	1	-	2
	(ii)Popular articles	2	2	2	2	8
	(iii) Folders	1	1	1	1	4
14.	Communication media					
	(i) Radio talk	As per allotment				
	(ii) TV / Film show	1	1	1	1	4
	(iii) News paper coverage	3	3	3	3	12
	(iv) Telephone helpline	10	10	10	10	40
15	Campaign					
	(i) Awareness camps for hairy caterpillar	-	-	10	-	10
	(ii) Awareness camps for mealy bugs	-	-	10	-	10
16	Animal Health Camp	2	1	2	-	5
17	Method demonstrations (Urea treatment)	-	3	-	-	3

5. PROPOSED PLAN OF WORK FOR INSTRUCTIONAL FARM

Sr. No.	Crop	Variety	Particular	Area (ha.)
	Kharif'10			
1	Pigeon pea	Vaishali	Seed production	2.0
2	Soybean	JS-9305	Seed production	0.5
3	Soybean	JS-335	General cultivation	1.5
4	Groundnut	GG-6	Seed production	0.5
5	Paddy	GR-5	Seed production	1.0
6	Paddy	IR-28	Seed production	1.0
7	Niger	GN-1	Seed production	1.0
8	Sorghum	GJ-38	Seed production	1.0
9	Black gram	GU-1	Seed production	0.5
10	Green gram	Pusa Vishal	Seed production	0.5
11	Green gram	GM-4	Seed production	0.5
12	WADI model	-	Demonstration	0.4
	Rabi'10-11			
1	Gram	GG-2	General cultivation	2.0
2	Coriander		General cultivation	0.4
3	Cumin		General cultivation	0.4
4	Suwa		General cultivation	0.4
5	Ajma		General cultivation	0.4
6	Methi		General cultivation	0.4

6 INFRASTRUCTURE DEVELOPMENT

SN		Proposed Plinth area (Sq.m.)	Cost (Rs.in lakhs)
1.	Trainees' Hostel (under construction)	305	30.43
2.	Residential quarters for 6 (six) Nos. (under construction)	400	39.69
3.	Demonstration unit	160	10.00
	Total		**80.12**

7 SAC MEETING PROPOSED

April, 2011

8. Research Study-1

1.Title : Study on Animal Husbandry Practices Adopted by Crossbred Cattle Owners in Narmada districts. .

2. Location : Narmada District

3. Back ground information:

Most of the information available on dairy animal management in tribal area is based on assumptions, casual observations, experience and reports of some specialist and professional workers. This is not adequate to serve as the basis on which valid guidelines for introducing scientific management practices and extension strategies for improvements of dairy animals can be framed.

4. Objective :

Keeping this in view, the present study is being planned to delineate information on the dairy animal management practices followed by the farmers of Narmada district of South Gujarat with the following objectives :

1. To study the level of knowledge of crossbreed owners regarding improved animal husbandry practices.
2. To study the extent of adoption of improved practices of animal husbandry by cross breed owners.
3. To know the problems faced by crossbreed owners in adoption of modern practices of animal husbandry.

5. Investigators:

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6. Year of Study: 2010-2011

7. Methodology*:*

The study will be under taken in four talukas of Narmada district. Two villages will be selected from each Nadod, Tilakwada, Sagbara and Dediapada taluka of Narmada district. From each village, 20 farmers will be selected randomly which made total size of 160 respondents. The collection of data will be made by preparing questionnaires and interviewing farmers by personal contact method**.**

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