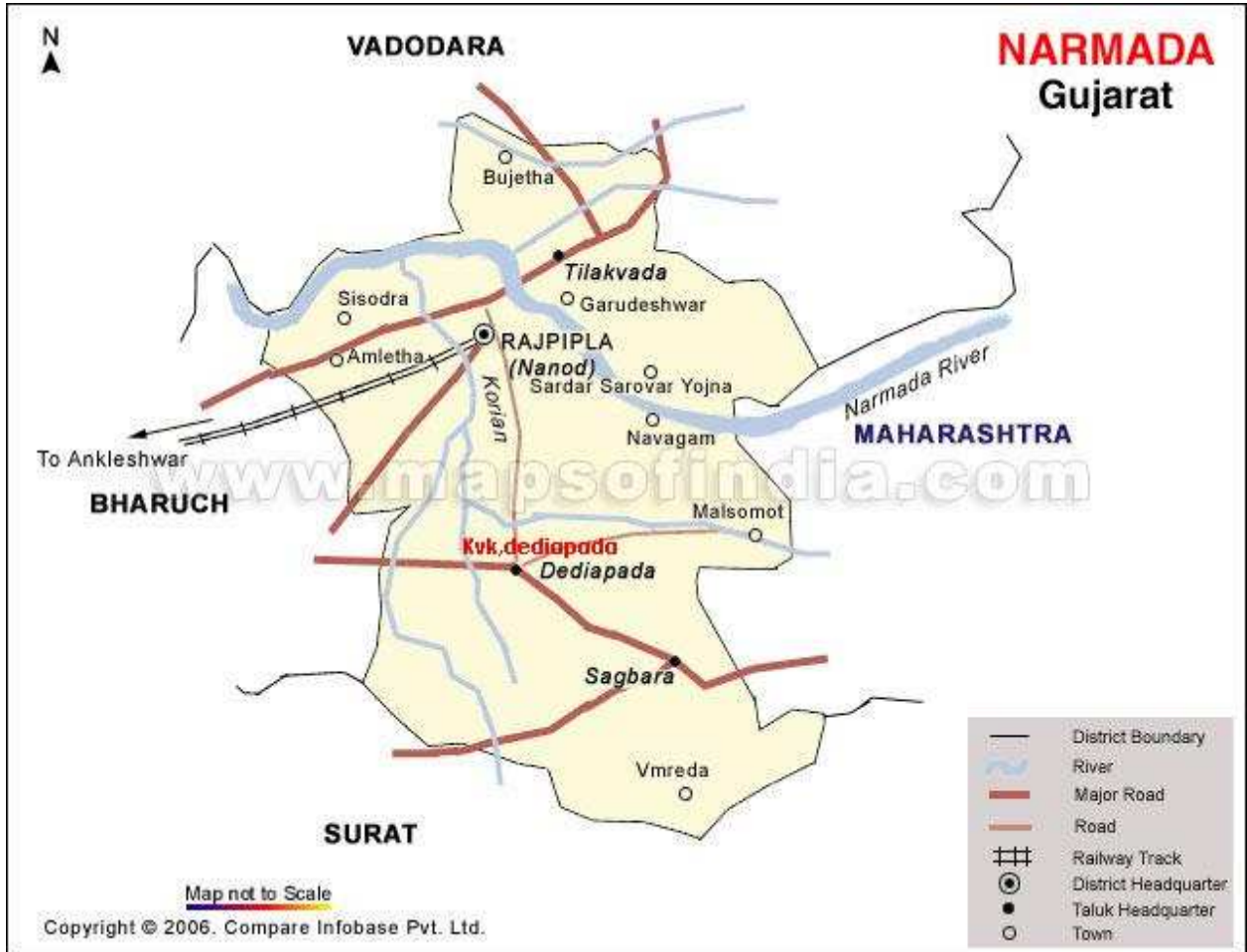




KRISHI VIGYAN KENDRA, NARMADA



ANNUAL ACTION PLAN: 2012-13



KRISHI VIGYAN KENDRA

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MAJOR THRUST AREA

1.	Increasing the production of major crops (Paddy, Pigeon pea, Wheat, Pulses and Cotton).
2.	Rainfed horticulture.
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.

Operational Area

We are going to follow cluster approach from *kharif - 2012*

Action Plan for the year 2012-13

1. Training Programme

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					
1.	Crop Production	1		1	1	-	1	1	-	-	1		1	-	-	1	-	-	-	-	1	2	3	2	2	2	1	1	14	
2.	Horticulture*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	4	
3.	Home Science*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	4		
4.	Animal Science	1	-	-	-	-	1	-	1	-	-	-	1	1	-	-	-	-	-	-	2	1	1	1	3	2	2	2	14	
5.	Plant Protection	1	-	-	1	-	-	1	-	-	-	1	1	-	-	-	-	-	-	-	2	0	1	2	2	3	2	2	14	
6.	Extension Education	-	1	-	1	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	2	1	1	1	1	1	1	8	
7.	Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	4	4	4	0	0	0	0	16
	Total	3	1	1	3	0	2	2	1	0	1	1	3	2	1	1	0	4	4	4	4	9	9	10	10	10	10	8	8	74

* Vacant Post

Details of training with Title

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	Scientific cultivation of major kharif crops	April-12	1	25	PF
Plant Protection	Insect-Pest Management in major kharif crops	May-12	1	25	PF
Plant Protection	Integrated pest management	Aug-12	1	25	EF
Animal Science	Feeding pattern of supplementation mineral mixture to dairy animal for health, reproduction and milk production	May-12	1	25	PF
Animal Science	Methods for artificial insemination techniques	June-12	1	25	EF
QUARTER-II					
Animal Science	Heat detection techniques in animals.	July-12	1	25	FW
Crop Production	Production of organic inputs- composting and vermicompost	July-12	1	25	RY
Crop Production	Weed management in Kharif crops	July	1	25	FW
Extension Education	Banking credit procedure with special reference to KCC	July-12	1	25	FW
Extension Education	Use of ICT in agriculture	Sept-12	1	15	EF
QUARTER-III					
Crop Production	Water conservation technologies for rain fed farming	Oct-12	1	25	PF
Crop Production	Weed management in <i>Rabi</i> crops	July-12	1	25	FW

Crop Production	Integrated nutrient management in Rabi crops	Oct-12	1	25	EF
Plant Protection	Importance of seed treatments in field crops	Oct-12	1	25	FW
QUARTER-IV					
Crop Production	Role of micronutrients in crop production	Jan-13	1	25	PF
Crop Production	Production of organic inputs- composting and vermicompost	Feb-12	1	25	RY
Plant Protection	Use of neem and other plant products in insect pests management	Feb-12	1	25	EF
Animal Science	Establishment of dairy unit	Jan-12	1	25	RY
Animal Science	Feeds and fodder management in milch animals	March-12	1	25	FW
Animal Science	Housing management of dairy animals	Jan-13	1	25	EF
Extension Education	Formation of farmers club and its importance	Jan-13	1	25	PF

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	Nursery raising for kharif crops	May-12	1	25	PF
	Fertilizers management in kharif crops	June-12	1	25	PF
Horticulture	Kitchen Garden	April-12	1	25	FW
Plant Protection	Bio control of crop pests -Conservation of natural enemies	June-12	1	25	PF
	Integrated insect pests and disease management in cotton	June-12	1	25	PF
Extension Education	Importance of Farm Science Club	June-12	1	25	PF

Animal Science	Scientific management of newly born calves	June-12	1	25	FW
	Vaccination in Dairy animal	June-12	1	25	PF
	Dairy Cattle housing	June-12	1	25	FW
Home Science	Formation of SHGs	June-12	1	25	FW
QUARTER-II					
Crop Production	Use of bio fertilizers in crop plants	July-12	1	25	RY
	Weed management in kharif crops	August-12	1	25	FW
Horticulture	Cultivation Practices of Chilly and Brinjal	July-12	1	25	PF
Plant Protection	Plant protection equipments and spraying technologies	Aug-12	1	25	PF
	Biological control of crop pests	Sept-12	1	25	PF
	Integrated insect pests and disease management in Paddy	July-12	1	25	PF
Extension Education	Value addition and marketing of farm produce	Sept-12	1	25	PF
Animal Science	Care of dairy animal before and after Calving.	July-12	1	25	FW
Animal Science	Dairy Cattle housing	August-12	1	25	FW
Home science	Nutritional security through Kitchen Gardening	July-12	1	25	FW
QUARTER-III					
Crop Production	Scientific cultivation of major Rabi crops	Oct-12	1	25	PF
Horticulture	Scientific cultivation of onion crops	Oct-12	1	25	PF
Plant Protection	Integrated pest management in cotton	Oct-12	1	25	PF
	Integrated pest management in <i>Rabi</i> crops	Oct-12	1	25	PF
Extension Education	Kisan Credit Card : importance and procedure	Nov-12	1	25	PF

Animal Science	Urea treatment to Paddy straw	Dec-12	1	25	PF
Animal Science	Importance of A.I. in dairy animal	Dec-12	1	25	PF
Home Science	Importance of storage of Grains	Dec-12	1	25	FW
QUARTER-IV					
Crop Production	Scientific cultivation of Summer groundnut	Jan-13	1	25	PF
Horticulture	Cultivation practices of Okra	Jan-13	1	25	PF
Plant Protection	IPDM in summer crops	Jan-13	1	25	FW
	Beekeeping for pollination	Feb-13	1	25	RY
Animal Science	Vaccination in Dairy animal	Jan-13	1	25	PF
Animal Science	Rearing of heifers as future cow	Feb-13	1	25	FW
Home Science	Benefits of Vegetables in daily diet.	Jan-13	1	25	FW
Extension Education	Marketing strategy for agricultural produce	March-13	1	25	PF

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

1.3 VOCATIONAL TRAININGS

Subject	Title of training	Month	Duration (days)	No. of participants	Type of participants
QUARTER-III					
Home Science	Sewing Class	April-12	15	10	RY
QUARTER-IV					
Plant Protection	Maintenance and repair of plant protection appliances	Aug-12	7	25	RY
Crop production	Production of organic inputs	Sept-12	7	20	RY

2. Front line demonstrations during 2012-13

Name of the crop/enterprises	Season	Name of the technology to be demonstrated	Variety	Area (ha) /No. of units	No. of Demo
Pulses					
Pigeon pea	<i>Kharif</i>	Popularize new variety	Vaishali	12	30
Soybean	<i>Kharif</i>	Popularize new variety in Maize	JS-335	5	13
Gram	<i>Rabi</i>	Popularize new variety	GG-2	5	14
Cereals					
Paddy	<i>Kharif</i>	Popularize new variety in paddy	GR-5,9 IR-28	12	30
Paddy	<i>Kharif</i>	Popularize new variety in paddy	NAUR-1, GMR-2	10	24
Maize	<i>Kharif</i>	Popularize new variety in Maize	GM 6	2	10
Wheat	<i>Rabi</i>	Popularize new variety in wheat	GW 322	10	30
Horticulture*					
Onion	<i>Rabi</i>	Popularize new variety in onion	NHRDF	2	10
Tomato	<i>Rabi</i>	Integrated Nutrient management	INM	2	10
Brinjal	<i>Kharif</i>	Integrated Nutrient management	INM	2	10
Bio-agents					
Pigeon pea	<i>Kharif</i>	To popularize use of <i>Trichoderma</i>	--	5	14
Gram	<i>Rabi</i>	To popularize use of <i>Trichoderma</i>	--	5	14
Cotton	<i>Kharif</i>	Integrated pest management	--	5	14
Paddy	<i>Kharif</i>	Integrated pest management	--	5	14
Livestock					
	--	Feeding of mineral mixtures buffalos	--	--	20
	--	Urea treatment to paddy straw	--	--	5
	--	Teat dipping with KMNO ₄ in cross bred cows	--	--	25
Home science* :					
	--	Nutritional kitchen garden	--	--	10

* POST ON DEPUTATION/VACANT

2.1 FRONT LINE DEMONSTRATIONS- OILSEEDS AND PULSES

Title of Demo.	Objectives	Variety	Farming Situation	Area (ha)	No.of Demo /farmers	Existing Technology	Scientific Technology intervention	Critical inputs	Remarks
Pulses									
Gram	To popularize new variety	GG-2	Rainfed	12	30	<ul style="list-style-type: none"> ▪ Use of old/local variety ▪ No seed treatment ▪ No use of fertilizer 	<ul style="list-style-type: none"> ▪ Use of new variety ▪ Seed treatment ▪ Recommended dose of fertilizer 	Seed Bio-fertilizer	Rabi'12-13
Pigeon pea	To popularize new variety	Vaisali	Rainfed	12	30	<ul style="list-style-type: none"> ▪ Use of old/local variety ▪ No seed treatment 	<ul style="list-style-type: none"> ▪ Use of new variety 	Seed Bio-fertilizer	Kharif'12
Soybean	To popularize new variety	JS-335	Rainfed	5	13	<ul style="list-style-type: none"> ▪ Use of old/local variety ▪ No seed treatment 	<ul style="list-style-type: none"> ▪ Use of new variety 	Seed Bio-fertilizer	Kharif'12

2.2 FRONT LINE DEMONSTRATION 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-496	Irrigated	10	30	<ul style="list-style-type: none"> ▪ Use of old/local variety 	<ul style="list-style-type: none"> ▪ Use of new variety 	Seed	Rabi'12-13
Maize	To popularize new variety	GM-6	Rainfed	5	13	<ul style="list-style-type: none"> ▪ Use of old/local variety 	<ul style="list-style-type: none"> ▪ Use of new variety 	Seeds	Kharif'12
Paddy (Drilled)	To introduce new variety	GR-5, GR-9, IR-28	Rainfed	12	30	<ul style="list-style-type: none"> ▪ Use of local variety 	<ul style="list-style-type: none"> ▪ Use of new variety 	Seed	Kharif'12
Paddy (TP)	To introduce new variety	NAUR-1, GNR-2	Irrigated	10	24	<ul style="list-style-type: none"> ▪ Use of local variety 	<ul style="list-style-type: none"> ▪ Use of new variety 	Seed	Kharif'12
Vegetable*									
Onion	Introduction of new crops	NHRDF Red	Irrigated	2	10	<ul style="list-style-type: none"> ▪ Low value crops 	<ul style="list-style-type: none"> ▪ High value crops 	Seeds	Rabi-12-13

Tomato	Efficient use of fertilizers	GT-2	Irrigated	2	10	<ul style="list-style-type: none"> ▪ 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'12-13
Brinjal	Efficient use of fertilizers	INM	Irrigated	2	10	<ul style="list-style-type: none"> ▪ 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'12-13
IPM									
IPM in cotton	Management of cotton pest	-	Rainfed	5	14	<ul style="list-style-type: none"> ▪ Only chemical method of pest control 	IPM	Pheromone trap Lures Neem based pesticides <i>B. bassiana</i>	Kharif'12
IPM in Paddy	Management of pest	-	Rainfed	5	14	<ul style="list-style-type: none"> ▪ Only chemical method of pest control 	IPM	Pheromone trap Lures Neem based pesticides <i>B. bassiana</i>	Kharif'12
Bio-agents									
Use of <i>Trichoderma</i> in pignon pea	To manage wilt disease	-	Rainfed	5	14	<ul style="list-style-type: none"> ▪ No seed treatment 	Seed treatment	<i>Trichoderma</i>	Kharit'12
Use of <i>Trichoderma</i>	To manage wilt disease	-	Rainfed	5	14	<ul style="list-style-type: none"> ▪ No seed treatment 	Seed treatment	<i>Trichoderma</i>	Rabi'12-13

<i>rma</i> in Gram									
Other demonstration									
Nutritional Garden	To popularize the Nutritional Garden	Recommended varieties of vegetables	Irrigated	-	10	Use of desi or scattered method	Kitchen Garden Model	Recommended vegetables seeds	Rabi'12-13

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	CB-cow-10	Milk production (lit/day)	Urea + plastic sheet
3.	Teat dipping	To Control the Mastitis	25	CB-cow-20	% of Mastitis	Powd. Potassium permanganate

3. On Farm Testing

OFT: On going

- (1) Assessment of stem application method of insecticide for management of sucking pest in cotton
- (2) Effect of supplementing mineral mixture and concentrate on Body growth performance in calves
- (3) Assessment of feasibility of hand operated automatic seed drill in hilly area of Narmada District
- (4) Assessment of feasibility of Bullock drawn automatic seed drill in hilly area of Narmada District

4. Extension Activities

S.N.	Activity	Total
1	2	3
1.	Field days	5
2.	Kisan mela / Farmers day	1
3.	Agricultural exhibition	10
4.	Scientist farmers interaction	2
5.	World Food Day	1
6.	Women in Agri. day	1
7.	Diagnostic services	As per need
	(i)Farmers visit to KVK	
	(ii)Scientists visits to farmers fields	
8.	Lecture to be delivered in other programme	As per need
9.	Distribution of seed on cost basis	4 Ton
10.	Soil & water sample analysis	-
11.	Publication	
12.	(i) Research Paper	-
13.	(ii)Popular articles	4
	(iii) Folders	4
14.	Communication media	
	(i) Radio talk	As per allotment
	(ii) TV / Film show	25
	(iii) News paper coverage	As per need
	(iv) Telephone helpline	As per need
15.	Animal health camp	6

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